

**FORM A: BID/PROPOSAL**  
(See "Bid/Proposal" clause in Tender/RFP)

1. Contract Title \_\_\_\_\_

2. Bidder/Proponent  
\_\_\_\_\_  
Name of Bidder/Proponent

\_\_\_\_\_  
Usual Business Name of Bidder/ Proponent as it appears on Invoice (if different from above)

\_\_\_\_\_  
Street

\_\_\_\_\_  
City Province Postal Code

\_\_\_\_\_  
Email Address of Bidder/Proponent

(Mailing address if different)  
\_\_\_\_\_  
Facsimile Number

\_\_\_\_\_  
Street or P.O. Box

\_\_\_\_\_  
City Province Postal Code

\_\_\_\_\_  
GST Registration Number (if applicable)

(Choose one)  
The Bidder/Proponent is:

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person The Bidder/Proponent hereby authorizes the following contact person to represent the Bidder/Proponent for purposes of the Bid/Proposal.

\_\_\_\_\_  
Contact Person Title

\_\_\_\_\_  
Telephone Number Facsimile Number

4. Definitions All capitalized terms used in the Contract Documents shall have the meanings ascribed to them in the General Conditions and Tender/RFP documents.

- 5. Offer  
The Bidder/Proponent hereby offers to perform the Work in accordance with the Contract for the price bid, in Canadian funds, set out in the Bid/Proposal.
- 6. Bid Security  
Where Bid Security is required, the Bidder/Proponent provides bid security in the form of a bid bond (Form G1: Bid Bond and Agreement to Bond) in accordance with the Bid Security clause in the Tender document and agrees that it shall be held by the City in accordance with the Contract.
- 7. Execution of Contract Documents  
If required pursuant to C4, the Bidder/Proponent agrees to execute and return the Contract Documents no later than seven (7) Calendar Days after receipt of the Contract Documents, in the manner specified in C4.
- 8. Commencement of the Work  
The Bidder/Proponent agrees that no Work shall commence until he/she is in receipt of a notice of award from the Award Authority authorizing the commencement of the Work.
- 9. Contract  
By submitting a Bid/Proposal in response to this Tender/RFP, the Bidder/Proponent certifies that it has read, understands, and agrees to the terms and conditions of this Tender/RFP and that the Tender/RFP, in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany the Tender/Proposal.
- 10. Addenda  
The Bidder/Proponent certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No.	_____	Dated	_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____

- 11. Time  
This offer shall be open for acceptance, binding and irrevocable for a period of \_\_\_\_\_ (\_\_\_\_) Calendar Days following the Submission Deadline.

- 12. Indigenous Self-Declaration  
The City is requesting that Bidders/Proponents identify if their business is at least 51% owned by one or more Indigenous persons of Canada.  
 YES, 51% or more Indigenous ownership  
 NO, it is not

This information is being gathered for statistical purposes only and will not be used for purposes of evaluation.

13. Signatures

The Bidder/Proponent or the Bidder's/Proponent's authorized official or officials have signed this

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_ .

Signature of Bidder/ Proponent or  
Bidder's/Proponent's Authorized Official or Officials

\_\_\_\_\_

(Print here name and official capacity of individual whose signature  
appears above)

\_\_\_\_\_

(Print here name and official capacity of individual whose signature  
appears above)

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>PART 1 CITY FUNDED WORK</b>						
<b>A</b>	<b><u>RECONSTRUCTION: FORT STREET FROM BROADWAY TO GRAHAM AVENUE</u></b>					
	<b>EARTH AND BASE WORKS</b>					
A.1	Excavation	CW 3110-R21	m <sup>3</sup>	4800		
A.2	Sub-Grade Compaction	CW 3110-R21	m <sup>2</sup>	8200		
A.3	Supplying and Placing Sub-base Material	CW 3110-R21				
i)	50 mm Granular A Limestone		tonne	3250		
ii)	100 mm Granular A Limestone		tonne	6000		
A.4	Supplying and Placing Base Course Material	CW 3110-R21				
i)	Base Course Material - Granular A Limestone		m <sup>3</sup>	850		
A.5	Grading of Boulevards	CW 3110-R21	m <sup>2</sup>	25		
A.6	Removal of Existing Concrete Bases	CW 3110-R21				
i)	600 mm Diameter or Less		each	3		
A.7	Geotextile Fabric	CW 3130-R5				
i)	Separation/Filtration Fabric		m <sup>2</sup>	8200		
A.8	Supply and Install Geogrid	CW 3135-R2				
i)	Class A Geogrid		m <sup>2</sup>	8200		
	<b>ROADWORKS - REMOVALS/RENEWALS</b>					
A..9	Pavement Removal	CW 3110-R21				
i)	Concrete Pavement		m <sup>2</sup>	7900		
ii)	Asphalt Pavement		m <sup>2</sup>	50		
A.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	20		
A.11	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	165		

**FORM B(R1): PRICES**  
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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.12	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk (includes paving stones)	E25	m <sup>2</sup>	2500		
A.13	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk with Block Outs	E41	m <sup>2</sup>	2650		
A.14	Paving Stones for Indicator Surface	CW 3330-R5/ E27				
i)	210 mm x 210 mm x 60 mm Charcoal Holland Paving Stones		m <sup>2</sup>	360		
A.15	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m <sup>2</sup>	10		
b)	5 sq.m. to 20 sq.m.		m <sup>2</sup>	20		
A.16	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (180 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	10		
b)	3 m to 30 m		m	20		
A.17	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m <sup>2</sup>	100		
ii)	50 - 100 mm Depth (Asphalt)		m <sup>2</sup>	20		
A.18	Pavement Repair Fabric	E12	m <sup>2</sup>	20		
A.19	Detectable Warning Surface Tiles	CW 3326-R3	each	20		
<b>ROADWORK - NEW CONSTRUCTION</b>						
A.20	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 250 mm Concrete Pavement (Plain-Dowelled)		m <sup>2</sup>	1650		
ii)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m <sup>2</sup>	3550		

**FORM B(R1): PRICES**  
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iii)	Construction of 200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	400		
A.21	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 250 mm Concrete Pavement for Early Opening 24 Hour (Plain-Dowelled)		m <sup>2</sup>	350		
ii)	Construction of 250 mm Concrete Pavement for Early Opening 72 Hour (Plain-Dowelled)		m <sup>2</sup>	350		
iii)	Construction of 230 mm Concrete Pavement for Early Opening 24 Hour (Plain-Dowelled)		m <sup>2</sup>	760		
iv)	Construction of 230 mm Concrete Pavement for Early Opening 72 Hour (Plain-Dowelled)		m <sup>2</sup>	760		
v)	Construction of 200 mm Concrete Pavement for Early Opening 24 Hour (Reinforced)		m <sup>2</sup>	65		
vi)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m <sup>2</sup>	65		
A.22	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	690		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	130		
iii)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	30		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	200		
A.23	Supply and Installation of Dowel Assemblies	CW 3310-R17	m	1700		
A.24	Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	70		
A.25	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	50		
	<b>JOINT AND CRACK SEALING</b>					
A.26	Reflective Crack Maintenance	CW 3250-R7	m	50		

**FORM B(R1): PRICES**  
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
A.27	Catch Basin	CW 2130-R12				
	i) SD-024, 1800 mm deep		each	17		
	ii) SD-025, 1800 mm deep		each	2		
A.28	Catch Pit	CW 2130-R12				
	i) SD-023		each	4		
A.29	Installation of Curb Inlet Box, Frame and Cover	SD-221, SD-222	each	1		
A.30	Sewer Service	CW 2130-R12				
	i) 250 mm, PVC					
	a) In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	105		
A.31	Drainage Connection Pipe	CW 2130-R12	m	10		
A.32	Frames & Covers	CW 3210-R8				
	i) AP-006 - Standard Frame for Manhole and Catch Basin		each	15		
	ii) AP-007 - Standard Solid Cover for Standard Frame		each	15		
	iii) AP-008 - Standard Grated Cover for Standard Frame		each	1		
	iv) AP-011 - Barrier Curb and Gutter Frame		each	1		
	v) AP-012 - Barrier Curb and Gutter Cover		each	1		
A.33	Connecting to Existing Sewer	CW 2130-R12				
	i) 250 mm (Type PVC) Connecting Pipe					
	a) Connecting to 300 mm (CS) Sewer		each	14		
A.34	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
	i) 250 mm		each	3		
A.35	Abandoning Existing Catch Basins	CW 2130-R12	each	11		

**FORM B(R1): PRICES**  
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.36	Removal of Existing Catch Basins	CW 2130-R12	each	15		
A.37	Removal of Existing Catch Pit	CW 2130-R12	each	9		
A.38	Catch Basin Cleaning	CW 2140-R4	each	1		
A.39	Installation of Subdrains	CW 3120-R4	m	400		
A.40	Watermain and Water Service Insulation	E15	m <sup>2</sup>	2300		
A.41	Catch Basin Flow Restrictors	CW 2130-R12/ E16	each	16		
A.42	Abandoning Existing Sewer Services under Existing or Future Pavement	CW 2130-R12	each	12		
A.43	Catchpit and Catchbasin Insulation	CW 2130-R12/ E14	each	18		
<b>ADJUSTMENTS</b>						
A.44	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	15		
A.45	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.5		
A.46	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	2		
ii)	51 mm		each	15		
iii)	76 mm		each	3		
A.47	Adjustment of Valve Boxes	CW 3210-R8	each	8		
A.48	Valve Box Extensions	CW 3210-R8	each	14		
A.49	Adjustment of Curb Stop Boxes	CW 3210-R8	each	5		
A.50	Curb Stop Extensions	CW 3210-R8	each	1		
A.51	Adjustment of Traffic Signal Service Box Frames	CW 3210-R8	each	1		
<b>LANDSCAPING</b>						
A.52	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m <sup>2</sup>	20		



**FORM B(R1): PRICES**  
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>MISCELLANEOUS</b>					
A.53	Tree Removal	E24	each	1		
A.54	Tree Vaults	E28	m <sup>2</sup>	32		
A.55	Pick Up and Install Tree Grates	E28	each	2		
A.56	Supply and Install Tree Grate Frames	E28	each	2		
A.57	Long Term Maintenance	E33				
i)	General Maintenance of Plant Material		years	2		
A.58	Supply and Install Tree Vault Covers	E28	each	12		
A.59	Pick Up and Install Tree Guard	E28	each	2		
A.60	Supply and Install Planting Medium	E29	m <sup>3</sup>	20		
A.61	Plant Material	E32				
i)	Brandon Elm		each	2		
A.62	Hydro Excavation	E13	hours	100		
A.63	Removal and Installation of Utility Frame and Cover	E18	each	3		
A.64	Installation of Utility Riser Rings	E18	each	2		
A.65	Green Bike Lane Treatment	E19	m <sup>2</sup>	50		
A.66	Supply and Install Bicycle Rack	E30	each	4		
<b>A</b>	<b><u>RECONSTRUCTION: FORT STREET FROM BROADWAY TO GRAHAM AVENUE</u></b>					
					Subtotal:	

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>B</b>	<b><u>RECONSTRUCTION: HARGRAVE STREET FROM PORTAGE AVENUE TO ELLICE AVENUE</u></b>					
	<b>EARTH AND BASE WORKS</b>					
B.1	Excavation	CW 3110-R21	m <sup>3</sup>	1490		
B.2	Sub-Grade Compaction	CW 3110-R21	m <sup>2</sup>	2450		
B.3	Supplying and Placing Sub-base Material	CW 3110-R21				
i)	50 mm Granular A Limestone		tonne	975		
ii)	100 mm Granular A Limestone		tonne	1775		
B.4	Supplying and Placing Base Course Material	CW 3110-R21				
i)	Base Course Material - Granular A Limestone		m <sup>3</sup>	260		
B.5	Grading of Boulevards	CW 3110-R21	m <sup>2</sup>	25		
B.6	Removal of Existing Concrete Bases	CW 3110-R21				
i)	600 mm Diameter or Less		each	3		
B.7	Geotextile Fabric	CW 3130-R5				
i)	Separation/Filtration Fabric		m <sup>2</sup>	2450		
B.8	Supply and Install Geogrid	CW 3135-R2				
i)	Class A Geogrid		m <sup>2</sup>	2450		
	<b>ROADWORKS - REMOVALS/RENEWALS</b>					
B.9	Pavement Removal	CW 3110-R21				
i)	Concrete Pavement		m <sup>2</sup>	2400		
ii)	Asphalt Pavement		m <sup>2</sup>	50		
B.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	20		
B.11	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	25		

**FORM B(R1): PRICES**  
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.12	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk (including paving stones)	E25	m <sup>2</sup>	950		
B.13	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk with Block Outs	E41	m <sup>2</sup>	950		
B.14	Paving Stone Indicator Surfaces	CW 3330-R5/ E27				
a)	210 mm x 210 mm x 60 mm Charcoal Holland Paving Stones		m <sup>2</sup>	110		
B.15	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m <sup>2</sup>	10		
b)	5 sq.m. to 20 sq.m.		m <sup>2</sup>	20		
B.16	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (180 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	10		
b)	3 m to 30 m		m	20		
B.17	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m <sup>2</sup>	65		
ii)	50 - 100 mm Depth (Asphalt)		m <sup>2</sup>	20		
B.18	Pavement Repair Fabric	E12	m <sup>2</sup>	20		
B.19	Detectable Warning Surface Tiles	CW 3326-R3	each	12		
<b>ROADWORKS - NEW CONSTRUCTION</b>						
B.20	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m <sup>2</sup>	1670		
ii)	Construction of 200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	100		
iii)	Construction of 200 mm Concrete Pavement (Plain-Dowelled)		m <sup>2</sup>	300		

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iv)	Construction of Monolithic Concrete Median Slabs	SD-226A	m <sup>2</sup>	150		
v)	Construction of Monolithic Concrete Bull-noses	SD-227C	m <sup>2</sup>	20		
B.21	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 230 mm Concrete Pavement for Early Opening 24 Hour (Plain-Dowelled)		m <sup>2</sup>	350		
ii)	Construction of 230 mm Concrete Pavement for Early Opening 72 Hour (Plain-Dowelled)		m <sup>2</sup>	350		
iii)	Construction of 200 mm Concrete Pavement for Early Opening 24 Hour (Reinforced)		m <sup>2</sup>	70		
iv)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m <sup>2</sup>	70		
B.22	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	210		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	30		
iii)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	30		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	90		
B.23	Supply and Installation of Dowel Assemblies	CW 3310-R17	m	600		
B.24	Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	75		
B.25	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	50		
	<b>JOINT AND CRACK SEALING</b>					
B.26	Reflective Crack Maintenance	CW 3250-R7	m	40		

**FORM B(R1): PRICES**  
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
B.27	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	5		
B.28	Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
B.29	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	35		
B.30	Drainage Connection Pipe	CW 2130-R12	m	10		
B.31	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	5		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	5		
iii)	AP-008 - Standard Grated Cover for Standard Frame		each	1		
iv)	AP-011 - Barrier Curb and Gutter Frame		each	1		
v)	AP-012 - Barrier Curb and Gutter Cover		each	1		
B.32	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 300 mm (CS) Sewer		each	5		
B.33	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	1		
B.34	Abandoning Existing Catch Basins	CW 2130-R12	each	1		
B.35	Removal of Existing Catch Basins	CW 2130-R12	each	4		
B.36	Removal of Existing Catch Pit	CW 2130-R12	each	1		

**FORM B(R1): PRICES**  
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.37	Catch Basin Cleaning	CW 2140-R4	each	1		
B.38	Installation of Subdrains	CW 3120-R4	m	120		
B.39	Watermain and Water Service Insulation	E15	m <sup>2</sup>	680		
B.40	Catch Basin Flow Restrictors	CW 2130-R12/ E16	each	5		
B.41	Abandoning Existing Sewer Services under Existing or Future Pavement	CW 2130-R12	each	4		
B.42	Catchpit and Catchbasin Insulation	CW 2130-R12/ E14	each	3		
<b>ADJUSTMENTS</b>						
B.43	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	5		
B.44	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
ii)	Brick Risers		vert. m	0.5		
B.45	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	5		
iii)	76 mm		each	1		
B.46	Adjustment of Valve Boxes	CW 3210-R8	each	2		
B.47	Valve Box Extensions	CW 3210-R8	each	8		
B.48	Adjustment of Curb Stop Boxes	CW 3210-R8	each	2		
B.49	Curb Stop Extensions	CW 3210-R8	each	1		
B.50	Adjustment of Traffic Signal Service Box Frames	CW 3210-R8	each	3		
<b>LANDSCAPING</b>						
B.51	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m <sup>2</sup>	25		
<b>MISCELLANEOUS</b>						
B.52	Tree Removal	E24	each	3		

**FORM B(R1): PRICES**  
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.53	Tree Vaults	E28	m <sup>2</sup>	32		
B.54	Pick Up and Install Tree Grates	E28	each	2		
B.55	Supply and Install Tree Grate Frames	E28	each	2		
B.56	Long Term Maintenance	E33				
i)	General Maintenance of Plant Material		years	2		
B.57	Supply and Install Tree Vault Covers	E28	each	12		
B.58	Pick Up and Install Tree Guard	E28	each	2		
B.59	Supply and Install Planting Medium	E29	m <sup>3</sup>	20		
B.60	Plant Material	E32				
i)	Hackberry		each	2		
B.61	Hydro Excavation	E13	hours	100		
B.62	Removal and Installation of Utility Frame and Cover	E18	each	4		
B.63	Installation of Utility Riser Rings	E18	each	1		
<b>B</b>	<b><u>RECONSTRUCTION: HARGRAVE STREET FROM PORTAGE AVENUE TO ELLICE AVENUE</u></b>				Subtotal:	

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>C</b>	<b><u>THIN BITUMINOUS OVERLAY - PORTAGE AVENUE FROM MEMORIAL STREET TO FORT STREET</u></b>					
	<b>EARTH AND BASE WORKS</b>					
C.1	Excavation	CW 3110-R21	m <sup>3</sup>	55		
C.2	Supplying and Placing Base Course Material	CW 3110-R21				
i)	Base Course Material - Granular A Limestone		m <sup>3</sup>	115		
	<b>ROADWORKS - REMOVALS/RENEWALS</b>					
C.3	Partial Slab Patches	CW 3230-R8				
i)	250 mm Concrete Pavement (Type A)		m <sup>2</sup>	50		
ii)	250 mm Concrete Pavement (Type B)		m <sup>2</sup>	20		
iii)	250 mm Concrete Pavement (Type D)		m <sup>2</sup>	500		
C.4	Partial Slab Patches - Early Opening (24 hour)	CW 3230-R8				
i)	250 mm Concrete Pavement (Type A)		m <sup>2</sup>	25		
ii)	250 mm Concrete Pavement (Type B)		m <sup>2</sup>	10		
iii)	250 mm Concrete Pavement (Type C)		m <sup>2</sup>	10		
iv)	250 mm Concrete Pavement (Type D)		m <sup>2</sup>	250		
C.5	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	250 mm Concrete Pavement (Type B)		m <sup>2</sup>	5		
ii)	250 mm Concrete Pavement (Type D)		m <sup>2</sup>	240		
C.6	Asphalt Patching of Partial Depth Joints	E20	m <sup>2</sup>	300		
C.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	85		



**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	460		
C.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m <sup>2</sup>	45		
b)	5 sq.m. to 20 sq.m.		m <sup>2</sup>	325		
c)	Greater than 20 sq.m.		m <sup>2</sup>	530		
C.10	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	65		
b)	3 m to 30 m		m	120		
c)	Greater than 30 m		m	50		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	100		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	250		
C.11	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	60		
C.12	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	4500		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	350		
C.13	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m <sup>2</sup>	50		
ii)	50 - 100 mm Depth (Asphalt)		m <sup>2</sup>	50		
C.14	Pavement Repair Fabric	E12	m <sup>2</sup>	550		

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.15	Detectable Warning Surface Tiles	CW 3326-R3	each	74		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
C.16	Interlocking Paving Stones	CW 3335-R1	m <sup>2</sup>	230		
	<b>JOINT AND CRACK SEALING</b>					
C.17	Reflective Crack Maintenance	CW 3250-R7	m	10000		
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
C.18	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	7		
C.19	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	4		
C.20	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	1		
iii)	AP-008 - Standard Grated Cover for Standard Frame		each	1		
iv)	AP-011 - Barrier Curb and Gutter Frame		each	20		
v)	AP-012 - Barrier Curb and Gutter Cover		each	20		
C.21	Catch Basin Cleaning	CW 2140-R4	each	20		
	<b>ADJUSTMENTS</b>					
C.22	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	5		
C.23	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	2		
ii)	51 mm		each	10		

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iii)	76 mm		each	5		
C.24	Adjustment of Valve Boxes	CW 3210-R8	each	2		
C.25	Valve Box Extensions	CW 3210-R8	each	23		
C.26	Adjustment of Curb Stop Boxes	CW 3210-R8	each	1		
C.27	Curb Stop Extensions	CW 3210-R8	each	5		
C.28	Adjustment of Curb and Gutter Frames	CW 3210-R8	each	20		
	<b>MISCELLANEOUS</b>					
C.29	Removal and Installation of Utility Frame and Cover	E18	each	9		
C.30	Installation of Utility Riser Rings	E18	each	43		
C.31	Green Bike Lane Treatment	E19	m <sup>2</sup>	200		
C.32	Installation of Temporary Pedestrian Bus Ramps	E38	each	10		
<b>C</b>	<b><u>THIN BITUMINOUS OVERLAY - PORTAGE AVENUE FROM MEMORIAL STREET TO FORT STREET</u></b>				Subtotal:	

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>D</b>	<b><u>THIN BITUMINOUS OVERLAY - CARLTON STREET FROM PORTAGE AVENUE TO ELLICE AVENUE</u></b>					
	<b>EARTH AND BASE WORKS</b>					
D.1	Excavation	CW 3110-R21	m <sup>3</sup>	20		
D.2	Supplying and Placing Base Course Material	CW 3110-R21				
i)	Base Course Material - Granular A Limestone		m <sup>3</sup>	30		
	<b>ROADWORKS - REMOVALS/RENEWALS</b>					
D.3	Partial Slab Patches	CW 3230-R8				
i)	230 mm Concrete Pavement (Type A)		m <sup>2</sup>	10		
ii)	230 mm Concrete Pavement (Type B)		m <sup>2</sup>	70		
iii)	230 mm Concrete Pavement (Type D)		m <sup>2</sup>	70		
D.4	Partial Slab Patches - Early Opening (24 hour)	CW 3230-R8				
i)	230 mm Concrete Pavement (Type B)		m <sup>2</sup>	35		
ii)	230 mm Concrete Pavement (Type D)		m <sup>2</sup>	35		
D.5	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	230 mm Concrete Pavement (Type B)		m <sup>2</sup>	35		
ii)	230 mm Concrete Pavement (Type D)		m <sup>2</sup>	35		
D.6	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	30		
D.7	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	300		
D.8	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	a) Less than 5 sq.m.		m <sup>2</sup>	10		
	b) 5 sq.m. to 20 sq.m.		m <sup>2</sup>	70		
	c) Greater than 20 sq.m.		m <sup>2</sup>	180		
D.9	Concrete Curb Renewal	CW 3240-R10				
	i) Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
	a) Less than 3 m		m	5		
	b) 3 m to 30 m		m	15		
	c) Greater than 30 m		m	30		
	ii) Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	10		
	iii) Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	55		
D.10	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	20		
D.11	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
	i) Main Line Paving					
	a) Type IA		tonne	450		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	30		
D.12	Planing of Pavement	CW 3450-R6				
	i) 1 - 50 mm Depth (Asphalt)		m <sup>2</sup>	30		
	ii) 50 - 100 mm Depth (Asphalt)		m <sup>2</sup>	20		
D.13	Pavement Repair Fabric	E12	m <sup>2</sup>	20		
D.14	Detectable Warning Surface Tiles	CW 3326-R3	each	12		
	<b>JOINT AND CRACK SEALING</b>					
D.15	Reflective Crack Maintenance	CW 3250-R7	m	1100		

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
D.16	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	2		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	3		
iii)	AP-008 - Standard Grated Cover for Standard Frame		each	1		
iv)	AP-011 - Barrier Curb and Gutter Frame		each	3		
v)	AP-012 - Barrier Curb and Gutter Cover		each	3		
D.17	Catch Basin Cleaning	CW 2140-R4	each	4		
	<b>ADJUSTMENTS</b>					
D.18	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	2		
D.19	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	4		
iii)	76 mm		each	1		
D.20	Adjustment of Valve Boxes	CW 3210-R8	each	3		
D.21	Valve Box Extensions	CW 3210-R8	each	3		
D.22	Adjustment of Curb Stop Boxes	CW 3210-R8	each	2		
D.23	Curb Stop Extensions	CW 3210-R8	each	1		
D.24	Adjustment of Curb and Gutter Frames	CW 3210-R8	each	4		
D.25	Removal and Installation of Utility Frame and Cover	E18	each	1		
D.26	Installation of Utility Riser Rings	E18	each	2		
<b>D</b>	<b><u>THIN BITUMINOUS OVERLAY - CARLTON STREET FROM PORTAGE AVENUE TO ELLICE AVENUE</u></b>				Subtotal:	

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>E</b>	<b><u>SEWER REPAIRS: CARLTON STREET, FORT STREET, HARGRAVE STREET</u></b>					
	<b>CARLTON STREET (MH20014246)</b>					
E.1	Remove and Replace Manhole	CW 2130-R12				
	i) SD-010					
	a) 1200 mm Diameter Base		vt.m.	3.6		
E.2	Manhole Inspection (following repair)	CW 2145-R4	each	1		
	<b>FORT STREET (MH20014452)</b>					
E.3	Remove and Replace Risers	CW 2130-R12				
	i) SD-010					
	a) 750 mm Diameter Risers		vt.m.	0.75		
E.4	Manhole Inspection (following repair)	CW 2145-R4	each	1		
	<b>FORT STREET (MH20014456)</b>					
E.5	Remove and Replace Risers	CW 2130-R12				
	i) SD-010					
	a) 750 mm Diameter Risers		vt.m.	1.2		
E.6	Manhole Inspection (following repair)	CW 2145-R4	each	1		
	<b>FORT STREET (MH20014549)</b>					
E.7	Remove and Replace Risers	CW 2130-R12				
	i) SD-010					
	a) 750 mm Diameter Risers		vt.m.	0.9		
E.8	Manhole Inspection (following repair)	CW 2145-R4	each	1		
	<b>FORT STREET (MH20014453)</b>					
E.9	Remove Flush Tank and Replace with Manhole	CW 2130-R12				
	i) SD-010					

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	a) 1200 mm Diameter Base		vt.m.	3.0		
E.10	Manhole Inspection (following repair)	CW 2145-R4	each	1		
	<b>FORT STREET (MA20016063)</b>					
E.11	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
	i) 300 mm Combined Sewer					
	a) Class 3 Backfill		each	2		
E.12	Sewer Inspection ( following repair)	CW 2145-R4				
	i) 300 mm Combined Sewer		m	91.9		
E.13	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
	i) 150 mm Wastewater Sewer		each	2		
	ii) 250 mm Land Drainage Sewer		each	1		
	<b>HARGRAVE STREET (MH70007952)</b>					
E.14	Remove and Replace Manhole	CW 2130-R12				
	i) SD-010					
	a) 1200 mm Diameter Base		vt.m.	3.5		
E.15	Manhole Inspection (following repair)	CW 2145-R4	each	1		
	<b>HARGRAVE STREET (MH70007953)</b>					
E.16	Remove and Replace Risers	CW 2130-R12				
	i) SD-010					
	a) 750 mm Diameter Risers		vt.m.	1.7		
E.17	Manhole Inspection (following repair)	CW 2145-R4	each	1		
	<b>HARGRAVE STREET (MH20014258)</b>					
E.18	Remove Partial Flush Tank and Replace with Manhole	CW 2130-R12				
	i) SD-010					



**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	a) 1200 mm Diameter Base		vt.m.	2.8		
E.19	Manhole Inspection (following repair)	CW 2145-R4	each	1		
	<b>HARGRAVE STREET (MA70021966)</b>					
E.20	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
	i) 200 mm Combined Sewer					
	a) Class 3 Backfill		each	1		
E.21	Sewer Inspection ( following repair)	CW 2145-R4				
	i) 200 mm, Combined Sewer		m	61.4		
E.22	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
	i) 200 mm Wastewater Sewer		each	1		
	<b>HARGRAVE STREET (MA70020611)</b>					
E.23	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
	i) 300 mm Combined Sewer					
	a) Class 3 Backfill		each	1		
E.24	Sewer Inspection ( following repair)	CW 2145-R4				
	i) 300 mm Combined Sewer		m	57.1		
E.25	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
	i) 150 mm Wastewater Sewer		each	1		
	<b>HARGRAVE STREET (MA20015844)</b>					
E.26	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
	i) 250 mm SRS					
	a) Class 3 Backfill		each	1		
E.27	Sewer Inspection ( following repair)	CW 2145-R4				
	i) 250 mm, SRS		m	63.8		

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.28	Potential Alteration to Private Sprinkler Line	CW 2110-R11	each	1		
<b>E</b>	<b><u>SEWER REPAIRS: CARLTON STREET, FORT STREET, HARGRAVE STREET</u></b>				Subtotal:	

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>F</b>	<b><u>TRAFFIC SIGNALS INSTALLATIONS</u></b>					
	<b>Broadway &amp; Fort</b>					
	<b>INSTALLATIONS</b>					
F.1	Installation of Conduit	CW 3620				
i)	Installation of Conduit in Open Trench -Single	CW 3620	m	5		
ii)	Installation of Conduit in Open Trench - Double	CW 3620	m	20		
iii)	Installation of Conduit by Directional Boring - Single	CW 3620	m	30		
iv)	Installation of Conduit by Directional Boring - Double	CW 3620	m	15		
F.2	Installation of Concrete Bases	CW 3620				
i)	Signal Pole Base - Type OD (Medium Duty – 32 Dia. Bolts)	SD-312A	each	3		
F.3	Installation of Service Boxes	CW 3620				
i)	Service Box – Pre-Cast	SD-322	each	2		
F.4	Installation of Conduit into Existing Utility Manholes and Service Boxes	CW 3620				
i)	Installation of Conduit into Traffic Signal Service Boxes	CW 3620	each	2		
ii)	Installation of Conduit into Existing Concrete Base	CW 3620	each	1		
	<b>REMOVALS</b>					
F.5	Removal of Street Pavement Material	CW 3620	m <sup>2</sup>	15		
F.6	Removal of Miscellaneous Slabs Material	CW 3620	m <sup>2</sup>	20		
F.7	Removal of Existing Bases and Service Boxes	CW 3620				
i)	Signal Pole Base, Controller, Terminal Base, Service Box	CW 3620	each	4		
	<b>PAVEMENT RESTORATIONS</b>					
F.8	Capping for Temporary Restoration of Street Pavement	CW 3620	m <sup>2</sup>	15		

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.9	Capping for Temporary Restoration of Miscellaneous Slabs	CW 3620	m <sup>2</sup>	20		
	<b>MISCELLANEOUS</b>					
F.10	Cutovers	CW 3620	each	3		
	<b>Fort &amp; York</b>					
	<b>INSTALLATIONS</b>					
F.11	Installation of Conduit	CW 3620				
i)	Installation of Conduit in Open Trench -Single	CW 3620	m	55		
ii)	Installation of Conduit in Open Trench - Double	CW 3620	m	40		
iii)	Installation of Conduit by Directional Boring - Single	CW 3620	m	65		
iv)	Installation of Conduit by Directional Boring - Double	CW 3620	m	65		
F.12	Installation of Concrete Bases	CW 3620				
i)	Signal Pole Base – Type G (Light Duty – 32 Dia. Bolts)	SD-313	each	2		
ii)	Signal Pole Base - Type OD (Medium Duty – 32 Dia. Bolts)	SD-312A	each	3		
iii)	Controller Base	SD-300	each	1		
iv)	Ground Rods (Electrodes)	CW 3620	each	1		
F.13	Installation of Service Boxes	CW 3620				
i)	Service Box – Pre-Cast	SD-322	each	4		
F.14	Installation of Conduit into Existing Utility Manholes and Service Boxes	CW 3620				
i)	Installation of Conduit into Traffic Signal Service Boxes	CW 3620	each	4		
	<b>REMOVALS</b>					
F.15	Removal of Street Pavement Material	CW 3620	m <sup>2</sup>	30		
F.16	Removal of Miscellaneous Slabs Material	CW 3620	m <sup>2</sup>	40		

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.17	Removal of Existing Bases and Service Boxes	CW 3620				
i)	Signal Pole Base, Controller, Terminal Base, Service Box	CW 3620	each	10		
	<b>PAVEMENT RESTORATIONS</b>					
F.18	Capping for Temporary Restoration of Street Pavement	CW 3620	m <sup>2</sup>	30		
F.19	Capping for Temporary Restoration of Miscellaneous Slabs	CW 3620	m <sup>2</sup>	40		
	<b>MISCELLANEOUS</b>					
F.20	Cutovers	CW 3620	each	2		
	<b>Fort &amp; St. Mary</b>					
	<b>INSTALLATIONS</b>					
F.21	Installation of Conduit	CW 3620				
i)	Installation of Conduit in Open Trench -Single	CW 3620	m	50		
ii)	Installation of Conduit in Open Trench - Double	CW 3620	m	30		
iii)	Installation of Conduit by Directional Boring - Single	CW 3620	m	60		
iv)	Installation of Conduit by Directional Boring - Double	CW 3620	m	60		
F.22	Installation of Concrete Bases	CW 3620				
i)	Signal Pole Base – Type G (Light Duty – 32 Dia. Bolts)	SD-313	each	1		
ii)	Signal Pole Base - Type OD (Medium Duty – 32 Dia. Bolts)	SD-312A	each	4		
iii)	Pedestal Base	SD-302	each	1		
iv)	Controller Base	SD-300	each	1		
v)	Ground Rods (Electrodes)	CW 3620	each	2		
F.23	Installation of Service Boxes	CW 3620				
i)	Service Box – Pre-Cast	SD-322	each	4		

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.24	Installation of Conduit into Existing Utility Manholes and Service Boxes	CW 3620				
i)	Installation of Conduit into Traffic Signal Service Boxes	CW 3620	each	4		
	<b>REMOVALS</b>					
F.25	Removal of Street Pavement Material	CW 3620	m <sup>2</sup>	30		
F.26	Removal of Miscellaneous Slabs Material	CW 3620	m <sup>2</sup>	40		
F.27	Removal of Existing Bases and Service Boxes	CW 3620				
i)	Signal Pole Base, Controller, Terminal Base, Service Box	CW 3620	each	8		
	<b>PAVEMENT RESTORATIONS</b>					
F.28	Capping for Temporary Restoration of Street Pavement	CW 3620	m <sup>2</sup>	30		
F.29	Capping for Temporary Restoration of Miscellaneous Slabs	CW 3620	m <sup>2</sup>	40		
	<b>MISCELLANEOUS</b>					
F.30	Cutovers	CW 3620	each	3		
	<b>Ellice &amp; Hargrave</b>					
	<b>INSTALLATIONS</b>					
F.31	Installation of Conduit	CW 3620				
i)	Installation of Conduit in Open Trench -Single	CW 3620	m	10		
F.32	Installation of Concrete Bases	CW 3620				
i)	Signal Pole Base - Type OD (Medium Duty – 32 Dia. Bolts)	SD-312A	each	1		
	<b>REMOVALS</b>					
F.33	Removal of Miscellaneous Slabs Material	CW 3620	m <sup>2</sup>	10		
F.34	Removal of Existing Bases and Service Boxes	CW 3620				
i)	Signal Pole Base, Controller, Terminal Base, Service Box	CW 3620	each	1		

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>PAVEMENT RESTORATIONS</b>					
F.35	Capping for Temporary Restoration of Miscellaneous Slabs	CW 3620	m <sup>2</sup>	10		
	<b>MISCELLANEOUS</b>					
F.36	Cutovers	CW 3620	each	1		
<b>F</b>	<b><u>TRAFFIC SIGNALS INSTALLATIONS</u></b>				Subtotal:	\$ -

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>PART 2 MANITOBA HYDRO/PROVINCIALY FUNDED WORK</b> <b>(See B9.6, B17.2.1, B18.6, D2.1, D12.2-3, D13.4)</b>						
<b>G <u>STREET LIGHT INSTALLATION - HARGRAVE STREET BETWEEN ELLICE AVENUE AND PORTAGE AVENUE</u></b>						
G.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E42.	each	1		
G.2	Removal of 45' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E42.	each	1		
G.3	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E42.	m	115		
G.4	Installation of cable(s) (#4 AL C/N or 1/0 AL Triplex) by boring method.	E42.	m	115		
G.5	Installation of one (1) 10' ground rod at every 3rd street light, at the end of every street light circuit and anywhere else as shown on the design drawings. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E42.	each	2		
G.6	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E42.	each	6		
G.7	Splicing #4 Al C/N or 2 single conductor street light cables.	E42.	each	2		
G.8	Installation of overhead span of #6 duplex between new or existing streetlight poles and connect luminaire to provide temporary Overhead Feed.	E42.	each	1		
G.9	Removal of overhead span of #6 duplex between new or existing streetlight poles to remove temporary Overhead Feed.	E42.	each	4		
G.10	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E42.	each	6		
<b>G</b>	<b><u>STREET LIGHT INSTALLATION - HARGRAVE STREET BETWEEN ELLICE AVENUE AND PORTAGE AVENUE</u></b>				Subtotal:	



**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>H</b>	<b><u>STREET LIGHT INSTALLATION - FORT STREET BETWEEN GRAHAM AVENUE AND BROADWAY</u></b>					
H.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E42.	each	8		
H.2	Removal of 45' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E42.	each	3		
H.3	Removal of 12 - 35' Galvanized street light davits, arms, luminaires and Install 12- 35' spun aluminum davits, arms and luminaires. 12 galvanized davits to be returned to Hydro.	E42.	each	12		
H.4	Removal of 35' "Trolley" poles, poured in place concrete base, arm and luminaire	E42.	each	11		
H.5	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E42.	m	1100		
H.6	Installation of cable(s) (#4 AL C/N or 1/0 AL Triplex) by boring method.	E42.	m	1100		
H.7	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E42.	each	21		
H.8	Installation of one (1) 10' ground rod at every 3rd street light, at the end of every street light circuit and anywhere else as shown on the design drawings. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E42.	each	11		
H.9	Install lower 3 m of Cable Guard, ground lug, cable up pole, and first 3 m section of ground rod per Standard CD 315-5.	E42.	each	2		
H.10	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E42.	each	20		
H.11	Splicing 1/0 AL triplex cable or 3 single conductor street light cables.	E42.	each	4		
H.12	Installation of break-away base and reaction plate on base mounted poles up to 35'.	E42.	each	6		
H.13	Installation of overhead span of #6 duplex between new or existing streetlight poles and connect luminaire to provide temporary Overhead Feed.	E42.	each	20		
H.14	Removal of overhead span of #6 duplex between new or existing streetlight poles to remove temporary Overhead Feed.	E42.	each	20		

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.15	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E42.	each	8		
<b>H</b>	<b><u>STREET LIGHT INSTALLATION - FORT STREET BETWEEN GRAHAM AVENUE AND BROADWAY</u></b>				Subtotal:	

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
I	<b><u>MOBILIZATION /DEMOLIBIZATION</u></b>						
I.1	Mobilization/Demobilization	E40	L. sum	1			
I	<b><u>MOBILIZATION /DEMOLIBIZATION</u></b>					Subtotal:	

**FORM B(R1): PRICES**  
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>PART 1 CITY FUNDED WORK</b>						
A	<u>RECONSTRUCTION: FORT STREET FROM BROADWAY TO GRAHAM AVENUE</u>				Subtotal:	
B	<u>RECONSTRUCTION: HARGRAVE STREET FROM PORTAGE AVENUE TO ELLICE AVENUE</u>				Subtotal:	
C	<u>THIN BITUMINOUS OVERLAY - PORTAGE AVENUE FROM MEMORIAL STREET TO FORT STREET</u>				Subtotal:	
D	<u>THIN BITUMINOUS OVERLAY - CARLTON STREET FROM PORTAGE AVENUE TO ELLICE AVENUE</u>				Subtotal:	
E	<u>SEWER REPAIRS: CARLTON STREET, FORT STREET, HARGRAVE STREET</u>				Subtotal:	
F	<u>TRAFFIC SIGNALS INSTALLATIONS</u>				Subtotal:	
<b>(total price) PART 1</b>						
<b>PART 2 MANITOBA HYDRO/PROVINCIALY FUNDED WORK</b> (See B9.6, B17.2.1, B18.6, D2.1, D12.2-3, D13.4)						
G	<u>STREET LIGHT INSTALLATION - HARGRAVE STREET BETWEEN ELLICE AVENUE AND PORTAGE AVENUE</u>				Subtotal:	
H	<u>STREET LIGHT INSTALLATION - FORT STREET BETWEEN GRAHAM AVENUE AND BROADWAY</u>				Subtotal:	
<b>(total price) PART 2</b>						
I	<u>MOBILIZATION /DEMOLIBIZATION</u>				Subtotal:	
TOTAL BID PRICE (GST extra) (in figures) _____						