

FORM A: BID
(See B8)

1. Contract Title 2016 LOCAL STREET RENEWAL PROGRAM: BEDSON STREET,
OLIVE STREET AND VARIOUS OTHER LOCATIONS

2. Bidder

Name of Bidder

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

Street

City

Province

Postal Code

Email Address of Bidder

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City

Province

Postal Code

(Choose one)

The Bidder is:

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person

The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.

Contact Person

Title

Telephone Number

Facsimile Number

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions.

5. Offer

The Bidder hereby offers to perform the Work in accordance with the Contract for the Total Bid Price, in Canadian funds, set out on Form B: Prices, appended hereto.

6. Bid Security In accordance with B12.1, the Bidder encloses bid security in the form of:

(Choose one)

- a bid bond (Form G1: Bid Bond and Agreement to Bond)
- an irrevocable standby letter of credit (Form G2: Irrevocable Standby Letter of Credit and Undertaking)
- a certified cheque or draft

and agrees that it shall be held by the City in accordance with the Contract.

7. Execution of Contract The Bidder agrees to execute and return the Contract no later than seven (7) Calendar Days after receipt of the Contract, in the manner specified in C4.

8. Commencement of the Work The Bidder agrees that no Work shall commence until he/she is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.

9. Contract The Bidder agrees that the Bid Opportunity 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 this Bid.

10. Addenda The Bidder 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 Sixty (60) Calendar Days following the Submission Deadline.

12. Signatures

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

_____ day of _____, 20_____.

Signature of Bidder or
Bidder'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: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 1: CITY FUNDED WORK						
A	<u>ASPHALT RECONSTRUCTION: OLIVE STREET - PORTAGE AVENUE TO ASSINIBOINE CRESCENT</u>					
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R19	m ³	640		
A.2	Sub-Grade Compaction	CW 3110-R19	m ²	1410		
A.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm - Crushed Concrete		tonne	1150		
A.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	270		
A.5	Grading of Boulevards	CW 3110-R19	m ²	1100		
A.6	Separation Geotextile Fabric	CW 3130-R4	m ²	1410		
	ROADWORKS - RENEWALS					
A.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	1335		
ii)	Asphalt Pavement		m ²	10		
A.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	50		
A.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	100		
A.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m ²	20		
A.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
A.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
A.13	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	60		
A.15	Detectable Warning Surface Tiles	CW 3326-R3	each	2		
ROADWORKS - NEW CONSTRUCTION						
A.16	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	50		
ii)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	140		
A.17	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	10		
ii)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	140		
A.18	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	35		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	30		
iii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	210		
iv)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	75		
v)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	10		
A.19	Interlocking Paving Stones	CW 3330-R5	m ²	45		
A.20	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	270		
ii)	Tie-ins and Approaches					

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	a) Type IA		tonne	20		
	JOINT AND CRACK SEALING					
A.21	Reflective Crack Maintenance	CW 3250-R7	m	100		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.22	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
	i) AP-004 - Standard Frame for Manhole and Catch Basin		each	3		
	ii) AP-005 - Standard Solid Cover for Standard Frame		each	3		
	iii) AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	1		
	iv) AP-009 - Barrier Curb and Gutter Inlet Cover		each	1		
A.23	Watermain and Water Service Insulation	E11				
	i) Pipe under Roadway Excavation (SD-018)		m ²	80		
A.24	Catch Basin Cleaning	CW 2140-R3	each	1		
	ADJUSTMENTS					
A.25	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	7		
A.26	Replacing Existing Risers	CW 2130-R12				
	i) Pre-cast Concrete Risers		vert. m	1		
A.27	Lifter Rings	CW 3210-R7				
	i) 51 mm		each	3		
A.28	Adjustment of Valve Boxes	CW 3210-R7	each	7		
A.29	Valve Box Extensions	CW 3210-R7	each	2		
A.30	Adjustment of Curb Stop Boxes	CW 3210-R7	each	5		
A.31	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	1		
A.32	Curb Stop Extensions	CW 3210-R7	each	2		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.33	LANDSCAPING Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	200		
ii)	width > or = 600 mm		m ²	900		
A.34	Hydro Excavation	E12	hr	10		
A	<u>ASPHALT RECONSTRUCTION: OLIVE STREET - PORTAGE AVENUE TO ASSINIBOINE CRESCENT</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>REHABILITATION: BEDSON STREET - SANSOME AVENUE TO ALLARD AVENUE</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R19	m ³	160		
B.2	Supplying and Placing Base Course Material	CW 3110-R19	m ³	160		
B.3	Grading of Boulevards	CW 3110-R19	m ²	800		
	ROADWORKS - RENEWALS					
B.4	Pavement Removal	CW 3110-R19				
	i) Concrete Pavement		m ²	445		
	ii) Asphalt Pavement		m ²	220		
B.5	Slab Replacement	CW 3230-R8				
	i) 150 mm Concrete Pavement (Reinforced)		m ²	170		
B.6	Partial Slab Patches	CW 3230-R8				
	i) 150 mm Concrete Pavement (Type B)		m ²	88		
	ii) 150 mm Concrete Pavement (Type D)		m ²	22		
B.7	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
	i) 150 mm Concrete Pavement (Reinforced)		m ²	170		
B.8	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
	i) 150 mm Concrete Pavement (Type B)		m ²	100		
B.9	Drilled Dowels	CW 3230-R8				
	i) 19.1 mm Diameter		each	110		
B.10	Drilled Tie Bars	CW 3230-R8				
	i) 20 M Deformed Tie Bar		each	200		
B.11	Miscellaneous Concrete Slab Removal	CW 3235-R9				
	i) 100 mm Sidewalk		m ²	30		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	30		
b)	5 sq.m. to 20 sq.m.		m ²	50		
c)	Greater than 20 sq.m.		m ²	60		
B.13	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Integral		m	10		
B.14	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Separate)	SD-203A	m	240		
ii)	Modified Barrier (150 mm reveal ht, Integral)	SD-203B	m	40		
iii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	25		
B.15	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	70		
B.16	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	725		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	60		
B.17	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	800		
ii)	50 - 100 mm Depth (Asphalt)		m ²	2400		
B.18	Pavement Repair Fabric	E9	m ²	300		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORK - NEW CONSTRUCTION						
B.19	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	200		
B.20	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	245		
JOINT AND CRACK SEALING						
B.21	Reflective Crack Maintenance	CW 3250-R7	m	850		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
B.22	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2		
B.23	Catch Pit	CW 2130-R12				
i)	SD-023		each	5		
B.24	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	10		
B.25	Drainage Connection Pipe	CW 2130-R12	m	15		
B.26	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	2		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	2		
iii)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	1		
iv)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	1		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.27	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		
B.28	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	3		
B.29	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	2		
B.30	Removal of Existing Catch Basins	CW 2130-R12	each	2		
B.31	Removal of Existing Catch Pit	CW 2130-R12	each	5		
B.32	Catch Basin Cleaning	CW 2140-R3	each	4		
ADJUSTMENTS						
B.33	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	6		
B.34	Lifter Rings	CW 3210-R7				
i)	51 mm		each	4		
B.35	Adjustment of Valve Boxes	CW 3210-R7	each	4		
B.36	Valve Box Extensions	CW 3210-R7	each	1		
B.37	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
B.38	Curb Stop Extensions	CW 3210-R7	each	1		
LANDSCAPING						
B.39	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	100		
ii)	width > or = 600 mm		m ²	700		
B.40	Hydro Excavation	E12	hr	10		
B	<u>REHABILITATION: BEDSON STREET - SANSOME AVENUE TO ALLARD AVENUE</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>REHABILITATION: TYLEHURST STREET - PORTAGE AVENUE TO WOLSELEY AVENUE WEST</u>					
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R19	m ³	90		
C.2	Supplying and Placing Base Course Material	CW 3110-R19	m ³	90		
C.3	Grading of Boulevards	CW 3110-R19	m ²	500		
	ROADWORKS - RENEWALS					
C.4	Pavement Removal	CW 3110-R19				
i)	Asphalt Pavement		m ²	290		
C.5	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	240		
C.6	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	240		
C.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	68		
C.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	55		
C.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m ²	10		
b)	Greater than 20 sq.m.		m ²	230		
C.10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
C.11	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
C.12	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.13	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Separate)	SD-203A	m	65		
ii)	Modified Barrier (150 mm reveal ht, Integral)	SD-203B	m	20		
iii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	10		
C.14	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	100		
b)	Greater than 30 m		m	100		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	8		
iii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	8		
C.15	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	290		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	35		
ROADWORK - NEW CONSTRUCTION						
C.16	Interlocking Paving Stones	CW 3330-R5	m ²	10		
C.17	Interlocking Paving Stones	CW 3335-R1	m ²	5		
JOINT AND CRACK SEALING						
C.18	Reflective Crack Maintenance	CW 3250-R7	m	55		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
C.19	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	3		
C.20	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	a) In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	20		
C.21	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
	i) AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
	ii) AP-005 - Standard Solid Cover for Standard Frame		each	1		
C.22	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
	i) 250 mm		each	3		
C.23	Removal of Existing Catch Basins	CW 2130-R12	each	3		
C.24	Removal of Existing Catch Pit	CW 2130-R12	each	1		
ADJUSTMENTS						
C.25	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1		
C.26	Lifter Rings	CW 3210-R7				
	i) 51 mm		each	2		
C.27	Adjustment of Valve Boxes	CW 3210-R7	each	5		
C.28	Valve Box Extensions	CW 3210-R7	each	2		
C.29	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
C.30	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	3		
C.31	Curb Stop Extensions	CW 3210-R7	each	2		
LANDSCAPING						
C.32	Sodding	CW 3510-R9				
	i) width > or = 600 mm		m ²	500		
C.33	Hydro Excavation	E12	hr	10		
C	<u>REHABILITATION: TYLEHURST STREET - PORTAGE AVENUE TO WOLSELEY AVENUE WEST</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
D	<u>ASPHALT RECONSTRUCTION: TORONTO STREET - PORTAGE AVENUE TO ST. MATTHEWS AVENUE</u>						
	EARTH AND BASE WORKS						
D.1	Excavation	CW 3110-R19	m ³	1400			
D.2	Sub-Grade Compaction	CW 3110-R19	m ²	2655			
D.3	Crushed Sub-base Material	CW 3110-R19					
i)	50 mm		tonne	2510			
D.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	240			
D.5	Grading of Boulevards	CW 3110-R19	m ²	3000			
D.6	Separation Geotextile Fabric	CW 3130-R4	m ²	2655			
	ROADWORKS - RENEWALS						
D.7	Pavement Removal	CW 3110-R19					
i)	Concrete Pavement		m ²	2445			
D.8	Drilled Dowels	CW 3230-R8					
i)	19.1 mm Diameter		each	25			
D.9	Drilled Tie Bars	CW 3230-R8					
i)	20 M Deformed Tie Bar		each	25			
D.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9					
i)	100 mm Sidewalk	SD-228A					
a)	Less than 5 sq.m.		m ²	40			
b)	Greater than 20 sq.m.		m ²	940			
D.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	10			
D.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	10			
D.13	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	10			
D.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	5			

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORKS - NEW CONSTRUCTION						
D.15	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	80		
D.16	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	80		
D.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	45		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	575		
iii)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	30		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	25		
D.18	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	570		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	20		
JOINT AND CRACK SEALING						
D.19	Reflective Crack Maintenance	CW 3250-R7	m	30		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
D.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	8		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC pipe					
a)	In a Trench, Class B Sand Bedding, Class 2 Backfill		m	45		
D.22	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	4		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	4		
D.23	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	4		
D.24	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 300 mm (Type PVC) Sewer		each	2		
b)	Connecting to 300 mm (Type Clay) Sewer		each	2		
D.25	Watermain and Water Service Insulation	E11				
i)	Pipe Under Roadway Excavation (SD-018)		m ²	625		
D.26	Removal of Existing Catch Basins	CW 2130-R12	each	8		
D.27	Removal of Existing Catch Pit	CW 2130-R12	each	4		
D.28	Installation of Subdrains	CW 3120-R4	m	96		
D.29	Abandoning Existing Sewer Services Under Pavement	CW 2130-R12	each	7		
	ADJUSTMENTS					
D.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	4		
D.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.32	Lifter Rings	CW 3210-R7				
i)	51 mm		each	3		
D.33	Adjustment of Valve Boxes	CW 3210-R7	each	8		
D.34	Valve Box Extensions	CW 3210-R7	each	2		
D.35	Adjustment of Curb Stop Boxes	CW 3210-R7	each	10		
D.36	Curb Stop Extensions	CW 3210-R7	each	2		
LANDSCAPING						
D.37	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	500		
ii)	width > or = 600 mm		m ²	2500		
D.38	Hydro Excavation	E12	hr	10		
D	<u>ASPHALT RECONSTRUCTION: TORONTO STREET - PORTAGE AVENUE TO ST. MATTHEWS AVENUE</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>ASPHALT RECONSTRUCTION: ROWAND AVENUE - MOUNT ROYAL ROAD TO MOUNT ROYAL ROAD</u>					
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R19	m ³	2400		
E.2	Sub-Grade Compaction	CW 3110-R19	m ²	4570		
E.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	4100		
E.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	640		
E.5	Grading of Boulevards	CW 3110-R19	m ²	4400		
E.6	Separation Geotextile Fabric	CW 3130-R4	m ²	4570		
	ROADWORKS - RENEWALS					
E.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	4965		
ii)	Asphalt Pavement		m ²	20		
E.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	110		
E.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	200		
E.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	10		
b)	5 sq.m. to 20 sq.m.		m ²	30		
E.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
E.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
E.13	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	165		
ROADWORKS - NEW CONSTRUCTION						
E.15	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	1120		
E.16	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	200		
E.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (150 mm ht, Dowelled)	SD-205	m	115		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	35		
iii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	635		
iv)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	375		
v)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	15		
E.18	Interlocking Paving Stones	CW 3330-R5	m ²	165		
E.19	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	950		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	40		
JOINT AND CRACK SEALING						
E.20	Reflective Crack Maintenance	CW 3250-R7	m	60		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
E.21	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	6		
E.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC pipe					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	30		
E.23	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	9		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	9		
iii)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	3		
iv)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	3		
E.24	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		
E.25	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 250 mm (Type 250) Sewer		each	2		
b)	Connecting to 375 mm (Type Concrete) Sewer		each	2		
E.26	Removal of Existing Catch Basins	CW 2130-R12	each	2		
E.27	Catch Basin Cleaning	CW 2140-R3	each	3		
E.28	Installation of Subdrains	CW 3120-R4	m	72		
E.29	Watermain and Water Service Insulation	E11				
i)	Pipe Under Roadway Excavation (SD-018)		m ²	625		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ADJUSTMENTS						
E.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	12		
E.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
E.32	Lifter Rings	CW 3210-R7				
i)	51 mm		each	9		
E.33	Adjustment of Valve Boxes	CW 3210-R7	each	10		
E.34	Valve Box Extensions	CW 3210-R7	each	2		
E.35	Adjustment of Curb Stop Boxes	CW 3210-R7	each	5		
E.36	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	3		
E.37	Curb Stop Extensions	CW 3210-R7	each	2		
LANDSCAPING						
E.38	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	900		
ii)	width > or = 600 mm		m ²	3500		
E.39	Hydro Excavation	E12	hr	10		
E	<u>ASPHALT RECONSTRUCTION: ROWAND AVENUE - MOUNT ROYAL ROAD TO MOUNT ROYAL ROAD</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	<u>CONCRETE RECONSTRUCTION: BURNELL STREET - ST. MATTHEWS AVENUE TO ST. PAUL AVENUE</u>					
	EARTH AND BASE WORKS					
F.1	Excavation	CW 3110-R19	m ³	3100		
F.2	Sub-Grade Compaction	CW 3110-R19	m ²	3680		
F.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	3500		
F.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	350		
F.5	Grading of Boulevards	CW 3110-R19	m ²	1200		
F.6	Separation Geotextile Fabric	CW 3130-R4	m ²	3680		
F.7	Supply and Install Geogrid	CW 3135-R1	m ²	3680		
	ROADWORKS - RENEWALS					
F.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	4145		
ii)	Asphalt Pavement		m ²	35		
F.9	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	60		
F.10	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	70		
F.11	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m ²	300		
F.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m ²	55		
b)	Greater than 20 sq.m.		m ²	1000		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.14	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
F.15	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
F.16	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
F.17	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Separate		m	135		
F.18	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	105		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	15		
iii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	15		
F.19	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	30		
F.20	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	155		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	30		
F.21	Planing of Pavement	CW 3450-R6				
i)	50 - 100 mm Depth (Asphalt)		m ²	840		
F.22	Detectable Warning Surface Tiles	CW 3326-R3	each	8		
ROADWORKS - NEW CONSTRUCTION						
F.23	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Plain-Dowelled)		m ²	1660		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.24	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Plain-Dowelled) Slip Form Paving		m ²	2070		
F.25	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	455		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	55		
iii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	70		
F.26	Supply and Installation of Dowel Assemblies	CW 3310-R17	m	720		
F.27	Interlocking Paving Stones	CW 3330-R5	m ²	180		
F.28	Lean Concrete Base	CW 3335-R1	m ²	175		
JOINT AND CRACK SEALING						
F.29	Reflective Crack Maintenance	CW 3250-R7	m	120		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
F.30	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	6		
F.31	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	45		
F.32	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert m	30		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.33	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	7		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	7		
F.34	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 600 mm (Type Concrete) Sewer		each	6		
F.35	Removal of Existing Catch Basins	CW 2130-R12	each	6		
F.36	Removal of Existing Catch Pit	CW 2130-R12	each	6		
F.37	Installation of Subdrains	CW 3120-R4	m	72		
F.38	Watermain and Water Service Insulation	E11				
i)	Pipe Under Roadway Excavation (SD-018)		m ²	215		
F.39	Abandoning Existing Sewer Services Under Pavement	CW 2130-R12	each	6		
	ADJUSTMENTS					
F.40	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	7		
F.41	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
F.42	Lifter Rings	CW 3210-R7				
i)	51 mm		each	6		
F.43	Adjustment of Valve Boxes	CW 3210-R7	each	15		
F.44	Valve Box Extensions	CW 3210-R7	each	5		
F.45	Adjustment of Curb Stop Boxes	CW 3210-R7	each	15		
F.46	Curb Stop Extensions	CW 3210-R7	each	5		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.47	LANDSCAPING Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	100		
ii)	width > or = 600 mm		m ²	1100		
F.48	Hydro Excavation	E12	hr	10		
F	<u>CONCRETE RECONSTRUCTION: BURNELL STREET - ST. MATTHEWS AVENUE TO ST. PAUL AVENUE</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G	<u>ASPHALT RECONSTRUCTION: BOREHAM BOULEVARD - CORYDON AVENUE TO CUTHBERTSON AVENUE</u>					
	EARTH AND BASE WORKS					
G.1	Excavation	CW 3110-R19	m ³	1800		
G.2	Sub-Grade Compaction	CW 3110-R19	m ²	2450		
G.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	2600		
G.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	320		
G.5	Grading of Boulevards	CW 3110-R19	m ²	1400		
G.6	Separation Geotextile Fabric	CW 3130-R4	m ²	2450		
	ROADWORK - REMOVALS/RENEWALS					
G.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	2555		
ii)	Asphalt Pavement		m ²	10		
G.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	100		
G.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	175		
G.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	20		
G.11	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	50		
G.12	Detectable Warning Surface Tiles	CW 3326-R3	each	2		
	ROADWORK - NEW CONSTRUCTION					
G.13	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	520		
G.14	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	80		
ii)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	160		
G.15	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (150 mm ht, Dowelled)	SD-205	m	30		
ii)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	5		
iii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	70		
iv)	Construction of Curb and Gutter (180mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	325		
v)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	160		
vi)	Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229E	m	10		
G.16	Interlocking Paving Stones	CW 3330-R5	m ²	40		
G.17	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	470		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	40		
JOINT AND CRACK SEALING						
G.18	Reflective Crack Maintenance	CW 3250-R7	m	60		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
G.19	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	4		
G.20	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	45		
G.21	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	6		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	6		
G.22	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	4		
G.23	Removal of Existing Catch Basins	CW 2130-R12	each	4		
G.24	Removal of Existing Catch Pit	CW 2130-R12	each	4		
G.25	Installation of Subdrains	CW 3120-R4	m	48		
G.26	Watermain and Water Service Insulation	E11				
i)	Pipe Under Roadway Excavation (SD-018)		m ²	190		
G.27	Abandoning Existing Sewer Services Under Pavement	CW 2130-R12	each	2		
ADJUSTMENTS						
G.28	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	6		
G.29	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
G.30	Lifter Rings	CW 3210-R7				
i)	51 mm		each	4		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.31	Adjustment of Valve Boxes	CW 3210-R7	each	5		
G.32	Valve Box Extensions	CW 3210-R7	each	2		
G.33	Adjustment of Curb Stop Boxes	CW 3210-R7	each	8		
G.34	Curb Stop Extensions	CW 3210-R7	each	2		
G	LANDSCAPING					
G.35	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	200		
ii)	width > or = 600 mm		m ²	1200		
G.36	Hydro Excavation	E12	hr	10		
G	<u>ASPHALT RECONSTRUCTION: BOREHAM BOULEVARD - CORYDON AVENUE TO CUTHBERTSON AVENUE</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H	<u>SEWER REPAIRS: BEDSON STREET, ROWAND AVENUE AND TORONTO STREET</u>					
	BEDSON STREET (MA20004619)					
H.1	Sewer Inspection	CW2145-R3				
	i) 375 mm LDS					
	a) Post Repair		m	72		
H.2	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
	i) 375 mm LDS					
	a) Class 3 Backfill		each	1		
	BEDSON ST (MA20004596)					
H.3	Sewer Inspection	CW2145-R3				
	i) 300 mm LDS					
	a) Post Repair		m	71		
H.4	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
	i) 300 mm LDS					
	a) Class 3 Backfill		each	1		
H.5	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
	i) 300 mm LDS					
	a) Class 3 Backfill		m	3		
	ROWAND AVE (MA20005167)					
H.6	Sewer Inspection	CW2145-R3				
	i) 300 mm CS					
	a) Post Repair		m	16		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.7	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	300 mm CS					
a)	Class 3 Backfill		each	1		
ROWAND AVE (MA20005162)						
H.8	Sewer Inspection	CW2145-R3				
i)	250 mm CS					
a)	Post Repair		m	53		
H.9	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	250 mm CS					
a)	Class 3 Backfill		each	1		
H.10	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	250 mm CS					
a)	Class 3 Backfill		m	2		
H.11	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	150 mm PVC pipe		each	1		
ROWAND AVE (MA20005107)						
H.12	Sewer Inspection	CW2145-R3				
i)	375 mm CS					
a)	Post Repair		m	108		
H.13	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	375 mm CS					
a)	Class 3 Backfill		each	1		
H.14	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	375 mm CS					
a)	Class 3 Backfill		m	18		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.15	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	150 mm PVC pipe		each	2		
TORONTO ST (MA20015522)						
H.16	Sewer Inspection	CW2145-R3				
i)	300 mm CS					
a)	Post Repair		m	110		
H.17	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	300 mm CS					
a)	Class 3 Backfill		each	1		
H.18	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	300 mm CS					
a)	Class 3 Backfill		m	2		
H.19	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	150 mm PVC pipe		each	2		
H.20	Repair Existing Sewer Service Connection	CW 2130-R12				
i)	150 mm WWS		each	1		
H.21	Cut Intruding Obstruction @ Joint (94.4 D/S)	CW 2140-R3	each	1		
H	<u>SEWER REPAIRS: BEDSON STREET, ROWAND AVENUE AND TORONTO STREET</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2: MANITOBA HYDRO FUNDED WORK						
I	<u>NEW STREET LIGHT INSTALLATION</u>					
	<u>OLIVE STREET FROM PORTAGE AVENUE TO ASSINIBOINE CRESCENT</u>					
I.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.	E.10	each	3		
I.2	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E.10	lin.m	130		
I.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E.10	each	3		
I.4	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E.10	each	1		
I.5	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E.10	each	4		
I.6	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E.10	per span	4		
I.7	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E.10	per span	4		
I.8	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E.10	each	1		
	<u>BOREHAM BOULEVARD FROM CORYDON AVENUE TO CUTHBERTSON AVENUE</u>					
I.9	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.	E.10	each	6		
I.10	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E.10	lin.m	331		
I.11	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E.10	each	6		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I.12	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E.10	each	2		
I.13	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E.10	each	8		
I.14	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E.10	per span	8		
I.15	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E.10	per span	8		
I.16	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.	E.10	each	1		
<u>ROWAND AVENUE FROM MOUNT ROYAL ROAD TO MOUNT ROYAL ROAD</u>						
I.17	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.	E.10	each	10		
I.18	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E.10	lin.m	542		
I.19	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E.10	each	10		
I.20	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E.10	each	1		
I.21	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E.10	each	12		
I.22	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E.10	per span	11		
I.23	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E.10	per span	11		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I.24	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E.10	each	2		
<u>TORONTO STREET FROM ST. MATTHEWS AVENUE TO PORTAGE AVENUE</u>						
I.25	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.	E.10	each	6		
I.26	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E.10	lin.m	323		
I.27	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E.10	each	7		
I.28	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E.10	each	1		
I.29	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E.10	each	8		
I.30	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E.10	per span	8		
I.31	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E.10	per span	8		
I.32	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E.10	each	1		
I.33	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.	E.10	each	1		
I	<u>NEW STREET LIGHT INSTALLATION</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
PART 1: CITY FUNDED WORK						
A	<u>ASPHALT RECONSTRUCTION: OLIVE STREET - PORTAGE AVENUE TO ASSINIBOINE CRESCENT</u>				Subtotal:	
B	<u>REHABILITATION: BEDSON STREET - SANSOME AVENUE TO ALLARD AVENUE</u>				Subtotal:	
C	<u>REHABILITATION: TYLEHURST STREET - PORTAGE AVENUE TO WOLSELEY AVENUE WEST</u>				Subtotal:	
D	<u>ASPHALT RECONSTRUCTION: TORONTO STREET - PORTAGE AVENUE TO ST. MATTHEWS AVENUE</u>				Subtotal:	
E	<u>ASPHALT RECONSTRUCTION: ROWAND AVENUE - MOUNT ROYAL ROAD TO MOUNT ROYAL ROAD</u>				Subtotal:	
F	<u>CONCRETE RECONSTRUCTION: BURNELL STREET - ST. MATTHEWS AVENUE TO ST. PAUL AVENUE</u>				Subtotal:	
G	<u>ASPHALT RECONSTRUCTION: BOREHAM BOULEVARD - CORYDON AVENUE TO CUTHBERTSON AVENUE</u>				Subtotal:	
H	<u>SEWER REPAIRS: BEDSON STREET, ROWAND AVENUE AND TORONTO STREET</u>				Subtotal:	
PART 2: MANITOBA HYDRO FUNDED WORK						
I	<u>NEW STREET LIGHT INSTALLATION</u>				Subtotal:	
TOTAL BID PRICE (GST extra)					(in figures)	_____

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2)
(See B12)

BID BOND

KNOW ALL MEN BY THESE PRESENTS THAT

_____ (hereinafter called the "Principal") and

_____ (hereinafter called the "Surety"), are held and firmly bound unto **THE CITY OF WINNIPEG** (hereinafter called the "Obligee") in the sum of ten percent (10%) of the Total Bid Price set out in the Bid hereinafter described, for the payment of which sum the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a Bid to the Obligee for

BID OPPORTUNITY NO. 144-2016

2016 LOCAL STREET RENEWAL PROGRAM: BEDSON STREET, OLIVE STREET AND VARIOUS OTHER LOCATIONS

as more fully set out in the Bid Opportunity.

NOW THEREFORE the condition of this obligation is such that if the Bid of the Principal is not accepted, or if said Bid is accepted and the Principal, in accordance with the terms of the Bid, enters into a Contract with the said Obligee and furnishes the required performance security for guaranteeing the faithful performance of the Contract, this obligation shall be void, but otherwise shall remain in full force and effect.

IN WITNESS WHEREOF the Principal and Surety have signed and sealed this bond the

_____ day of _____, 20_____.

SIGNED AND SEALED
in the presence of:

(Witness as to Principal if no seal)

(Name of Principal)

Per: _____ (Seal)

Per: _____

(Name of Surety)

By: _____ (Seal)
(Attorney-in-Fact)

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2)
(See B12)

AGREEMENT TO BOND

(to be attached to and to form part of Bid Bond)

The Surety on the attached Bid Bond hereby undertakes and agrees with **THE CITY OF WINNIPEG** to become bound as Surety for the Principal,

_____ of
(Name of Bidder)

(Place)

the Bidder to you on _____, 20____ for

BID OPPORTUNITY NO. 144-2016

2016 LOCAL STREET RENEWAL PROGRAM: BEDSON STREET, OLIVE STREET AND VARIOUS OTHER LOCATIONS

in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity, if our Principal's Bid is accepted by you, such Performance Bond to be maintained and continue in full force and effect until the expiration of the warranty period. The Performance Bond shall be in the form specified in the Bid Opportunity.

It is a condition that this Agreement to Bond shall become null and void if the Performance Bond mentioned above is not required from our Principal within Sixty (60) Calendar Days following the Submission Deadline.

AND IT IS HEREBY DECLARED AND AGREED that the Surety shall be liable as Principal, and that nothing of any kind or matter whatsoever that will not discharge the Principal shall operate as a discharge or release of liability of the Surety, any law or usage relating to the liability of Sureties to the contrary notwithstanding.

SIGNED AND SEALED this _____ day of _____, 20_____.

(Name of Surety)

By: _____ (Seal)
(Attorney-in-Fact)

**FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING
(BID SECURITY) (Page 1 of 2)
(See B12)**

(Date)

The City of Winnipeg
Corporate Finance Department
Materials Management Division
185 King Street, Main Floor
Winnipeg MB R3B 1J1

RE: BID SECURITY – BID OPPORTUNITY NO. 144-2016

2016 LOCAL STREET RENEWAL PROGRAM: BEDSON STREET, OLIVE STREET AND
VARIOUS OTHER LOCATIONS

Pursuant to the request of and for the account of our customer,

(Name of Bidder)

(Address of Bidder)

WE HEREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding
in the aggregate

Canadian dollars.

This Standby Letter of Credit may be drawn on by you at any time and from time to time upon written demand for payment made upon us by you. It is understood that we are obligated under this Standby Letter of Credit for the payment of monies only and we hereby agree that we shall honour your demand for payment without inquiring whether you have a right as between yourself and our customer to make such demand and without recognizing any claim of our customer or objection by the customer to payment by us.

The amount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upon it by you or by formal notice in writing given to us by you if you desire such reduction or are willing that it be made.

Partial drawings are permitted.

We engage with you that all demands for payment made within the terms and currency of this Standby Letter of Credit will be duly honoured if presented to us at:

(Address)

and we confirm and hereby undertake to ensure that all demands for payment will be duly honoured by us.

**FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING
(BID SECURITY) (Page 2 of 2)
(See B12)**

All demands for payment shall specifically state that they are drawn under this Standby Letter of Credit.

This Standby Letter of Credit will expire on May 29, 2016

if our customer's Bid is not accepted, and if accepted, when our customer has entered into a Contract with you and has furnished the required performance security for guaranteeing the faithful performance of the Contract.

This Standby Letter of Credit may not be revoked or amended without your prior written approval.

WE HEREBY UNDERTAKE and agree to provide in your favour an irrevocable Standby Letter of Credit in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity, if our customer's Bid is accepted by you. Such Standby Letter of Credit shall be maintained and continue in full force and effect until the expiration of the warranty period. The Standby Letter of Credit shall be in the form specified in the Bid Opportunity.

This credit is subject to the Uniform Customs and Practice for Documentary Credit (2007 Revision), International Chamber of Commerce Publication Number 600.

(Name of bank or financial institution)

Per: _____
(Authorized Signing Officer)

Per: _____
(Authorized Signing Officer)