

FORM A: BID
(See B8)

1. Contract Title 2016 LOCAL STREET RENEWAL PROGRAM: AIKINS 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 and

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
A	<u>Carruthers Avenue from Arlington Street to Parr Street-Concrete Reconstruction</u>					
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R19	m ³	430		
A.2	Sub-Grade Compaction	CW 3110-R19	m ²	1145		
A.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	900		
A.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	130		
A.5	Grading of Boulevards	CW 3110-R19	m ²	40		
A.6	Separation Geotextile Fabric	CW 3130-R4	m ²	1145		
A.7	Supply and Install Geogrid	CW 3135-R1	m ²	1145		
A.8	Surfacing Material	CW 3150-R4				
i)	Limestone		tonne	50		
	ROADWORKS - RENEWALS/REMOVALS					
A.9	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	1305		
ii)	Asphalt Pavement		m ²	150		
A.10	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	270		
A.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	15		
b)	5 sq.m. to 20 sq.m.		m ²	10		
A.12	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	30		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORKS - NEW CONSTRUCTION						
A.13	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
vii)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	1305		
A.14	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	22		
ii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	10		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
A.15	Catch Basin	CW 2130-R12				
i)	SD-025, 1800 mm deep		each	2		
A.16	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-025		each	1		
A.17	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	Trenchless Installation, Class B Type 3 Bedding, Class 3 Backfill		m	108		
A.18	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1		
A.19	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1		
A.20	Installation of Subdrains	CW 3120-R4	m	36		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.21	ADJUSTMENTS Lifter Rings	CW 3210-R7				
i)	51 mm		each	3		
A.22	LANDSCAPING Sodding	CW 3510-R9				
i)	width > or = 600 mm		m ²	40		
A	<u>Carruthers Avenue from Arlington Street to Parr Street-Concrete Reconstruction</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>Carruthers Avenue from McKenzie Street to Mcgregor Street-Concrete Reconstruction</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R19	m ³	465		
B.2	Sub-Grade Compaction	CW 3110-R19	m ²	1235		
B.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	935		
B.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	130		
B.5	Grading of Boulevards	CW 3110-R19	m ²	60		
B.6	Separation Geotextile Fabric	CW 3130-R4	m ²	1235		
B.7	Supply and Install Geogrid	CW 3135-R1	m ²	1235		
B.8	Surfacing Material	CW 3150-R4				
i)	Limestone		tonne	55		
	ROADWORKS - RENEWALS/REMOVALS					
B.9	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	1540		
ii)	Asphalt Pavement		m ²	60		
B.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	45		
B.11	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	230		
B.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m ²	30		
B.13	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	20		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.14	Planing of Pavement	CW 3450-R6				
i)	50 - 100 mm Depth (Asphalt)		m ²	70		
	ROADWORKS - NEW CONSTRUCTION					
B.15	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	1540		
B.16	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 Ramp (8-12 mm ht, Integral)	SD-229C	m	7		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.17	Catch Basin	CW 2130-R12				
i)	SD-025, 1200 mm deep		each	2		
B.18	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-025		each	1		
B.19	Sewer Service	CW 2130-R12				
i)	200 mm, PVC					
a)	Trenchless Installation, Class B Type 3 Bedding, Class 3 Backfill		m	70		
ii)	250 mm, PVC					
a)	In a Trench, Class B Compacted Sand Bedding, Class 3 Backfill		m	5		
B.20	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	1		
B.21	Installation of Subdrains	CW 3120-R4	m	24		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
B.22	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
B.23	Lifter Rings	CW 3210-R7				
i)	51 mm		each	3		
	LANDSCAPING					
B.24	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m ²	60		
B	<u>Carruthers Avenue from Mckenzie Street to Mcgregor Street-Concrete Reconstruction</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>Carruthers Avenue from Powers Street to Salter Street-Concrete Reconstruction</u>					
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R19	m ³	440		
C.2	Sub-Grade Compaction	CW 3110-R19	m ²	1165		
C.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	880		
C.4	Grading of Boulevards	CW 3110-R19	m ²	40		
C.5	Supplying and Placing Base Course Material	CW 3110-R19	m ³	130		
C.6	Separation Geotextile Fabric	CW 3130-R4	m ²	1165		
C.7	Supply and Install Geogrid	CW 3135-R1	m ²	1165		
C.8	Surfacing Material	CW 3150-R4				
i)	Limestone		tonne	20		
	ROADWORKS - RENEWALS/REMOVALS					
C.9	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	1500		
ii)	Asphalt Pavement		m ²	310		
C.10	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	270		
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	30		
ii)	150 mm Reinforced Sidewalk					
a)	Greater than 20 sq.m.		m ²	275		
C.12	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	60		
C.13	Planing of Pavement	CW 3450-R6				
i)	50 - 100 mm Depth (Asphalt)		m ²	70		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORKS - NEW CONSTRUCTION						
C.14	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	1500		
C.15	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	20		
ii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	11		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
C.16	Manhole	CW 2130-R12				
i)	SD-010, (1200 Diameter Base)		vert. m	6		
C.17	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-025		each	2		
C.18	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Compacted Sand Bedding, Class 3 Backfill		m	2		
C.19	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert m	6		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.20	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	375 mm					
a)	Class 3 Backfill		each	4		
C.21	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	375 mm					
a)	Class 3 Backfill		m	2		
C.22	Sewer Inspection (following repair)	CW2145-R3				
i)	375 mm, CS		m	202		
C.23	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 375 mm (Clay) Sewer		each	1		
C.24	Abandoning Existing Catch Basins	CW 2130-R12	each	2		
C.25	Installation of Subdrains	CW 3120-R4	m	24		
ADJUSTMENTS						
C.26	Lifter Rings	CW 3210-R7				
i)	51 mm		each	3		
LANDSCAPING						
C.27	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m ²	40		
C	<u>Carruthers Avenue from Powers Street to Salter Street-Concrete Reconstruction</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<u>Powers Street from Burrows Avenue to Redwood Avenue-Asphalt Reconstruction</u>					
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R19	m ³	915		
D.2	Sub-Grade Compaction	CW 3110-R19	m ²	2440		
D.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1850		
D.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	200		
D.5	Grading of Boulevards	CW 3110-R19	m ²	1870		
D.6	Separation Geotextile Fabric	CW 3130-R4	m ²	2440		
D.7	Supply and Install Geogrid	CW 3135-R1	m ²	2440		
	ROADWORKS - RENEWALS/REMOVALS					
D.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	2160		
ii)	Asphalt Pavement		m ²	100		
D.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	300		
D.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	10		
b)	5 sq.m. to 20 sq.m.		m ²	10		
c)	Greater than 20 sq.m.		m ²	650		
D.11	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	18		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - NEW CONSTRUCTION					
D.12	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	170		
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	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	56		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement) Slip Form Paving	SD-200	m	280		
iii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement) Slip Form Paving	SD-200 SD-203B	m	45		
iv)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement) Slip Form Paving	SD-200 SD-202B	m	115		
vi)	Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229E	m	55		
vii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	20		
D.14	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	500		
	JOINT AND CRACK SEALING					
D.15	Reflective Crack Maintenance	CW 3250-R7	m	600		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.16	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	5		
ii)	SD-025, 1800 mm deep		each	1		
D.17	Land Drainage Sewer	CW 2130-R12				
i)	300 mm, PVC (0-4m Deep)					
a)	In a Trench, Class B Compacted Sand Bedding, Class 3 Backfill		m	14		
D.18	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Compacted Sand Bedding, Class 3 Backfill		m	36		
D.19	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert m	2		
D.20	Sewer Inspection (following repair)	CW2145-R3				
i)	300 mm, LDS		m	48		
D.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		
D.22	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 300 mm (Conc.) Sewer		each	2		
b)	Connecting to 450 mm (Poly) Sewer		each	2		
c)	Connecting to 600 mm (Conc.) Sewer		each	2		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.23	Removal of Existing Catch Pit	CW 2130-R12	each	6		
D.24	Installation of Subdrains	CW 3120-R4	m	72		
D.25	Watermain and Water Service Insulation	CW 2110-R11, E10	m ²	120		
ADJUSTMENTS						
D.26	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
D.27	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
D.28	Lifter Rings	CW 3210-R7				
i)	51 mm		each	3		
D.29	Adjustment of Valve Boxes	CW 3210-R7	each	5		
D.30	Valve Box Extensions	CW 3210-R7	each	1		
D.31	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
LANDSCAPING						
D.32	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	135		
i)	width > or = 600 mm		m ²	1870		
D	<u>Powers Street from Burrows Avenue to Redwood Avenue-Asphalt Reconstruction</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>Powers Street from Carruthers Avenue to Smithfield Avenue-Asphalt Reconstruction</u>					
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R19	m ³	930		
E.2	Sub-Grade Compaction	CW 3110-R19	m ²	2475		
E.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1900		
E.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	205		
E.5	Grading of Boulevards	CW 3110-R19	m ²	2600		
E.6	Separation Geotextile Fabric	CW 3130-R4	m ²	2475		
E.7	Supply and Install Geogrid	CW 3135-R1	m ²	2475		
	ROADWORKS - RENEWALS/REMOVALS					
E.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	2420		
E.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	185		
E.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Greater than 20 sq.m.		m ²	920		
E.11	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	4		
E.12	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	4		
E.13	Concrete Curb Renewal	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	20		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	55		
E.14	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	50		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.15	Planing of Pavement	CW 3450-R6				
i)	50 - 100 mm Depth (Asphalt)		m ²	275		
	ROADWORKS - NEW CONSTRUCTION					
E.16	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	120		
E.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	56		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement) Slip Form Paving	SD-200	m	265		
iii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement) Slip Form paving	SD-200 SD-203B	m	70		
iv)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement) Slip Form Paving	SD-200 SD-202B	m	60		
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	55		
vi)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	10		
E.18	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	500		
	JOINT AND CRACK SEALING					
E.19	Reflective Crack Maintenance	CW 3250-R7	m	600		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
E.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	8		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.21	Land Drainage Sewer	CW 2130-R12				
i)	300 mm, PVC (0-4m Deep)					
a)	In a Trench, Class B Compacted Sand Bedding, Class 3 Backfill		m	10		
E.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Compacted Sand Bedding, Class 3 Backfill		m	50		
E.23	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert m	2		
E.24	Sewer Inspection (following repair)	CW2145-R3				
i)	300 mm, LDS		m	25		
E.25	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		
E.26	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 300 mm (Conc.) Sewer		each	4		
b)	Connecting to 450 mm (Conc.) Sewer		each	2		
c)	Connecting to 600 mm (Conc.) Sewer		each	2		
E.27	Abandoning Existing Catch Pit	CW 2130-R12	each	8		
E.28	Installation of Subdrains	CW 3120-R4	m	96		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ADJUSTMENTS						
E.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	3		
E.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	2		
E.32	Lifter Rings	CW 3210-R7				
E.33	51 mm		each	3		
E.34	Adjustment of Valve Boxes	CW 3210-R7	each	5		
E.35	Valve Box Extensions	CW 3210-R7	each	1		
E.36	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
LANDSCAPING						
E.37	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	150		
i)	width > or = 600 mm		m ²	2600		
E	<u>Powers Street from Carruthers Avenue to Smithfield Avenue-Asphalt Reconstruction</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	<u>Aikins Street from Atlantic Avenue to Carruthers Avenue-Asphalt Reconstruction</u>					
	EARTH AND BASE WORKS					
F.1	Excavation	CW 3110-R19	m ³	1180		
F.2	Sub-Grade Compaction	CW 3110-R19	m ²	3145		
F.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	2500		
F.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	260		
F.5	Grading of Boulevards	CW 3110-R19	m ²	2000		
F.6	Separation Geotextile Fabric	CW 3130-R4	m ²	3145		
F.7	Supply and Install Geogrid	CW 3135-R1	m ²	3145		
	ROADWORKS - RENEWALS/REMOVALS					
F.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	2725		
ii)	Asphalt Pavement		m ²	225		
F.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	370		
F.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m ²	35		
b)	Greater than 20 sq.m.		m ²	885		
F.11	Concrete Curb Renewal	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	20		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	55		
F.12	Detectable Warning Surface Tiles	CW 3326-R3	each	12		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORKS - NEW CONSTRUCTION						
F.13	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	160		
ii)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	355		
F.14	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	98		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement) Slip Form Paving	SD-200	m	415		
iii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement) Slip Form Paving	SD-200 SD-203B	m	60		
iv)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement) Slip Form Paving	SD-200 SD-202B	m	125		
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	60		
vi)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	15		
vii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	40		
F.15	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	700		
JOINT AND CRACK SEALING						
F.16	Reflective Crack Maintenance	CW 3250-R7	m	800		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
F.17	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	10		
F.18	Manhole	CW 2130-R12				
i)	SD-010, (1200 Diameter Base)		vert. m	6		
F.19	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Compacted Sand Bedding, Class 3 Backfill		m	50		
F.20	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert m	8		
F.21	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	300 mm					
a)	Class 3 Backfill		each	1		
F.22	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	300 mm					
a)	Class 3 Backfill		m	7		
F.23	Sewer Inspection (following repair)	CW2145-R3				
i)	300 mm, LDS		m	40		
F.24	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	3		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	3		
F.25	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 300 mm (Conc.) Sewer		each	10		
F.26	Abandoning Existing Catch Basins	CW 2130-R12	each	10		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.27	Removal of Existing Catch Pit	CW 2130-R12	each	10		
F.28	Installation of Subdrains	CW 3120-R4	m	120		
F.29	Watermain and Water Service Insulation	CW 2110-R11, E10	m ²	75		
ADJUSTMENTS						
F.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	3		
F.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
F.32	Lifter Rings	CW 3210-R7				
i)	51 mm		each	3		
F.33	Adjustment of Valve Boxes	CW 3210-R7	each	5		
F.34	Valve Box Extensions	CW 3210-R7	each	1		
F.35	Adjustment of Curb Stop Boxes	CW 3210-R7	each	5		
LANDSCAPING						
F.36	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	150		
i)	width > or = 600 mm		m ²	2000		
F	<u>Aikins Street from Atlantic Avenue to Carruthers Avenue-Asphalt Reconstruction</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
A	<u>Carruthers Avenue from Arlington Street to Parr Street-Concrete Reconstruction</u>				Subtotal:	
B	<u>Carruthers Avenue from Mckenzie Street to Mcgregor Street-Concrete Reconstruction</u>				Subtotal:	
C	<u>Carruthers Avenue from Powers Street to Salter Street-Concrete Reconstruction</u>				Subtotal:	
D	<u>Powers Street from Burrows Avenue to Redwood Avenue-Asphalt Reconstruction</u>				Subtotal:	
E	<u>Powers Street from Carruthers Avenue to Smithfield Avenue-Asphalt Reconstruction</u>				Subtotal:	
F	<u>Aikins Street from Atlantic Avenue to Carruthers Avenue-Asphalt Reconstruction</u>				Subtotal:	
TOTAL BID PRICE (GST extra) (in figures) _____						

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2)
(See B12)

BID BOND

KNOW ALL MEN BY THESE PRESENTS THAT

_____ (hereinafter called the "Principal") and

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

WHEREAS the Principal has submitted a Bid to the Obligee for

BID OPPORTUNITY NO. 64-2016

2016 LOCAL STREET RENEWAL PROGRAM: AIKINS 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. 64-2016

2016 LOCAL STREET RENEWAL PROGRAM: AIKINS 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. 64-2016

2016 LOCAL STREET RENEWAL PROGRAM: AIKINS 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 13, 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)