

FORM A: BID
(See B8)

1. Contract Title 2017 LOCAL STREET RENEWAL PROGRAM: APPLE LANE, DEER LODGE PLACE 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(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 1 CITY FUNDED WORK						
A	<u>REHABILITATION: APPLE LANE - QUAIL RIDGE ROAD (E LEG) TO HAMILTON AVENUE</u>					
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R19	m ³	240		
A.2	Supplying and Placing Base Course Material	CW 3110-R19	m ³	240		
A.3	Grading of Boulevards	CW 3110-R19	m ²	1800		
	ROADWORKS - RENEWALS					
A.4	Pavement Removal	CW 3110-R19				
	i) Concrete Pavement		m ²	900		
A.5	Slab Replacement	CW 3230-R8				
	i) 150 mm Concrete Pavement (Reinforced)		m ²	500		
A.6	Partial Slab Patches	CW 3230-R8				
	i) 150 mm Concrete Pavement (Type A)		m ²	15		
A.7	Drilled Dowels	CW 3230-R8				
	i) 19.1 mm Diameter		each	175		
A.8	Drilled Tie Bars	CW 3230-R8				
	i) 20 M Deformed Tie Bar		each	195		
A.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
	i) 100 mm Sidewalk	SD-228A				
	a) 5 sq.m. to 20 sq.m.		m ²	125		
	b) Greater than 20 sq.m.		m ²	90		
A.10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	50		
A.11	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	50		
A.12	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	50		
A.13	Concrete Curb Installation	CW 3240-R10				
	i) Barrier (150 mm reveal ht, Separate)	SD-203A	m	190		
	ii) Modified Barrier (150 mm reveal ht, Integral)	SD-203B	m	50		
	iii) Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	7		
	iv) Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229A,B,C	m	30		

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.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	125		
b)	Greater than 30 m		m	270		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	35		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	30		
A.15	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	970		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	110		
A.16	Planing of Tie-ins and Approaches	E14	m ²	250		
A.17	Pavement Repair Fabric	E15	m ²	600		
A.18	Detectable Warning Surface Tiles	CW 3326-R3	each	4		
ROADWORKS - NEW CONSTRUCTION						
A.19	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	900		
A.20	100 mm Concrete Sidewalk	CW 3325-R5	m ²	540		
JOINT AND CRACK SEALING						
A.21	Longitudinal Joint & Crack Filling (> 25 mm in width)	CW 3250-R7	m	520		
A.22	Reflective Crack Maintenance	CW 3250-R7	m	500		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
A.23	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	1		
A.24	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type Sand Bedding, Class 2 Backfill		m	10		

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.25	Sewer Inspection	CW2145-R3				
i)	450 mm, Concrete		m	40		
A.26	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		
iii)	AP-011 - Barrier Curb and Gutter Frame		each	8		
iv)	AP-012 - Barrier Curb and Gutter Cover		each	8		
A.27	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 450 mm Concrete Sewer		each	1		
A.28	Removal of Existing Catch Basins	CW 2130-R12	each	1		
A.29	Catch Basin Cleaning	CW 2140-R3	each	10		
ADJUSTMENTS						
A.30	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	10		
A.31	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	6		
iii)	76 mm		each	2		
A.32	Adjustment of Valve Boxes	CW 3210-R8	each	5		
A.33	Valve Box Extensions	CW 3210-R8	each	5		
LANDSCAPING						
A.34	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m ²	1800		
A	<u>REHABILITATION: APPLE LANE - QUAIL RIDGE ROAD (E LEG) TO HAMILTON AVENUE</u>				Subtotal:	

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>REHABILITATION: DEER LODGE PLACE - PORTAGE AVENUE TO PORTAGE AVENUE</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R19	m ³	2150		
B.2	Sub-Grade Compaction	CW 3110-R19	m ²	4120		
B.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	3200		
B.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	500		
B.5	Grading of Boulevards	CW 3110-R19	m ²	3300		
B.6	Separation Geotextile Fabric	CW 3130-R4	m ²	4120		
	ROADWORKS - RENEWALS					
B.7	Pavement Removal	CW 3110-R19				
i)	Asphalt Pavement		m ²	3900		
B.8	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m ²	50		
B.9	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m ²	240		
B.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	20		
B.11	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	80		
B.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	60		
b)	5 sq.m. to 20 sq.m.		m ²	150		
c)	Greater than 20 sq.m.		m ²	270		
B.13	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
B.14	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
B.15	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.16	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Separate)	SD-203B	m	50		
ii)	Curb and Gutter (150 mm reveal ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	50		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229A,B,C	m	40		
B.17	Concrete Curb Renewal	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	30		
B.18	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	50		
ROADWORKS - 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	180		
B.20	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	50		
B.21	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	1050		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	190		
JOINT AND CRACK SEALING						
B.22	Reflective Crack Maintenance	CW 3250-R7	m	150		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
B.23	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	1		
B.24	Catch Pit	CW 2130-R12				
i)	SD-023		each	2		

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.25	Sewer Service	CW 2130-R12				
i)	150 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	10		
B.26	Drainage Connection Pipe	CW 2130-R12	m	15		
B.27	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	20		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	20		
B.28	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	2		
B.29	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	1		
B.30	Removal of Existing Catch Basins	CW 2130-R12	each	1		
B.31	Removal of Existing Catch Pit	CW 2130-R12	each	2		
B.32	Catch Basin Cleaning	CW 2140-R3	each	12		
B.33	Installation of Subdrains	CW 3120-R4	m	695		
	ADJUSTMENTS					
B.34	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	32		
B.35	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	21		
B.36	Adjustment of Valve Boxes	CW 3210-R8	each	5		
B.37	Valve Box Extensions	CW 3210-R8	each	2		
B.38	Adjustment of Curb Stop Boxes	CW 3210-R8	each	6		
B.39	Curb Stop Extensions	CW 3210-R8	each	2		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.40	LANDSCAPING Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	150		
ii)	width > or = 600 mm		m ²	3150		
B.41	Hydro Excavation	E12	hrs	12		
B	<u>REHABILITATION: DEER LODGE PLACE - PORTAGE AVENUE TO PORTAGE AVENUE</u>				Subtotal:	

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>SEWER REPAIRS: DEER LODGE PLACE</u>					
	DEER LODGE PLACE (MA20008504)					
C.1	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	300 mm, Wastewater Sewer					
a)	Class 3 Backfill		each	1		
C.2	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	300 mm, Wastewater Sewer					
a)	Class 3 Backfill		m	0.4		
C.3	Sewer Inspection (following repair) (MH70053911-MH20007838)	CW2145-R3				
i)	300 mm, Wastewater Sewer		m	53.4		
C.4	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	150 mm Wastewater Sewer		each	2		
C	<u>SEWER REPAIRS: DEER LODGE PLACE</u>				Subtotal:	

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
D	<u>ASPHALT RECONSTRUCTION: OLIVE STREET - LODGE AVENUE TO PORTAGE AVENUE</u>						
	EARTH AND BASE WORKS						
D.1	Excavation	CW 3110-R19	m ³	2500			
D.2	Sub-Grade Compaction	CW 3110-R19	m ²	4500			
D.3	Crushed Sub-base Material	CW 3110-R19					
i)	50 mm		tonne	3900			
D.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	600			
D.5	Grading of Boulevards	CW 3110-R19	m ²	3400			
D.6	Separation Geotextile Fabric	CW 3130-R4	m ²	4500			
	ROADWORKS - RENEWALS						
D.7	Pavement Removal	CW 3110-R19					
i)	Concrete Pavement		m ²	4850			
ii)	Asphalt Pavement		m ²	20			
D.8	Drilled Dowels	CW 3230-R8					
i)	19.1 mm Diameter		each	150			
D.9	Drilled Tie Bars	CW 3230-R8					
i)	20 M Deformed Tie Bar		each	330			
D.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9					
i)	100 mm Sidewalk	SD-228A					
a)	Less than 5 sq.m.		m ²	75			
b)	5 sq.m. to 20 sq.m.		m ²	310			
c)	Greater than 20 sq.m.		m ²	1000			
D.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	5			
D.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	5			
D.13	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	5			
D.14	Concrete Curb Removal	CW 3240-R10					
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	15			
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	15			

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.15	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	30		
D.16	Planing of Tie-ins and Approaches	E13	m ²	50		
D.17	Detectable Warning Surface Tiles	CW 3326-R3	each	10		
ROADWORKS - NEW CONSTRUCTION						
D.18	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	95		
ii)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	670		
D.19	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement for Early Opening 24 Hour (Reinforced)		m ²	80		
ii)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	630		
D.20	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (150 mm reveal ht, Separate)	SD-203A	m	30		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	50		
iii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement), Slip Form Paving	SD-200	m	620		
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	255		
v)	Construction of Curb and Gutter (75 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	90		
vi)	Construction of Curb Ramp (8-12 mm ht, Monolithic)	SD-229C	m	35		
D.21	Interlocking Paving Stones	CW 3330-R5	m ²	30		
D.22	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	800		
ii)	Tie-ins and Approaches					

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	a) Type IA		tonne	50		
	JOINT AND CRACK SEALING					
D.23	Reflective Crack Maintenance	CW 3250-R7	m	50		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.24	Catch Basin	CW 2130-R12				
	i) SD-024, 1800 mm deep		each	6		
D.25	Sewer Service	CW 2130-R12				
	i) 250 mm, PVC					
	a) In a Trench, Class B Type Sand Bedding, Class 2 Backfill		m	65		
D.26	Sewer Inspection	CW2145-R3				
	i) 250 mm, PVC		m	65		
	ii) 300 mm, PVC		m	81		
D.27	Frames & Covers	CW3210-R8				
	i) AP-006 - Standard Frame for Manhole and Catch Basin		each	4		
	ii) AP-007 - Standard Solid Cover for Standard Frame		each	4		
D.28	Removal of Existing Catch Basins	CW 2130-R12	each	5		
D.29	Removal of Existing Catch Pit	CW 2130-R12	each	2		
D.30	Installation of Subdrains	CW 3120-R4	m	72		
D.31	Watermain and Water Service Insulation	E11				
	i) Pipe Under Roadway Excavation (SD-018)		m ²	260		
D.32	Installation of New Manhole	CW 2130-R12				
	i) SD-010					
	a) 1200 mm Diameter Base		vert.m.	11		
D.33	New Manhole Inspection	CW 2145-R4	each	4		
D.34	Land Drainage Sewer	CW 2130-R12				
	i) 300 mm					
	a) Trenchless Installation, Class B Sand Bedding, Class 3 Backfill		m	81		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
D.35	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	3		
D.36	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
D.37	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	4		
D.38	Adjustment of Valve Boxes	CW 3210-R8	each	6		
D.39	Adjustment of Curb Stop Boxes	CW 3210-R8	each	20		
	LANDSCAPING					
D.40	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	600		
ii)	width > or = 600 mm		m ²	2800		
D.41	Hydro Excavation	E12	hrs	8		
D	<u>ASPHALT RECONSTRUCTION: OLIVE STREET - LODGE AVENUE TO PORTAGE AVENUE</u>				Subtotal:	

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>REHABILITATION: SAVOY CRESCENT - SCOTSWOOD DRIVE TO NORTH END</u>					
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R19	m ³	50		
E.2	Supplying and Placing Base Course Material	CW 3110-R19	m ³	50		
E.3	Grading of Boulevards	CW 3110-R19	m ²	1700		
	ROADWORKS - RENEWALS					
E.4	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	235		
E.5	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m ²	10		
ii)	150 mm Concrete Pavement (Type D)		m ²	65		
E.6	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	30		
E.7	Partial Depth Planing of Existing Joints	E16	m ²	100		
E.8	Asphalt Patching of Partial Depth Joints	E16	m ²	100		
E.9	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	100		
E.10	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	110		
E.11	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.12	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	2		
E.13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	2		
E.14	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	2		
E.15	Concrete Curb Removal	CW 3240-R10				
i)	Mountable Curb		m	550		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.16	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	565		
ii)	Barrier (100 mm reveal ht, Separate)	SD-203A	m	55		
iii)	Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	50		
iv)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	5		
v)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229A,B,C	m	10		
E.17	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (180 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	70		
E.18	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	30		
E.19	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	720		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	240		
E.20	Planing of Tie-ins and Approaches	E14	m ²	90		
E.21	Pavement Repair Fabric	E15	m ²	450		
	JOINT AND CRACK SEALING					
E.22	Longitudinal Joint & Crack Filling (> 25 mm in width)	CW 3250-R7	m	50		
E.23	Reflective Crack Maintenance	CW 3250-R7	m	500		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
E.24	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	5		
E.25	Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
E.26	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	20		

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.27	Drainage Connection Pipe	CW 2130-R12	m	5		
E.28	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	1		
iii)	AP-011 - Barrier Curb and Gutter Frame		each	1		
iv)	AP-012 - Barrier Curb and Gutter Cover		each	1		
E.29	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1		
E.30	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	5		
E.31	Removal of Existing Catch Basins	CW 2130-R12	each	4		
E.32	Catch Basin Cleaning	CW 2140-R3	each	7		
ADJUSTMENTS						
E.33	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	2		
E.34	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	2		
iii)	76 mm		each	2		
E.35	Adjustment of Valve Boxes	CW 3210-R8	each	5		
E.36	Valve Box Extensions	CW 3210-R8	each	3		
LANDSCAPING						
E.37	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m ²	1700		
E	<u>REHABILITATION: SAVOY CRESCENT - SCOTSWOOD DRIVE TO NORTH END</u>				Subtotal:	

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	<u>REHABILITATION: WESTWOOD DRIVE (N/B) - SANSOME AVENUE TO BYRD AVENUE</u>					
	EARTH AND BASE WORKS					
F.1	Excavation	CW 3110-R19	m ³	250		
F.2	Supplying and Placing Base Course Material	CW 3110-R19	m ³	250		
F.3	Grading of Boulevards	CW 3110-R19	m ²	3400		
	ROADWORKS - RENEWALS					
F.4	Pavement Removal	CW 3110-R19				
	i) Concrete Pavement		m ²	1200		
F.5	Slab Replacement	CW 3230-R8				
	i) 150 mm Concrete Pavement (Reinforced)		m ²	350		
F.6	Partial Slab Patches	CW 3230-R8				
	i) 150 mm Concrete Pavement (Type A)		m ²	30		
	ii) 150 mm Concrete Pavement (Type B)		m ²	110		
	iii) 150 mm Concrete Pavement (Type D)		m ²	160		
F.7	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
	i) 150 mm Concrete Pavement (Reinforced)		m ²	320		
F.8	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
	i) 150 mm Concrete Pavement (Type B)		m ²	90		
	ii) 150 mm Concrete Pavement (Type D)		m ²	140		
F.9	Drilled Dowels	CW 3230-R8				
	i) 19.1 mm Diameter		each	375		
F.10	Drilled Tie Bars	CW 3230-R8				
	i) 20 M Deformed Tie Bar		each	1610		
F.11	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	1620		
F.12	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	70		

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.13	Concrete Curb Renewal	CW 3240-R10				
	i) Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
	a) 3 m to 30 m		m	270		
	b) Greater than 30 m		m	1400		
	ii) Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	40		
	iii) Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	40		
F.14	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
	i) Main Line Paving					
	a) Type IA		tonne	2100		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	180		
F.15	Planing of Pavement	CW 3450-R6				
	i) 1 - 50 mm Depth (Asphalt)		m ²	5000		
	ii) 50 - 100 mm Depth (Asphalt)		m ²	5000		
F.16	Pavement Repair Fabric	E15	m ²	450		
	ROADWORKS - NEW CONSTRUCTION					
F.17	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
	i) Construction of 150 mm Concrete Pavement (Reinforced)		m ²	600		
	ii) Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	30		
	iii) Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	600		
F.18	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
	i) Construction of Barrier (150 mm ht, Separate)	SD-203A	m	370		
	ii) Construction of Modified Barrier (150 mm ht, Integral)	SD-203B	m	80		
	iii) Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	57		
F.19	100 mm Concrete Sidewalk	CW 3325-R5	m ²	62		

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
JOINT AND CRACK SEALING						
F.20	Longitudinal Joint & Crack Filling (> 25 mm in width)	CW 3250-R7	m	50		
F.21	Reflective Crack Maintenance	CW 3250-R7	m	1825		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
F.22	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	14		
ii)	SD-024, 1800 mm deep		each	4		
F.23	Catch Pit	CW 2130-R12				
i)	SD-023		each	2		
F.24	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	40		
F.25	Drainage Connection Pipe	CW 2130-R12	m	10		
F.26	Sewer Inspection	CW2145-R3				
i)	300 mm, LDS Concrete		m	30		
ii)	450 mm, LDS Concrete		m	15		
iii)	600 mm, LDS Concrete		m	20		
F.27	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	19		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	19		
F.28	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	2		
F.29	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 300 mm (Type Concrete LDS) Sewer		each	4		
b)	Connecting to 450 mm (Type Concrete LDS) Sewer		each	2		

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	c) Connecting to 600 mm (Type Concrete LDS) Sewer		each	1		
F.30	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
	i) 250 mm		each	11		
F.31	Removal of Existing Catch Basins	CW 2130-R12	each	14		
F.32	Removal of Existing Catch Pit	CW 2130-R12	each	11		
F.33	Catch Basin Cleaning	CW 2140-R3	each	2		
ADJUSTMENTS						
F.34	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	19		
F.35	Lifter Rings (AP-010)	CW 3210-R8				
	i) 51 mm		each	19		
F.36	Adjustment of Valve Boxes	CW 3210-R8	each	10		
F.37	Valve Box Extensions	CW 3210-R8	each	10		
LANDSCAPING						
F.38	Sodding	CW 3510-R9				
	i) width < 600 mm		m ²	550		
	ii) width > or = 600 mm		m ²	2850		
F	<u>REHABILITATION: WESTWOOD DRIVE (N/B) - SANSOME AVENUE TO BYRD AVENUE</u>				Subtotal:	

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
PART 2 MANITOBA HYDRO FUNDED WORK							
G	<u>NEW STREET LIGHT INSTALLATION</u>						
	OLIVE STREET FROM LODGE AVENUE TO PORTAGE AVENUE						
G.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances.	E16.	each	7			
G.2	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E16.	lin.m	550			
G.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E16.	each	10			
G.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.	E16.	each	2			
G.5	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E16.	each	10			
G.6	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E16.	per span	10			
G.7	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E16.	per span	10			
G.8	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E16.	each	1			
G.9	Install / lower 3 m of Cable Guard, ground lug, cable up pole, and first 3 m section of ground rod per Standard CD 315-5.	E16.	each	2			
G	<u>NEW STREET LIGHT INSTALLATION</u>					Subtotal:	

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
PART 1 CITY FUNDED WORK						
A	<u>REHABILITATION: APPLE LANE - QUAIL RIDGE ROAD (E LEG) TO HAMILTON AVENUE</u>				Subtotal:	
B	<u>REHABILITATION: DEER LODGE PLACE - PORTAGE AVENUE TO PORTAGE AVENUE</u>				Subtotal:	
C	<u>SEWER REPAIRS: DEER LODGE PLACE</u>				Subtotal:	
D	<u>ASPHALT RECONSTRUCTION: OLIVE STREET - LODGE AVENUE TO PORTAGE AVENUE</u>				Subtotal:	
E	<u>REHABILITATION: SAVOY CRESCENT - SCOTSWOOD DRIVE TO NORTH END</u>				Subtotal:	
F	<u>REHABILITATION: WESTWOOD DRIVE (N/B) - SANSOME AVENUE TO BYRD AVENUE</u>				Subtotal:	
(total price) PART 1						
PART 2 MANITOBA HYDRO FUNDED WORK						
G	<u>NEW STREET LIGHT INSTALLATION</u>				Subtotal:	
(total price) PART 2						
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. 279-2017

2017 LOCAL STREET RENEWAL PROGRAM: APPLE LANE, DEER LODGE PLACE 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. 279-2017

2017 LOCAL STREET RENEWAL PROGRAM: APPLE LANE, DEER LODGE PLACE 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. 279-2017

2017 LOCAL STREET RENEWAL PROGRAM: APPLE LANE, DEER LODGE PLACE 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 July 17, 2017

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)