

FORM A: BID
(See B8)

1. Contract Title 2016 LOCAL STREET RENEWAL PROGRAM: LAKEWOOD BOULEVARD, KILKENNY DRIVE 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 REHABILITATION: CLOUTIER DRIVE FROM PEMBINA HIGHWAY TO STA. 0+250</u>					
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R19	m ³	40		
A.2	Supplying and Placing Base Course Material	CW 3110-R19	m ³	40		
A.3	Grading of Boulevards	CW 3110-R19	m ²	320		
	ROADWORKS - RENEWALS					
A.4	Pavement Removal	CW 3110-R19				
	i) Concrete Pavement		m ²	190		
A.5	Slab Replacement	CW 3230-R8				
	i) 150 mm Concrete Pavement (Reinforced)		m ²	130		
A.6	Partial Slab Patches	CW 3230-R8				
	i) 150 mm Concrete Pavement (Type A)		m ²	5		
	ii) 150 mm Concrete Pavement (Type B)		m ²	10		
A.7	Drilled Dowels	CW 3230-R8				
	i) 19.1 mm Diameter		each	90		
A.8	Drilled Tie Bars	CW 3230-R8				
	i) 20 M Deformed Tie Bar		each	110		
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	25		
A.10	Concrete Curb Installation	CW 3240-R10				
	i) Barrier (100 mm reveal ht, Separate)	SD-203A	m	45		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	Modified Barrier (150 mm reveal ht, Integral)	SD-203B	m	35		
A.11	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	40		
b)	Greater than 30 m		m	35		
A.12	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	440		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	50		
A.13	Pavement Repair Fabric	E11	m ²	450		
A.14	Detectable Warning Surface Tiles	CW 3326-R3	each	2		
ROADWORKS - NEW CONSTRUCTION						
A.15	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	190		
JOINT AND CRACK SEALING						
A.16	Reflective Crack Maintenance	CW 3250-R7	m	540		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
A.17	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	1		
A.18	Catch Pit	CW 2130-R12				
i)	SD-023		each	1		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.19	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type Sand Bedding, Class 2 Backfill		m	3		
A.20	Drainage Connection Pipe	CW 2130-R12	m	4		
A.21	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	3		
iv)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	3		
A.22	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1		
A.23	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1		
A.24	Removal of Existing Catch Basins	CW 2130-R12	each	1		
A.25	Removal of Existing Catch Pit	CW 2130-R12	each	1		
	ADJUSTMENTS					
A.26	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	10		
A.27	Lifter Rings	CW 3210-R7				
i)	51 mm		each	2		
A.28	Adjustment of Valve Boxes	CW 3210-R7	each	2		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.29	LANDSCAPING Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	25		
ii)	width > or = 600 mm		m ²	300		
A	<u>ASPHALT REHABILITATION: CLOUTIER DRIVE FROM PEMBINA HIGHWAY TO STA. 0+250</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>ASPHALT REHABILITATION: CROFTON BAY FROM PULBERRY STREET TO PULBERRY STREET</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R19	m ³	10		
B.2	Supplying and Placing Base Course Material	CW 3110-R19	m ³	10		
B.3	Grading of Boulevards	CW 3110-R19	m ²	2,300		
	ROADWORKS - RENEWALS					
B.4	Pavement Removal	CW 3110-R19				
	i) Asphalt Pavement		m ²	140		
B.5	Partial Slab Patches	CW 3230-R8				
	i) 150 mm Concrete Pavement (Type A)		m ²	5		
	ii) 150 mm Concrete Pavement (Type B)		m ²	20		
B.6	Drilled Dowels	CW 3230-R8				
	i) 19.1 mm Diameter		each	15		
B.7	Drilled Tie Bars	CW 3230-R8				
	i) 20 M Deformed Tie Bar		each	55		
B.8	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	40		
	c) Greater than 20 sq.m.		m ²	180		
B.9	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
B.10	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.11	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
B.12	Concrete Curb Removal	CW 3240-R10				
i)	Mountable Curb		m	1,070		
B.13	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	20		
b)	3 m to 30 m		m	800		
c)	Greater than 30 m		m	130		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	25		
iii)	Modified Lip Curb (40 mm reveal ht, Dowelled)	SD-202C	m	70		
iv)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	25		
B.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	125		
B.15	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	1,120		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	90		
B.16	Pavement Repair Fabric	E11	m ²	4,800		
B.17	Detectable Warning Surface Tiles	CW 3326-R3	each	8		
	JOINT AND CRACK SEALING					
B.18	Reflective Crack Maintenance	CW 3250-R7	m	1,300		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
B.19	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	1		
B.20	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type Sand Bedding, Class 2 Backfill		m	3		
B.21	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1		
B.22	Removal of Existing Catch Pit	CW 2130-R12	each	1		
B.23	Catch Basin Cleaning	CW 2140-R3	each	9		
ADJUSTMENTS						
B.24	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	5		
B.25	Lifter Rings	CW 3210-R7				
i)	76 mm		each	15		
B.26	Adjustment of Valve Boxes	CW 3210-R7	each	6		
B.27	Valve Box Extensions	CW 3210-R7	each	6		
B.28	Adjustment of Curb Stop Boxes	CW 3210-R7	each	16		
B.29	Curb Stop Extensions	CW 3210-R7	each	16		
LANDSCAPING						
B.30	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	140		
ii)	width > or = 600 mm		m ²	2,150		
B	<u>ASPHALT REHABILITATION: CROFTON BAY FROM PULBERRY STREET TO PULBERRY STREET</u>				Subtotal:	

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>ASPHALT REHABILITATION: LAKEWOOD BOULEVARD FROM BEAVERHILL BOULEVARD TO EDGEWATER DRIVE</u>					
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R19	m ³	55		
C.2	Supplying and Placing Base Course Material	CW 3110-R19	m ³	55		
C.3	Grading of Boulevards	CW 3110-R19	m ²	5,000		
ROADWORKS - RENEWALS						
C.4	Pavement Removal	CW 3110-R19				
i)	Asphalt Pavement		m ²	120		
C.5	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	300		
C.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	80		
iii)	150 mm Concrete Pavement (Type D)		m ²	105		
C.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	430		
C.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	240		
C.9	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	5		
C.10	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m ²	90		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m ²	100		
b)	Greater than 20 sq.m.		m ²	2,000		
ii)	150 mm Reinforced Sidewalk					
a)	5 sq.m. to 20 sq.m.		m ²	15		
iii)	Bullnose	SD-227C	m ²	5		
iv)	Monolithic Curb and Sidewalk	SD-228B	m ²	20		
C.12	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	40		
C.13	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Separate)	SD-203A	m	80		
ii)	Modified Barrier (150 mm reveal ht, Integral)	SD-203B	m	20		
C.14	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	15		
b)	3 m to 30 m		m	355		
c)	Greater than 30 m		m	635		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	195		
iii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	110		
C.15	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	1,600		
ii)	Tie-ins and Approaches					

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	a) Type IA		tonne	260		
C.16	Pavement Repair Fabric	E11	m ²	900		
C.17	Detectable Warning Surface Tiles	CW 3326-R3	each	22		
JOINT AND CRACK SEALING						
C.18	Reflective Crack Maintenance	CW 3250-R7	m	1,700		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
C.19	Catch Basin	CW 2130-R12				
	i) SD-024, 1200 mm deep		each	13		
	ii) SD-025, 1200 mm deep		each	2		
C.20	Sewer Service	CW 2130-R12				
	i) 250 mm, PVC					
	a) In a Trench, Class ^ Type ^ Bedding, Class 2 Backfill		m	60		
C.21	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
	i) AP-004 - Standard Frame for Manhole and Catch Basin		each	8		
	ii) AP-005 - Standard Solid Cover for Standard Frame		each	8		
C.22	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
	i) 250 mm		each	15		
C.23	Removal of Existing Catch Basins	CW 2130-R12	each	15		
ADJUSTMENTS						
C.24	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	15		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.25	Lifter Rings	CW 3210-R7				
i)	51 mm		each	8		
C.26	Adjustment of Valve Boxes	CW 3210-R7	each	10		
C.27	Valve Box Extensions	CW 3210-R7	each	10		
C.28	Adjustment of Curb Stop Boxes	CW 3210-R7	each	5		
LANDSCAPING						
C.29	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	500		
ii)	width > or = 600 mm		m ²	4,300		
C	<u>ASPHALT REHABILITATION: LAKEWOOD BOULEVARD FROM BEAVERHILL BOULEVARD TO EDGEWATER DRIVE</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<u>ASPHALT REHABILITATION: ABBOTSFORD CRESCENT FROM DAKOTA STREET TO WYOMING STREET</u>					
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R19	m ³	20		
D.2	Supplying and Placing Base Course Material	CW 3110-R19	m ³	20		
D.3	Grading of Boulevards	CW 3110-R19	m ²	240		
	ROADWORKS - RENEWALS					
D.4	Pavement Removal	CW 3110-R19				
i)	Asphalt Pavement		m ²	65		
D.5	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	80		
D.6	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m ²	5		
ii)	150 mm Concrete Pavement (Type B)		m ²	70		
D.7	Partial Depth Planing of Existing Joints	E18	m ²	190		
D.8	Asphalt Patching of Partial Depth Joints	E18	m ²	190		
D.9	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	210		
D.10	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	220		
D.11	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	5		
D.12	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	60		
ii)	150 mm Reinforced Sidewalk					

FORM B: PRICES
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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	a) Less than 5 sq.m.		m ²	5		
D.13	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
D.14	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
D.15	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
D.16	Concrete Curb Installation	CW 3240-R10				
	i) Barrier (100 mm reveal ht, Separate)	SD-203A	m	35		
	ii) Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	10		
	iii) Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	10		
D.17	Concrete Curb Renewal	CW 3240-R10				
	i) Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
	a) Less than 3 m		m	15		
	b) 3 m to 30 m		m	50		
	ii) Modified Barrier (100 mm reveal ht, Dowelled)	SD-203B	m	15		
D.18	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	5		
	i) Main Line Paving					
	a) Type IA		tonne	350		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	40		
D.19	Detectable Warning Surface Tiles	CW 3326-R3	each	4		
	ROADWORKS - NEW CONSTRUCTION					
D.20	Interlocking Paving Stones	CW 3330-R5	m ²	5		
	JOINT AND CRACK SEALING					
D.21	Reflective Crack Maintenance	CW 3250-R7	m	500		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.22	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	1		
iii)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	2		
iv)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	2		
ADJUSTMENTS						
D.23	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1		
D.24	Lifter Rings	CW 3210-R7				
i)	51 mm		each	1		
D.25	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
D.26	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	2		
LANDSCAPING						
D.27	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m ²	240		
D	<u>ASPHALT REHABILITATION: ABBOTSFORD CRESCENT FROM DAKOTA STREET TO WYOMING STREET</u>				Subtotal:	

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>PAVEMENT REHABILITATION: KILKENNY DRIVE FROM KINGS DRIVE TO PATRICIA AVENUE</u>					
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R19	m ³	300		
E.2	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm - Limestone		tonne	55		
E.3	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m ³	340		
E.4	Grading of Boulevards	CW 3110-R19	m ²	2,150		
E.5	Separation Geotextile Fabric	CW 3130-R4	m ²	1,210		
E.6	Bench Cuts	E14	m	400		
E.7	Fill Material	CW 3170-R3				
i)	Placing Suitable Site Material		m ³	425		
	ROADWORKS - RENEWALS					
E.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	650		
ii)	Asphalt Pavement		m ²	110		
E.9	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type B)		m ²	30		
E.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	40		
E.11	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	210		
E.12	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Separate		m	15		
ii)	Curb and Gutter		m	1,120		
E.13	Concrete Curb Renewal	CW 3240-R10				
i)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	5		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	80		
E.15	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	700		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	50		
E.16	Construction of Asphalt Patches	E10	m ²	1,100		
E.17	Planing of Pavement	CW 3450-R6 , E16				
i)	1 - 50 mm Depth (Asphalt)		m ²	2,600		
E.18	Detectable Warning Surface Tiles	CW 3326-R3	each	4		
ROADWORKS - NEW CONSTRUCTION						
E.19	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	700		
E.20	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (150 mm ht, Dowelled)	SD-205	m	25		
ii)	Construction of Modified Barrier (150 mm ht, Integral)	SD-203B	m	40		
iii)	Construction of Curb and Gutter (120mm ht, Mountable Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200, E13	m	800		
iv)	Construction of Curb and Gutter (150 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B, E13	m	20		
v)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B, E13	m	300		
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, E13	m	10		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
vii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	5		
E.21	Concrete Sidewalk Pathway (150 mm reinforced)	CW 3325, E15	m ²	900		
E.22	Interlocking Paving Stones	CW 3330-R5	m ²	10		
JOINT AND CRACK SEALING						
E.23	Reflective Crack Maintenance	CW 3250-R7	m	100		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
E.24	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	6		
ii)	SD-024, 1200 mm deep		each	1		
E.25	Catch Pit	CW 2130-R12				
i)	SD-023		each	3		
E.26	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 3 Type 2 Bedding, Class 2 Backfill		m	40		
E.27	Drainage Connection Pipe	CW 2130-R12	m	20		
E.28	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		
E.29	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1		
E.30	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	3		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.31	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	5		
E.32	Removal of Existing Catch Basins	CW 2130-R12	each	7		
E.33	Removal of Existing Catch Pit	CW 2130-R12	each	6		
E.34	Catch Basin Cleaning	CW 2140-R3	each	2		
ADJUSTMENTS						
E.35	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	9		
E.36	Lifter Rings	CW 3210-R7				
i)	51 mm		each	5		
E.37	Adjustment of Valve Boxes	CW 3210-R7	each	8		
E.38	Valve Box Extensions	CW 3210-R7	each	2		
E.39	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
LANDSCAPING						
E.40	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	500		
ii)	width > or = 600 mm		m ²	1,600		
E.41	Seeding	CW 3520-R7, E12	m ²	1,800		
E	<u>PAVEMENT REHABILITATION: KILKENNY DRIVE FROM KINGS DRIVE TO PATRICIA AVENUE</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	<u>PAVEMENT REHABILITATION/ASPHALT RECONSTRUCTION: MARKHAM ROAD FROM CHANCELLOR DRIVE SOUTH LEG TO FOREST LAKE DRIVE</u>					
	EARTH AND BASE WORKS					
	F.1	Excavation	CW 3110-R19	m ³	900	
	F.2	Sub-Grade Compaction	CW 3110-R19	m ²	1,350	
	F.3	Crushed Sub-base Material	CW 3110-R19			
	i)	50 mm		tonne	1,220	
	F.4	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m ³	115	
	F.5	Grading of Boulevards	CW 3110-R19	m ²	2,500	
	F.6	Separation Geotextile Fabric	CW 3130-R4	m ²	1,350	
	ROADWORKS - RENEWALS					
	F.7	Pavement Removal	CW 3110-R19			
	i)	Asphalt Pavement		m ²	1,200	
	F.8	Miscellaneous Concrete Slab Renewal	CW 3235-R9			
i)	100 mm Sidewalk	SD-228A				
a)	Greater than 20 sq.m.		m ²	980		
F.9	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	35		
F.10	Concrete Curb Removal	CW 3240-R10				
i)	Curb and Gutter		m	115		
F.11	Concrete Curb Installation	CW 3240-R10				
i)	Curb and Gutter (180 mm reveal ht, Barrier, Integral, 450 mm width, 150 mm Plain Concrete Pavement)	SD-200, E13	m	225		
ii)	Curb and Gutter (180 mm reveal ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B, E13	m	15		
iii)	Curb and Gutter (8-12 mm reveal ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200, E13	m	15		
F.12	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	a) Type IA		tonne	215		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	40		
F.13	Planing of Pavement	CW 3450-R6, E16				
	i) 1 - 50 mm Depth (Asphalt)		m ²	1,650		
F.14	Detectable Warning Surface Tiles	CW 3326-R3	each	5		
ROADWORKS - NEW CONSTRUCTION						
F.15	100 mm Concrete Sidewalk	CW 3325-R5	m ²	100		
	i) Main Line Paving					
	a) Type IA		tonne	150		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	40		
F.16	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R11	tonne	230		
JOINT AND CRACK SEALING						
F.17	Reflective Crack Maintenance	CW 3250-R7	m	100		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
F.18	Catch Basin	CW 2130-R12				
	i) SD-024, 1200 mm deep		each	3		
F.19	Catch Pit	CW 2130-R12				
	i) SD-023		each	2		
F.20	Sewer Service	CW 2130-R12				
	i) 250 mm, PVC					
	a) In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	25		
F.21	Drainage Connection Pipe	CW 2130-R12	m	15		
F.22	Connecting to Existing Manhole	CW 2130-R12				
	i) 250 mm Catch Basin Lead		each	3		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.23	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1		
F.24	Removal of Existing Catch Basins	CW 2130-R12	each	2		
F.25	Removal of Existing Catch Pit	CW 2130-R12	each	2		
F.26	Catch Basin Cleaning	CW 2140-R3	each	3		
F.27	Installation of Subdrains	CW 3120-R4	m	24		
ADJUSTMENTS						
F.28	Adjustment of Valve Boxes	CW 3210-R7	each	7		
F.29	Valve Box Extensions	CW 3210-R7	each	1		
F.30	Adjustment of Curb Stop Boxes	CW 3210-R7	each	10		
F.31	Curb Stop Extensions	CW 3210-R7	each	5		
LANDSCAPING						
F.32	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m ²	2,350		
F	<u>PAVEMENT REHABILITATION/ASPHALT RECONSTRUCTION: MARKHAM ROAD FROM CHANCELLOR DRIVE SOUTH LEG TO FOREST LAKE DRIVE</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G	<u>SEWER REPAIRS: KILKENNY DRIVE</u>					
	<u>KILKENNY DRIVE (CL60019567)</u>					
G.1	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	300 mm					
a)	Class 3 Backfill		each	1		
G.2	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	300 mm LDS					
a)	Class 3 Backfill		m	4		
G.3	Sewer Inspection (following repair)	CW2145-R3				
i)	300 mm, LDS		m	105		
G	<u>SEWER REPAIRS: KILKENNY DRIVE</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						
H	<u>NEW STREET LIGHT INSTALLATION</u>					
	<u>KILKENNY DRIVE FROM KINGS DRIVE TO PATRICIA AVENUE</u>					
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.	E17.	each	10		
H.2	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E17.	lin.m	553		
H.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E17.	each	11		
H.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.	E17.	each	1		
H.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.	E17.	each	2		
H.6	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E17.	each	12		
H.7	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E17.	per span	12		
H.8	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E17.	each	1		
H.9	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E17.	per span	12		
H	<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 REHABILITATION: CLOUTIER DRIVE FROM PEMBINA HIGHWAY TO STA. 0+250</u>				Subtotal:	
B	<u>ASPHALT REHABILITATION: CROFTON BAY FROM PULBERRY STREET TO PULBERRY STREET</u>				Subtotal:	
C	<u>ASPHALT REHABILITATION: LAKEWOOD BOULEVARD FROM BEAVERHILL BOULEVARD TO EDGEWATER DRIVE</u>				Subtotal:	
D	<u>ASPHALT REHABILITATION: ABBOTSFORD CRESCENT FROM DAKOTA STREET TO WYOMING STREET</u>				Subtotal:	
E	<u>PAVEMENT REHABILITATION: KILKENNY DRIVE FROM KINGS DRIVE TO PATRICIA AVENUE</u>				Subtotal:	
F	<u>PAVEMENT REHABILITATION/ASPHALT RECONSTRUCTION: MARKHAM ROAD FROM CHANCELLOR DRIVE SOUTH LEG TO FOREST LAKE DRIVE</u>				Subtotal:	
G	<u>SEWER REPAIRS: KILKENNY DRIVE</u>				Subtotal:	
(total price) PART 1						
PART 2 MANITOBA HYDRO FUNDED WORK						
H	<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. 217-2016

2016 LOCAL STREET RENEWAL PROGRAM: LAKEWOOD BOULEVARD, KILKENNY DRIVE 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. 217-2016

2016 LOCAL STREET RENEWAL PROGRAM: LAKEWOOD BOULEVARD, KILKENNY DRIVE 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. 217-2016

2016 LOCAL STREET RENEWAL PROGRAM: LAKEWOOD BOULEVARD, KILKENNY DRIVE
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 3, 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)