

FORM A: BID
(See B9)

1. Contract Title 2017 Local Street Renewal Program – Aikins Street, Hartford Avenue 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

The Bidder is:

(Choose one)

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

(Choose one)

In accordance with B13.1, the Bidder encloses bid security in the form of:

- 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 B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 1 CITY FUNDED WORK						
A	<u>SINCLAIR STREET - JARVIS AVENUE TO SELKIRK AVENUE, REHABILITATION</u>					
	EARTH AND BASE WORKS					
A.1	Supplying and Placing Base Course Material	CW 3110-R19	m ³	30		
A.2	Grading of Boulevards	CW 3110-R19	m ²	1200		
A.3	Boulevard Excavation	CW 3110-R19	m ³	50		
	ROADWORKS - RENEWALS					
A.4	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m ²	240		
ii)	150 mm Concrete Pavement (Reinforced)		m ²	70		
A.5	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m ²	10		
ii)	200 mm Concrete Pavement (Type B)		m ²	150		
iii)	200 mm Concrete Pavement (Type C)		m ²	30		
iv)	200 mm Concrete Pavement (Type D)		m ²	30		
A.6	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	250		
A.7	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	400		
A.8	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	220		
c)	Greater than 20 sq.m.		m ²	350		
A.9	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Integral		m	180		

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.10	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	180		
A.11	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	6		
b)	3 m to 30 m		m	80		
c)	Greater than 30 m		m	200		
ii)	Barrier (100 mm reveal ht, Dowelled) Slip Form Paving	SD-205, SD-206A				
a)	Greater than 30 m		m	200		
iii)	Curb and Gutter (100 mm reveal ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200				
a)	3 m to 30 m		m	60		
b)	Greater than 30 m		m	100		
iv)	Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	30		
v)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	85		
A.12	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	780		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	105		
A.13	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	275		
A.14	Pavement Repair Fabric	E10	m ²	2800		
A.15	Detectable Warning Surface Tiles	CW 3326-R3	each	19		
ROADWORKS - NEW CONSTRUCTION						
A.16	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m ²	160		

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	JOINT AND CRACK SEALING					
A.17	Reflective Crack Maintenance	CW 3250-R7	m	300		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.18	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	3		
A.19	Catch Pit	CW 2130-R12				
i)	SD-023		each	4		
A.20	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 3 Backfill		m	15		
A.21	Drainage Connection Pipe	CW 2130-R12	m	15		
A.22	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		
A.23	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1		
A.24	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	4		
A.25	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 300 mm (Concrete) Sewer		each	3		
ii)	300 mm (PVC) Connecting Pipe					
a)	Connecting to 300 mm (Concrete) Sewer		each	1		
A.26	Removal of Existing Catch Basins	CW 2130-R12	each	3		
A.27	Abandoning Existing Drainage Inlets	CW 2130-R12	each	7		

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
A.28	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	3		
A.29	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	2		
ii)	64 mm		each	2		
A.30	Adjustment of Valve Boxes	CW 3210-R8	each	2		
A.31	Valve Box Extensions	CW 3210-R8	each	1		
A.32	Adjustment of Curb Stop Boxes	CW 3210-R8	each	2		
A.33	Curb Stop Extensions	CW 3210-R8	each	1		
A.34	Adjustment of Curb and Gutter Frames	CW 3210-R8	each	1		
	LANDSCAPING					
A.35	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	400		
ii)	width > or = 600 mm		m ²	800		
A	<u>SINCLAIR STREET - JARVIS AVENUE TO SELKIRK AVENUE,</u> <u>REHABILITATION</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>TANOAK PARK DRIVE - HILLHOUSE ROAD TO HILLHOUSE ROAD, REHABILITATION</u>					
	EARTH AND BASE WORKS					
B.1	Supplying and Placing Base Course Material	CW 3110-R19	m ³	25		
B.2	Grading of Boulevards	CW 3110-R19	m ²	1600		
	ROADWORKS - RENEWALS					
B.3	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	220		
B.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m ²	10		
ii)	150 mm Concrete Pavement (Type B)		m ²	50		
iii)	150 mm Concrete Pavement (Type C)		m ²	20		
iv)	150 mm Concrete Pavement (Type D)		m ²	20		
B.5	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	200		
B.6	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	250		
B.7	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	700		
ii)	150 mm Reinforced Sidewalk		m ²	130		
B.8	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m ²	700		
ii)	150 mm Reinforced Sidewalk		m ²	130		
B.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	5		
b)	5 sq.m. to 20 sq.m.		m ²	30		
c)	Greater than 20 sq.m.		m ²	225		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.10	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Integral		m	30		
ii)	Lip Curb	SD-202C	m	700		
B.11	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	600		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	50		
iii)	Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	80		
B.12	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	5		
b)	3 m to 30 m		m	10		
ii)	Modified Lip Curb (75 mm reveal ht, Dowelled)	SD-202C	m	50		
iii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	27		
B.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	70		
B.14	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	760		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	30		
B.15	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	420		
B.16	Pavement Repair Fabric	E10	m ²	1100		
	JOINT AND CRACK SEALING					
B.17	Reflective Crack Maintenance	CW 3250-R7	m	450		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.18	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023		each	2		

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.19	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	6		
iv)	AP-012 - Barrier Curb and Gutter Cover		each	6		
	ADJUSTMENTS					
B.20	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	2		
B.21	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	76 mm		each	1		
B.22	Adjustment of Curb Stop Boxes	CW 3210-R8	each	5		
B.23	Curb Stop Extensions	CW 3210-R8	each	2		
	LANDSCAPING					
B.24	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	400		
ii)	width > or = 600 mm		m ²	1200		
	MISCELLANEOUS					
B.25	Adjustment of Sprinkler Head and/or Drainage Pipe	E12	each	2		
B.26	Replacement of Existing Sprinkler Pipe	E12	m	5		
B	<u>TANOAK PARK DRIVE - HILLHOUSE ROAD TO HILLHOUSE ROAD,</u> <u>REHABILITATION</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>AIKINS STREET - CARRUTHERS AVENUE TO McADAMS AVENUE, RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R19	m ³	750		
C.2	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	490		
ii)	100 mm - Limestone		tonne	960		
C.3	Supplying and Placing Base Course Material	CW 3110-R19	m ³	140		
C.4	Grading of Boulevards	CW 3110-R19	m ²	750		
C.5	Separation Geotextile Fabric	CW 3130-R4	m ²	1350		
C.6	Supply and Install Geogrid	CW 3135-R1	m ²	675		
	ROADWORKS - RENEWALS					
C.7	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	30		
C.8	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m ²	5		
C.9	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	1250		
C.10	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	50		
C.11	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	10		
C.12	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m ²	15		
C.13	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	80		

 Name of Bidder

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
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	5		
b)	3 m to 30 m		m	10		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	7		
ROADWORKS - NEW CONSTRUCTION						
C.15	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	75		
C.16	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	25		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	30		
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	340		
iv)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	50		
v)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	30		
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	27		
vii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	10		
C.17	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	285		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	15		
JOINT AND CRACK SEALING						
C.18	Reflective Crack Maintenance	CW 3250-R7	m	170		

 Name of Bidder

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
C.19	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	4		
C.20	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 3 Backfill		m	18		
C.21	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		
C.22	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 375 mm (Clay) Sewer		each	4		
C.23	Removal of Existing Catch Basins	CW 2130-R12	each	4		
C.24	Abandoning Existing Drainage Inlets	CW 2130-R12	each	4		
C.25	Installation of Subdrains	CW 3120-R4	m	48		
ADJUSTMENTS						
C.26	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	2		
C.27	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	2		
C.28	Adjustment of Curb Stop Boxes	CW 3210-R8	each	1		
C.29	Curb Stop Extensions	CW 3210-R8	each	1		
LANDSCAPING						
C.30	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	250		
ii)	width > or = 600 mm		m ²	500		

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.31	MISCELLANEOUS Hydro Excavation	E14	hr	8		
C	<u>AIKINS STREET - CARRUTHERS AVENUE TO McADAMS AVENUE,</u> <u>RECONSTRUCTION</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<u>AIKINS STREET - REDWOOD AVENUE TO MOUNTAIN AVENUE, RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R19	m ³	1400		
D.2	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	940		
ii)	100 mm - Limestone		tonne	1880		
D.3	Supplying and Placing Base Course Material	CW 3110-R19	m ³	285		
D.4	Grading of Boulevards	CW 3110-R19	m ²	1800		
D.5	Separation Geotextile Fabric	CW 3130-R4	m ²	2650		
D.6	Supply and Install Geogrid	CW 3135-R1	m ²	2650		
	ROADWORKS - RENEWALS					
D.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	2500		
D.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	100		
D.9	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	740		
D.10	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m ²	740		
ii)	150 mm Reinforced Sidewalk		m ²	10		
D.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	40		

 Name of Bidder

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.12	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	5		
b)	3 m to 30 m		m	10		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	20		
D.13	Detectable Warning Surface Tiles	CW 3326-R3	each	12		
D.14	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	80		
ROADWORKS - NEW CONSTRUCTION						
D.15	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	250		
D.16	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	80		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	40		
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	260		
iv)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	150		
v)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	110		
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	73		
vii)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	10		
viii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	34		
D.17	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	505		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	110		
	JOINT AND CRACK SEALING					
D.18	Reflective Crack Maintenance	CW 3250-R7	m	550		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.19	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	6		
D.20	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 3 Backfill		m	25		
D.21	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		
D.22	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 600 mm (Brick) Sewer		each	4		
b)	Connecting to 750 mm (Brick) Sewer		each	2		
D.23	Removal of Existing Catch Basins	CW 2130-R12	each	6		
D.24	Abandoning Existing Drainage Inlets	CW 2130-R12	each	6		
D.25	Installation of Subdrains	CW 3120-R4	m	72		
	ADJUSTMENTS					
D.26	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	3		
D.27	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	2		
D.28	Adjustment of Valve Boxes	CW 3210-R8	each	3		
D.29	Valve Box Extensions	CW 3210-R8	each	2		

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.30	Adjustment of Curb Stop Boxes	CW 3210-R8	each	4		
D.31	Curb Stop Extensions	CW 3210-R8	each	2		
LANDSCAPING						
D.32	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	400		
ii)	width > or = 600 mm		m ²	1400		
MISCELLANEOUS						
D.33	Hydro Excavation	E14	hr	16		
D	<u>AIKINS STREET - REDWOOD AVENUE TO MOUNTAIN AVENUE, RECONSTRUCTION</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>HARTFORD AVENUE - CPR WINNIPEG BEACH TO McGREGOR STREET, RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R19	m ³	2000		
E.2	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1170		
ii)	100 mm - Limestone		tonne	2340		
E.3	Supplying and Placing Base Course Material	CW 3110-R19	m ³	335		
E.4	Grading of Boulevards	CW 3110-R19	m ²	2400		
E.5	Separation Geotextile Fabric	CW 3130-R4	m ²	3300		
E.6	Supply and Install Geogrid	CW 3135-R1	m ²	1650		
	ROADWORKS - RENEWALS					
E.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	2900		
E.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	100		
E.9	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	300		
E.10	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m ²	300		
E.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	20		
b)	5 sq.m. to 20 sq.m.		m ²	60		
c)	Greater than 20 sq.m.		m ²	120		
E.12	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	30		
E.13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	15		

 Name of Bidder

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.14	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	10		
b)	3 m to 30 m		m	20		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	14		
E.15	Detectable Warning Surface Tiles	CW 3326-R3	each	18		
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	30		
E.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	15		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	30		
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	600		
iv)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	60		
v)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	15		
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	46		

FORM B: PRICES
 (SEE B10)

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	14		
E.18	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	620		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	70		
JOINT AND CRACK SEALING						
E.19	Reflective Crack Maintenance	CW 3250-R7	m	550		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
E.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	6		
E.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 3 Backfill		m	30		
E.22	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		
E.23	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 300 mm (Concrete) Sewer		each	4		
b)	Connecting to 375 mm (Concrete) Sewer		each	2		
E.24	Removal of Existing Catch Basins	CW 2130-R12	each	8		
E.25	Abandoning Existing Drainage Inlets	CW 2130-R12	each	8		
E.26	Installation of Subdrains	CW 3120-R4	m	72		

 Name of Bidder

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
E.27	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	3		
E.28	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	3		
E.29	Adjustment of Valve Boxes	CW 3210-R8	each	2		
E.30	Valve Box Extensions	CW 3210-R8	each	1		
E.31	Adjustment of Curb Stop Boxes	CW 3210-R8	each	8		
E.32	Curb Stop Extensions	CW 3210-R8	each	4		
	LANDSCAPING					
E.33	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	400		
ii)	width > or = 600 mm		m ²	2000		
	MISCELLANEOUS					
E.34	Hydro Excavation	E14	hr	16		
E	<u>HARTFORD AVENUE - CPR WINNIPEG BEACH TO McGREGOR STREET, RECONSTRUCTION</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	<u>WATER AND WASTE WORK</u>					
	SINCLAIR STREET - JARVIS AVENUE TO SELKIRK AVENUE, REHABILITATION					
F.1	New Manhole on Existing Sewer	CW 2130-R12				
	i) SD-010, 2000 mm deep					
	a) 1200mm width		v.m	4		
F.2	Connecting to Existing Sewer	CW 2130-R12				
	i) 300 mm (PVC) Connecting Pipe					
	a) Connecting to 300 mm (Concrete) Sewer		each	3		
	AIKINS STREET - CARRUTHERS AVENUE TO McADAMS AVENUE, RECONSTRUCTION					
F.3	Watermain and Water Service Insulation	E13				
	i) Pipe Under Roadway Excavation (SD-018)		m ²	75		
	AIKINS STREET - REDWOOD AVENUE TO MOUNTAIN AVENUE, RECONSTRUCTION					
F.4	Watermain and Water Service Insulation	E13				
	i) Pipe Under Roadway Excavation (SD-018)		m ²	210		
	HARTFORD AVENUE - CPR WINNIPEG BEACH TO McGREGOR STREET, RECONSTRUCTION					
F.5	Watermain and Water Service Insulation	E13				
	i) Pipe Under Roadway Excavation (SD-018)		m ²	400		
	SINCLAIR STREET (MA00014189)					
F.6	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
	i) 300 mm					
	a) Class 3 Backfill		each	1		
F.7	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
	i) 300 mm					
	a) Class 3 Backfill		m	3		
F.8	Sewer Inspection (following repair)	CW2145-R3				
	i) 300 mm, Concrete		m	40		

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
HARTFORD AVENUE (MA00008751)						
F.9	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	375mm					
a)	Class 3 Backfill		each	1		
F.10	Sewer Inspection (following repair)	CW2145-R3				
i)	375 mm, Concrete		m	250		
AIKINS STREET (MA00009551)						
F.11	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	375mm					
a)	Class 3 Backfill		each	1		
F.12	Sewer Inspection (following repair)	CW2145-R3				
i)	375 mm, Clay		m	100		
F	<u>WATER AND WASTE WORK</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2 MANITOBA HYDRO FUNDED WORK						
(See B10.5, B17.2.1, B18.4, D2, D14.2-4)						
G	<u>HARTFORD AVENUE - CPR WINNIPEG BEACH TO McGREGOR STREET, STREET LIGHTING</u>					
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	E15	each	7		
G.2	Installation of 50mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex)	E15	m	315		
G.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appertenances	E15	each	7		
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	E15	each	1		
G.5	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10	E15	each	7		
G.6	Installation of overhead span of #4 duplex between new or existing street light poles and connect luminaire to provide temporary	E15	per span	7		
G.7	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed	E15	per span	7		
G.8	Install / lower 3m of Cable Guard, ground lug, cable up pole, and first 3m section of ground rod per Standard CD 315-5	E15	each	1		
G.9	Installation of break-away base and reaction place on base mounted poles up to 35'	E15	each	7		
G	<u>HARTFORD AVENUE - CPR WINNIPEG BEACH TO McGREGOR STREET, STREET LIGHTING</u>				Subtotal:	

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H	<u>TANOAK PARK DRIVE - HILLHOUSE ROAD TO HILLHOUSE ROAD, STREET LIGHTING</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	E15	each	10		
H.2	Installation of 50mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex)	E15	m	634		
H.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appertenances	E15	each	10		
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	E15	each	3		
H.5	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10	E15	each	9		
H.6	Installation of overhead span of #4 duplex between new or existing street light poles and connect luminaire to provide temporary	E15	per span	11		
H.7	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed	E15	per span	11		
H.8	Expose underground cable entrance of existing streetlight pole and install new	E15	each	2		
H	<u>TANOAK PARK DRIVE - HILLHOUSE ROAD TO HILLHOUSE ROAD, STREET LIGHTING</u>				Subtotal:	

FORM B: PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
PART 1 CITY FUNDED WORK						
A	<u>SINCLAIR STREET - JARVIS AVENUE TO SELKIRK AVENUE, REHABILITATION</u>				Subtotal:	
B	<u>TANOAK PARK DRIVE - HILLHOUSE ROAD TO HILLHOUSE ROAD, REHABILITATION</u>				Subtotal:	
C	<u>AIKINS STREET - CARRUTHERS AVENUE TO McADAMS AVENUE, RECONSTRUCTION</u>				Subtotal:	
D	<u>AIKINS STREET - REDWOOD AVENUE TO MOUNTAIN AVENUE, RECONSTRUCTION</u>				Subtotal:	
E	<u>HARTFORD AVENUE - CPR WINNIPEG BEACH TO McGREGOR STREET, RECONSTRUCTION</u>				Subtotal:	
F	<u>WATER AND WASTE WORK</u>				Subtotal:	
(total price) PART 1						
PART 2 MANITOBA HYDRO FUNDED WORK (See B10.5, B17.2.1, B18.4, D2, D14.2-4)						
G	<u>HARTFORD AVENUE - CPR WINNIPEG BEACH TO McGREGOR STREET, STREET LIGHTING</u>				Subtotal:	
H	<u>TANOAK PARK DRIVE - HILLHOUSE ROAD TO HILLHOUSE ROAD, STREET LIGHTING</u>				Subtotal:	
(total price) PART 2						
TOTAL BID PRICE (GST extra)			(in figures)		_____	

 Name of Bidder

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2)
(See B13)

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. 364-2017

2017 Local Street Renewal Program – Aikins Street, Hartford Avenue 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 B13)

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. 364-2017

2017 Local Street Renewal Program – Aikins Street, Hartford Avenue 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 B13)**

(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. 364-2017

2017 Local Street Renewal Program – Aikins Street, Hartford Avenue 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 B13)

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 31, 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)