

**FORM A: BID**  
(See B8)

1. Contract Title 2018 Local Streets Package – Killarney Avenue, Queenston 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. Indigenous Self-Declaration The City is requesting that Bidders identify if their business is at least 51% owned by one or more Indigenous persons of Canada.

- YES, 51% 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 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 (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>LANARK STREET - CORYDON AVE TO GROSVENOR AVE - REHABILITATION</u></b>					
	<b>EARTH AND BASE WORKS</b>					
A.1	Supplying and Placing Base Course Material	CW 3110-R19	m <sup>3</sup>	10		
A.2	Grading of Boulevards	CW 3110-R19	m <sup>2</sup>	750		
	<b>ROADWORKS - RENEWALS</b>					
A.3	Slab Replacement - Early Opening (24 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	20		
A.4	Partial Slab Patches - Early Opening (24 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m <sup>2</sup>	5		
ii)	200 mm Concrete Pavement (Type B)		m <sup>2</sup>	100		
iii)	200 mm Concrete Pavement (Type C)		m <sup>2</sup>	15		
iv)	200 mm Concrete Pavement (Type D)		m <sup>2</sup>	20		
A.5	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	30		
A.6	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m <sup>2</sup>	10		
ii)	200 mm Concrete Pavement (Type B)		m <sup>2</sup>	420		
iii)	200 mm Concrete Pavement (Type C)		m <sup>2</sup>	15		
iv)	200 mm Concrete Pavement (Type D)		m <sup>2</sup>	50		
A.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	975		

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 Name of Bidder

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

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.8	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	35		
ii)	20 M Deformed Tie Bar		each	1200		
A.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>	24		
c)	Greater than 20 sq.m.		m <sup>2</sup>	600		
A.10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m <sup>2</sup>	5		
A.11	Supply of Precast Sidewalk Blocks	CW 3235-R9	m <sup>2</sup>	5		
A.12	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	15		
b)	3 m to 30 m		m	110		
c)	Greater than 30 m		m	40		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	150		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	40		
vi)	Curb and Gutter (180 mm reveal ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200				
a)	3 m to 30 m		m	65		
A.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	5		
A.14	Interlocking Paving Stones	CW 3335-R1	m <sup>2</sup>	5		

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

**UNIT PRICES**

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.15	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	520		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	105		
A.16	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m <sup>2</sup>	100		
ii)	1 - 50 mm Depth (Concrete)		m <sup>2</sup>	50		
A.17	Detectable Warning Surface Tiles	CW 3326-R3	each	10		
	<b>JOINT AND CRACK SEALING</b>					
A.18	Reflective Crack Maintenance	CW 3250-R7	m	1060		
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
A.19	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	14		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	14		
iii)	AP-011 - Barrier Curb and Gutter Frame		each	10		
iv)	AP-012 - Barrier Curb and Gutter Cover		each	10		
A.20	Removal of Roots per Sewer Segment	CW 2140-R4	each	1		
A.21	Sewer Inspection	CW2145-R4				
i)	250 mm, PVC		m	35		
	<b>ADJUSTMENTS</b>					
A.22	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	24		

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 Name of Bidder

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.23	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
A.24	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	4		
ii)	76 mm		each	1		
A.25	Replacing Existing Catch Basin Hoods	CW 2130-R12	each	5		
A.26	Replacing Existing Catch Basin Pins	CW 2130-R12	each	2		
A.27	Adjustment of Valve Boxes	CW 3210-R8	each	4		
A.28	Valve Box Extensions	CW 3210-R8	each	2		
A.29	Adjustment of Curb Stop Boxes	CW 3210-R8	each	26		
A.30	Curb Stop Extensions	CW 3210-R8	each	10		
	<b>LANDSCAPING</b>					
A.31	Sodding	CW 3510-R9				
i)	width < 600 mm		m <sup>2</sup>	325		
ii)	width > or = 600 mm		m <sup>2</sup>	425		
<b>A</b>	<b><u>LANARK STREET - CORYDON AVE TO GROSVENOR AVE - REHABILITATION</u></b>				Subtotal:	

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 Name of Bidder

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>B</b>	<b><u>QUEENSTON STREET - CORYDON AVE TO GROSVENOR AVE - ASPHALT RECONSTRUCTION</u></b>					
	<b>EARTH AND BASE WORKS</b>					
B.1	Excavation	CW 3110-R19	m <sup>3</sup>	2100		
B.2	Sub-Grade Compaction	CW 3110-R19	m <sup>2</sup>	3200		
B.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1150		
ii)	100 mm		tonne	2200		
B.4	Supplying and Placing Base Course Material	CW 3110-R19	m <sup>3</sup>	325		
B.5	Grading of Boulevards	CW 3110-R19	m <sup>2</sup>	3800		
B.6	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	3200		
B.7	Supply and Install Geogrid	CW 3135-R1	m <sup>2</sup>	950		
	<b>ROADWORKS - RENEWALS</b>					
B.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m <sup>2</sup>	2800		
B.9	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	30		
ii)	20 M Deformed Tie Bar		each	50		
B.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m <sup>2</sup>	65		
b)	5 sq.m. to 20 sq.m.		m <sup>2</sup>	30		
c)	Greater than 20 sq.m.		m <sup>2</sup>	1150		
ii)	100 mm Sidewalk - Exposed Aggregate	E10	m <sup>2</sup>	5		



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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m <sup>2</sup>	15		
B.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m <sup>2</sup>	5		
B.13	Concrete Curb Renewal	CW 3240-R10				
i)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	15		
B.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	10		
B.15	Detectable Warning Surface Tiles	CW 3326-R3	each	8		
<b>ROADWORKS - NEW CONSTRUCTION</b>						
B.16	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	85		
B.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	15		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	740		
iii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	15		
B.18	Interlocking Paving Stones	CW 3335-R1	m <sup>2</sup>	5		
B.19	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	580		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	15		
<b>JOINT AND CRACK SEALING</b>						
B.20	Reflective Crack Maintenance	CW 3250-R7	m	1025		

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 Name of Bidder

**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>					
B.21	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	8		
B.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	25		
b)	Trenchless Installation		m	15		
B.23	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert. m	2.0		
B.24	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	3		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	3		
B.25	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm, PVC, Connecting Pipe					
a)	Connecting to 300 mm Clay Combined Sewer		each	4		
b)	Connecting to 450 mm Clay Combined Sewer		each	4		
B.26	Removal of Existing Catch Basins	CW 2130-R12	each	8		
B.27	Abandoning Existing Drainage Inlets	CW 2130-R12	each	8		
B.28	Abandoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	8		
B.29	Installation of Subdrains	CW 3120-R4	m	96		

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 Name of Bidder

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ADJUSTMENTS</b>					
B.30	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	3		
B.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
B.32	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	3		
B.33	Adjustment of Valve Boxes	CW 3210-R8	each	7		
B.34	Valve Box Extensions	CW 3210-R8	each	3		
B.35	Adjustment of Curb Stop Boxes	CW 3210-R8	each	30		
B.36	Curb Stop Extensions	CW 3210-R8	each	30		
	<b>LANDSCAPING</b>					
B.37	Sodding	CW 3510-R9				
i)	width < 600 mm		m <sup>2</sup>	450		
ii)	width > or = 600 mm		m <sup>2</sup>	3350		
<b>B</b>	<b><u>QUEENSTON STREET - CORYDON AVE TO GROSVENOR AVE - ASPHALT RECONSTRUCTION</u></b>				Subtotal:	

\_\_\_\_\_  
 Name of Bidder

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>C</b>	<b><u>OXFORD STREET - FLEET AVE TO CORYDON AVENUE - ASPHALT RECONSTRUCTION</u></b>					
	<b>EARTH AND BASE WORKS</b>					
C.1	Excavation	CW 3110-R19	m <sup>3</sup>	2100		
C.2	Sub-Grade Compaction	CW 3110-R19	m <sup>2</sup>	3200		
C.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1200		
ii)	100 mm		tonne	2200		
C.4	Supplying and Placing Base Course Material	CW 3110-R19	m <sup>3</sup>	325		
C.5	Grading of Boulevards	CW 3110-R19	m <sup>2</sup>	3700		
C.6	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	3200		
C.7	Supply and Install Geogrid	CW 3135-R1	m <sup>2</sup>	975		
	<b>ROADWORKS - RENEWALS</b>					
C.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m <sup>2</sup>	2850		
C.9	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	50		
ii)	20 M Deformed Tie Bar		each	110		
C.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m <sup>2</sup>	50		
b)	5 sq.m. to 20 sq.m.		m <sup>2</sup>	20		
c)	Greater than 20 sq.m.		m <sup>2</sup>	1200		
ii)	100 mm Sidewalk - Exposed Aggregate	E10	m <sup>2</sup>	2		

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m <sup>2</sup>	15		
C.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m <sup>2</sup>	5		
C.13	Concrete Curb Renewal	CW 3240-R10				
i)	Modified Barrier (180 mm reveal ht, Dowelled)	SD-203B	m	5		
ii)	Splash Strip (150 mm reveal ht, Monolithic Barrier Curb, 750 mm width)	SD-223A	m	5		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	30		
C.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	20		
C.15	Detectable Warning Surface Tiles	CW 3326-R3	each	14		
<b>ROADWORKS - NEW CONSTRUCTION</b>						
C.16	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	165		
C.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	25		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	730		
iii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	25		
C.18	Interlocking Paving Stones	CW 3335-R1	m <sup>2</sup>	10		
C.19	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	575		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	25		
<b>JOINT AND CRACK SEALING</b>						
C.20	Reflective Crack Maintenance	CW 3250-R7	m	1050		

**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>					
C.21	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	8		
C.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	25		
b)	Trenchless Installation		m	15		
ii)	300 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	2		
b)	Trenchless Installation		m	8		
C.23	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	3		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	3		
C.24	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm, PVC, Connecting Pipe					
a)	Connecting to 300 mm Clay Combined Sewer		each	2		
b)	Connecting to 600 mm Clay Combined Sewer		each	6		
ii)	300 mm, PVC, Connecting Pipe					
a)	Connecting to 300 mm Clay Combined Sewer		each	1		
C.25	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	300 mm		each	1		
C.26	Removal of Existing Catch Basins	CW 2130-R12	each	8		
C.27	Abandoning Existing Drainage Inlets	CW 2130-R12	each	8		

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.28	Abanoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	8		
C.29	Installation of Subdrains	CW 3120-R4	m	96		
<b>ADJUSTMENTS</b>						
C.30	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	3		
C.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
C.32	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	3		
C.33	Adjustment of Valve Boxes	CW 3210-R8	each	2		
C.34	Valve Box Extensions	CW 3210-R8	each	2		
C.35	Adjustment of Curb Stop Boxes	CW 3210-R8	each	30		
C.36	Curb Stop Extensions	CW 3210-R8	each	30		
C.37	Replacing Existing Catch Basin Hoods	CW 2130-R12	each	2		
<b>LANDSCAPING</b>						
C.38	Sodding	CW 3510-R9				
i)	width < 600 mm		m <sup>2</sup>	450		
ii)	width > or = 600 mm		m <sup>2</sup>	3250		
<b>C</b>	<b><u>OXFORD STREET - FLEET AVE TO CORYDON AVENUE - ASPHALT RECONSTRUCTION</u></b>				Subtotal:	

\_\_\_\_\_  
 Name of Bidder

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>D</b>	<b><u>DONNELLY STREET - CLARENCE AVE TO WALLER AVE - ASPHALT RECONSTRUCTION</u></b>					
	<b>EARTH AND BASE WORKS</b>					
D.1	Excavation	CW 3110-R19	m <sup>3</sup>	2000		
D.2	Sub-Grade Compaction	CW 3110-R19	m <sup>2</sup>	3800		
D.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm - Limestone		tonne	2650		
D.4	Supplying and Placing Base Course Material	CW 3110-R19	m <sup>3</sup>	385		
D.5	Grading of Boulevards	CW 3110-R19	m <sup>2</sup>	2200		
D.6	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	3800		
D.7	Supply and Install Geogrid	CW 3135-R1	m <sup>2</sup>	1025		
	<b>ROADWORKS - RENEWALS</b>					
D.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m <sup>2</sup>	3400		
ii)	Asphalt Pavement		m <sup>2</sup>	125		
D.9	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	55		
D.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m <sup>2</sup>	30		
b)	5 sq.m. to 20 sq.m.		m <sup>2</sup>	45		
c)	Greater than 20 sq.m.		m <sup>2</sup>	275		
D.11	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	20		

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 Name of Bidder



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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
D.12	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	430		
D.13	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	15		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	475		
iii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	150		
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	130		
v)	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	30		
vi)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	10		
D.14	Interlocking Paving Stones	CW 3335-R1	m <sup>2</sup>	10		
D.15	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	570		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	110		
	<b>JOINT AND CRACK SEALING</b>					
D.16	Reflective Crack Maintenance	CW 3250-R7	m	1050		
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
D.17	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	6		

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.18	Catch Pit	CW 2130-R12				
i)	SD-023		each	4		
D.19	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	30		
b)	Trenchless Installation		m	12		
D.20	Drainage Connection Pipe	CW 2130-R12	m	20		
D.21	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert. m	1.0		
D.22	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	7		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	7		
D.23	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm, PVC, Connecting Pipe					
a)	Connecting to 375 mm Concrete LDS Sewer		each	2		
b)	Connecting to 750 mm Concrete LDS Sewer		each	4		
D.24	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	4		
D.25	Removal of Existing Catch Basins	CW 2130-R12	each	5		
D.26	Abandoning Existing Drainage Inlets	CW 2130-R12	each	5		
D.27	Abanoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	5		

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.28	Installation of Subdrains	CW 3120-R4	m	72		
	<b>ADJUSTMENTS</b>					
D.29	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	7		
D.30	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
D.31	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	7		
D.32	Adjustment of Valve Boxes	CW 3210-R8	each	4		
D.33	Valve Box Extensions	CW 3210-R8	each	2		
D.34	Adjustment of Curb Stop Boxes	CW 3210-R8	each	7		
D.35	Curb Stop Extensions	CW 3210-R8	each	3		
D.36	Replacing Existing Catch Basin Hoods	CW 2130-R12	each	2		
	<b>LANDSCAPING</b>					
D.37	Sodding	CW 3510-R9				
i)	width < 600 mm		m <sup>2</sup>	125		
ii)	width > or = 600 mm		m <sup>2</sup>	2075		
<b>D</b>	<b><u>DONNELLY STREET - CLARENCE AVE TO WALLER AVE - ASPHALT RECONSTRUCTION</u></b>				Subtotal:	

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 Name of Bidder

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>E</b>	<b><u>THATCHER DRIVE - UNIVERSITY CR TO NORTH END - REHABILITATION</u></b>					
	<b>EARTH AND BASE WORKS</b>					
E.1	Excavation	CW 3110-R19	m <sup>3</sup>	90		
E.2	Sub-Grade Compaction	CW 3110-R19	m <sup>2</sup>	370		
E.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	140		
E.4	Supplying and Placing Base Course Material	CW 3110-R19	m <sup>3</sup>	30		
E.5	Grading of Boulevards	CW 3110-R19	m <sup>2</sup>	2000		
E.6	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	370		
	<b>ROADWORKS - RENEWALS</b>					
E.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m <sup>2</sup>	320		
E.8	Slab Replacement - Early Opening (24 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	150		
E.9	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	600		
E.10	Partial Slab Patches - Early Opening (24 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type B)		m <sup>2</sup>	20		
E.11	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m <sup>2</sup>	10		
ii)	150 mm Concrete Pavement (Type B)		m <sup>2</sup>	50		
iii)	150 mm Concrete Pavement (Type C)		m <sup>2</sup>	25		
iv)	150 mm Concrete Pavement (Type D)		m <sup>2</sup>	20		

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.12	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	300		
E.13	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	10		
ii)	20 M Deformed Tie Bar		each	330		
E.14	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		
E.15	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m <sup>2</sup>	5		
E.16	Supply of Precast Sidewalk Blocks	CW 3235-R9	m <sup>2</sup>	2		
E.17	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	50		
b)	3 m to 30 m		m	750		
c)	Greater than 30 m		m	160		
ii)	Lip Curb (40 mm ht reveal ht, dowelled)	SD-202C	m	100		
iii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	75		
iv)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	15		
E.18	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	100		

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.19	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	910		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	20		
E.20	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m <sup>2</sup>	300		
E.21	Pavement Repair Fabric	E12	m <sup>2</sup>	2000		
<b>ROADWORKS - NEW CONSTRUCTION</b>						
E.22	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m <sup>2</sup>	320		
E.23	Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	20		
<b>JOINT AND CRACK SEALING</b>						
E.24	Reflective Crack Maintenance	CW 3250-R7	m	1500		
<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>						
E.25	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	1		
E.26	Catch Pit	CW 2130-R12				
i)	SD-023		each	9		
E.27	Adjustment of Curb Inlet with New Inlet Box	CW 3210-R8	each	2		

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.28	Sewer Service	CW 2130-R12				
i)	150 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	9.0		
ii)	200 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	40.0		
iii)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	30.0		
E.29	Drainage Connection Pipe	CW 2130-R12	m	30.0		
E.30	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	8		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	8		
iii)	AP-011 - Barrier Curb and Gutter Frame		each	1		
iv)	AP-012 - Barrier Curb and Gutter Cover		each	1		
E.31	Connecting to Existing Manhole	CW 2130-R12				
i)	200 mm Catch Basin Lead		each	5		
ii)	250 mm Catch Basin Lead		each	4		
E.32	Connecting to Existing Catch Basin	CW 2130-R12				
i)	150 mm Drainage Connection Pipe		each	1		
ii)	200 mm Drainage Connection Pipe		each	3		
iii)	250 mm Drainage Connection Pipe		each	11		

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.33	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	150 mm		each	1		
ii)	200 mm		each	4		
iii)	250 mm		each	2		
E.34	Sewer Inspection	CW2145-R4				
i)	250 mm		m	60		
<b>ADJUSTMENTS</b>						
E.35	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	9		
E.36	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	2.5		
E.37	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	8		
E.38	Adjustment of Valve Boxes	CW 3210-R8	each	11		
E.39	Valve Box Extensions	CW 3210-R8	each	5		
E.40	Adjustment of Curb Stop Boxes	CW 3210-R8	each	3		
E.41	Curb Stop Extensions	CW 3210-R8	each	1		
E.42	Replacing Existing Catch Basin Hoods	CW 2130-R12	each	1		
E.43	Replacing Existing Catch Basin Pins	CW 2130-R12	each	1		
<b>LANDSCAPING</b>						
E.44	Sodding	CW 3510-R9				
i)	width < 600 mm		m <sup>2</sup>	100		
ii)	width > or = 600 mm		m <sup>2</sup>	1900		
<b>E</b>	<b><u>THATCHER DRIVE - UNIVERSITY CR TO NORTH END - REHABILITATION</u></b>				Subtotal:	

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 Name of Bidder



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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>F</b>	<b><u>KILLARNEY AVENUE - PEMBINA HWY TO CALEDON RD - CONCRETE RECONSTRUCTION AND REHABILITATION</u></b>					
	<b>EARTH AND BASE WORKS</b>					
F.1	Excavation	CW 3110-R19	m <sup>3</sup>	1600		
F.2	Sub-Grade Compaction	CW 3110-R19	m <sup>2</sup>	2600		
F.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm - Limestone		tonne	1850		
F.4	Supplying and Placing Base Course Material	CW 3110-R19	m <sup>3</sup>	200		
F.5	Grading of Boulevards	CW 3110-R19	m <sup>2</sup>	1070		
F.6	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	2600		
F.7	Supply and Install Geogrid	CW 3135-R1	m <sup>2</sup>	800		
	<b>ROADWORKS - RENEWALS</b>					
F.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m <sup>2</sup>	2250		
ii)	Asphalt Pavement		m <sup>2</sup>	75		
F.9	Slab Replacement - Early Opening (24 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	140		
F.10	Partial Slab Patches - Early Opening (24 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m <sup>2</sup>	5		
ii)	200 mm Concrete Pavement (Type B)		m <sup>2</sup>	35		
F.11	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	265		

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.12	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	75		
ii)	20 M Deformed Tie Bar		each	40		
iii)	25 M Deformed Tie Bar		each	250		
F.13	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m <sup>2</sup>	40		
F.14	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m <sup>2</sup>	25		
b)	5 sq.m. to 20 sq.m.		m <sup>2</sup>	50		
c)	Greater than 20 sq.m.		m <sup>2</sup>	975		
F.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	20		
c)	Greater than 30 m		m	50		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	25		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	42		
F.16	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	310		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	38		

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

**UNIT PRICES**

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.17	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m <sup>2</sup>	1625		
F.18	Detectable Warning Surface Tiles	CW 3326-R3	each	12		
<b>ROADWORKS - NEW CONSTRUCTION</b>						
F.19	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>	1600		
ii)	Construction of Monolithic Concrete Median Slabs	SD-226A	m <sup>2</sup>	65		
iii)	Construction of Monolithic Concrete Bull-noses	SD-227C	m <sup>2</sup>	1		
F.20	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>	520		
ii)	Construction of 200 mm Concrete Pavement for Early Opening 24 Hour (Reinforced)		m <sup>2</sup>	165		
iii)	Construction of 150 mm Concrete Pavement for Early Opening 24 Hour (Reinforced)		m <sup>2</sup>	75		
F.21	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	230		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	90		
iii)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	55		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	45		
v)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	8		
vi)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	5		
F.22	Supply and Installation of Dowel Assemblies	CW 3310-R17	m	450		
<b>JOINT AND CRACK SEALING</b>						
F.23	Reflective Crack Maintenance	CW 3250-R7	m	300		

**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>					
F.24	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	3		
F.25	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024		each	5		
F.26	Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
F.27	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	40.0		
b)	Trenchless Installation		m	5.0		
F.28	Drainage Connection Pipe	CW 2130-R12	m	3.0		
F.29	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	7		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	7		
F.30	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	3		
F.31	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1		
F.32	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	5		
F.33	Removal of Existing Catch Basins	CW 2130-R12	each	3		
F.34	Removal of Existing Catch Pit	CW 2130-R12	each	1		

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.35	Abandoning Existing Drainage Inlets	CW 2130-R12	each	3		
F.36	Abandoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	3		
F.37	Installation of Subdrains	CW 3120-R4	m	48		
<b>ADJUSTMENTS</b>						
F.38	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	7		
F.39	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	7		
F.40	Adjustment of Valve Boxes	CW 3210-R8	each	7		
F.41	Valve Box Extensions	CW 3210-R8	each	2		
F.42	Adjustment of Curb Stop Boxes	CW 3210-R8	each	5		
F.43	Curb Stop Extensions	CW 3210-R8	each	2		
F.44	Replacing Existing Catch Basin Hoods	CW 2130-R12	each	2		
F.45	Replacing Existing Catch Basin Pins	CW 2130-R12	each	2		
<b>LANDSCAPING</b>						
F.46	Sodding	CW 3510-R9				
i)	width < 600 mm		m <sup>2</sup>	430		
ii)	width > or = 600 mm		m <sup>2</sup>	640		
<b>F</b>	<b><u>KILLARNEY AVENUE - PEMBINA HWY TO CALEDON RD - CONCRETE RECONSTRUCTION AND REHABILITATION</u></b>				Subtotal:	

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 Name of Bidder

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>G</b>	<b><u>WATER AND WASTE WORKS</u></b>					
	<b>LANARK STREET - CORYDON AVE TO GROSVENOR AVE - REHABILITATION</b>					
G.1	Manhole Inspection	CW 2145-R4	each	1		
G.2	Patching of Existing Manholes	CW 2130-R12	vert. m	3.0		
	<b>QUEENSTON STREET - CORYDON AVE TO GROSVENOR AVE - ASPHALT RECONSTRUCTION</b>					
G.3	Watermain and Water Service Insulation	E11				
i)	Pipe Under Roadway Excavation (SD-018)		m <sup>2</sup>	650		
	<b>MA70023320</b>					
G.4	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	450 mm					
a)	Class 3 Backfill		each	1		
G.5	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	450 mm					
a)	Class 3 Backfill		m	0.2		
G.6	Connecting to Existing Sewer	CW 2130-R12				
i)	150 mm Connecting Pipe					
a)	Connecting to 300 mm Sewer		each	2		
G.7	Sewer Inspection ( following repair)	CW2145-R4				
i)	450 mm, CS		m	96		
G.8	Patching of Existing Manholes	CW 2130-R12	vert. m	1.0		

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>OXFORD STREET - FLEET AVE TO CORYDON AVENUE - ASPHALT RECONSTRUCTION</b>						
G.9	Watermain and Water Service Insulation	E11				
i)	Pipe Under Roadway Excavation (SD-018)		m <sup>2</sup>	640		
G.10	Patching of Existing Manholes	CW 2130-R12	vert. m	1.5		
<b>DONNELLY STREET - CLARENCE AVE TO WALLER AVE - ASPHALT RECONSTRUCTION</b>						
G.11	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type C)		m <sup>2</sup>	15		
G.12	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	35		
G.13	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	2		
G.14	Watermain and Water Service Insulation	E11				
i)	Pipe Under Roadway Excavation (SD-018)		m <sup>2</sup>	240		
G.15	Manhole on Existing Sewer	CW 2130-R12				
i)	SD-010					
a)	1200mm diameter base		vert. m	2.9		
<b>MA60017035</b>						
G.16	Land Drainage Sewer	CW 2130-R12				
i)	375 mm, Trenchless Installation, Class B Sand Bedding, Class 5 Backfill					
a)	0-4 m depth		m	62		
G.17	Connecting to Existing Sewer	CW 2130-R12				
i)	375mm		each	1		

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.18	Abandon Existing Sewer with Cement-Stabilized Fill	CW 2130-R12	m <sup>3</sup>	7		
G.19	Abandon Existing Manhole	CW 2130-R12	each	1		
	<b>MA60018057</b>					
G.20	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	200 mm					
a)	Class 3 Backfill		each	4.4		
G.21	Connecting to Existing Sewer	CW 2130-R12				
i)	150 mm Connecting Pipe					
a)	Connecting to 200 mm Sewer		each	3		
G.22	Sewer Inspection ( following repair)	CW2145-R4				
i)	200 mm, PVC		m	83		
ii)	375 mm, PVC		m	85		
G.23	Sewer Inspection	CW2145-R4				
i)	375 mm, PVC		m	90		
G.24	Manhole Inspection	CW 2145-R4	each	1		
G.25	Replace Manhole Benching	E13	each	1		
G.26	Patching of Existing Manholes	CW 2130-R12	vert. m	1.0		

\_\_\_\_\_  
 Name of Bidder



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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>THATCHER DRIVE - UNIVERSITY CR TO NORTH END - REHABILITATION</b>						
<b>MA60016821 &amp; MA60016832</b>						
G.27	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	200 mm					
a)	Class 3 Backfill		each	1		
ii)	600 mm					
a)	Class 3 Backfill		m	1		
G.28	Sewer Inspection ( following repair)	CW2145-R4				
i)	200 mm, Concrete		m	93		
ii)	600 mm, Concrete		m	7		
G.29	Manhole Inspection	CW 2145-R4	each	4		
G.30	Patching of Existing Manholes	CW 2130-R12	vert. m	0.6		
<b>KILLARNEY AVENUE - PEMBINA HWY TO CALEDON RD - CONCRETE RECONSTRUCTION AND REHABILITATION</b>						
G.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.5		
G.32	Patching of Existing Manholes	CW 2130-R12	vert. m	1.0		
G.33	Manhole Inspection	CW 2145-R4	each	3		
<b>G</b>	<b><u>WATER AND WASTE WORKS</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 FUNDED WORK</b>						
<b>(See B9.5, B16.2.1, B17.5, D2, D13.2-3, D14.4)</b>						
<b>H</b>	<b><u>QUEENSTON STREET - CORYDON AVE TO GROSVENOR AVE - STREET LIGHTING</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.	E14	each	6		
H.2	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E14	m	530		
H.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E14	each	6		
H.4	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E14	each	6		
H.5	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E14	each	8		
H.6	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E14	each	8		
H.7	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E14	each	2		
H.8	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.	E14	each	2		
<b>H</b>	<b><u>QUEENSTON STREET - CORYDON AVE TO GROSVENOR AVE - STREET LIGHTING</u></b>				Subtotal:	

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
<b>I</b>	<b><u>OXFORD STREET - FLEET AVE TO CORYDON AVENUE - STREET LIGHTING</u></b>						
I.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried	E14	each	6			
I.2	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E14	m	607			
I.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E14	each	6			
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.	E14	each	1			
I.5	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.	E14	each	3			
I.6	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E14	each	6			
I.7	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary Overhead Feed.	E14	each	8			
I.8	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary Overhead Feed.	E14	each	8			
I.9	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E14	each	2			
<b>I</b>	<b><u>OXFORD STREET - FLEET AVE TO CORYDON AVENUE - STREET LIGHTING</u></b>					Subtotal:	

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

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>SUMMARY</b>						
<b>PART 1 CITY FUNDED WORK</b>						
A	<u>LANARK STREET - CORYDON AVE TO GROSVENOR AVE - REHABILITATION</u>				Subtotal:	
B	<u>QUEENSTON STREET - CORYDON AVE TO GROSVENOR AVE - ASPHALT RECONSTRUCTION</u>				Subtotal:	
C	<u>OXFORD STREET - FLEET AVE TO CORYDON AVENUE - ASPHALT RECONSTRUCTION</u>				Subtotal:	
D	<u>DONNELLY STREET - CLARENCE AVE TO WALLER AVE - ASPHALT RECONSTRUCTION</u>				Subtotal:	
E	<u>THATCHER DRIVE - UNIVERSITY CR TO NORTH END - REHABILITATION</u>				Subtotal:	
F	<u>KILLARNEY AVENUE - PEMBINA HWY TO CALEDON RD - CONCRETE RECONSTRUCTION AND REHABILITATION</u>				Subtotal:	
G	<u>WATER AND WASTE WORKS</u>				Subtotal:	
<b>(total price) PART 1</b>						
<b>PART 2 MANITOBA HYDRO FUNDED WORK</b> (See B9.5, B16.2.1, B17.5, D2, D13.2-3, D14.4)						
H	<u>QUEENSTON STREET - CORYDON AVE TO GROSVENOR AVE - STREET LIGHTING</u>				Subtotal:	
I	<u>OXFORD STREET - FLEET AVE TO CORYDON AVENUE - STREET LIGHTING</u>				Subtotal:	
<b>(total price) PART 2</b>						
TOTAL BID PRICE (GST extra) (in figures) _____						

\_\_\_\_\_  
 Name of Bidder

**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. 127-2018

2018 Local Streets Package – Killarney Avenue, Queenston 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. 127-2018

2018 Local Streets Package – Killarney Avenue, Queenston 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. 127-2018

2018 Local Streets Package – Killarney Avenue, Queenston 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 June 12, 2018.

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)