## FORM A: BID (See B8)

1.	Contract Title	2015 LOCAL STREET RENEWAL PROGRAM: ATHLONE DRIVE, BUCHANAN BOULEVARD (NORTHBOUND) 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
	(Mailing address if different)	Email Address of Bidder
		Facsimile Number
		Street or P.O. Box
	(Choose one)	City Province Postal Code
		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)

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(Print here name and official capacity of individual whose signature appears above)

UNIT PRI	CES	(SEE B9)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART	1 - CITY FUNDED WORK				Letter I	
Α	<u>REHABILITATION - ATHLONE DRIVE FROM</u> <u>STREET</u>	M PRAIRIE VIEV	V ROAD	TO RONALD		
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R19	m³	400		
A.2	Supplying and Placing Base Course Material	CW 3110-R19	m³	400		
A.3	Grading of Boulevards	CW 3110-R19	m²	5000		
	ROADWORKS - RENEWALS					
A.4	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	2500		
ii)	Asphalt Pavement		m²	50		
A.5	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	400		
A.6	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	15		
ii)	150 mm Concrete Pavement (Type B)		m²	150		
iii)	150 mm Concrete Pavement (Type C)		m²	10		
iv)	150 mm Concrete Pavement (Type D)		m²	80		
A.7	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Plain- Dowelled)		M2	400		
A.8	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type B)		m²	150		

UNIT PRIC		-	1	1	•	
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - RENEWALS (Cont'd)					
4.9	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	810		
A.10	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	1200		
A.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	100		
b)	5 sq.m. to 20 sq.m.		m²	280		
c)	Greater than 20 sq.m.		m²	450		
A.12	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	10		
A.13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	10		
A.14	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	10		
A.15	Concrete Curb Removal	CW 3240-R10				
i)	Mountable Curb		m	1100		
A.16	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	1100		
ii)	Barrier (100 mm reveal ht, Separate)	SD-203A	m	450		
iii)	Modified Barrier (100 mm reveal ht, Dowelled)	SD-203B	m	65		
iv)	Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	200		
A.17	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	10		

	CES	(SEE B9)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - RENEWALS (Cont'd)					
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	85		
iii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	130		
A.18	Regrading Existing Interlocking Paving Stones	CW 3330-R5	M2	50		
A.19	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Туре ІА		tonne	1830		
ii)	Tie-ins and Approaches					
a)	Туре ІА		tonne	200		
A.20	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m²	460		
A.21	Pavement Repair Fabric	E9	M²	450		
	ROADWORK - NEW CONSTRUCTION					
A.22	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R16				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	1250		
A.23	Concrete Pavements for Early Opening	CW 3310-R16				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m²	1250		
4.24	Interlocking Paving Stones	CW 3335-R1	m²	30		
	JOINT AND CRACK SEALING					
۹.25	Reflective Crack Maintenance	CW 3250-R7	m	2500		

JNIT PRIC	CES	(SEE B9)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
4.26	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2		
A.27	Catch Pit	CW 2130-R12				
i)	SD-023		each	5		
4.28	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type Sand Bedding, Class 2 Backfill		m	10		
4.29	Drainage Connection Pipe	CW 2130-R12	m	15		
A.30	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	14		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	14		
A.31	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	4		
4.32	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	3		
4.33	Abandoning Existing Catch Basins	CW 2130-R12	each	4		
4.34	Abandoning Existing Catch Pit	CW 2130-R12	each	7		
4.35	Catch Basin Cleaning	CW 2140-R3	each	9		
	ADJUSTMENTS					
4.36	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	18		

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UNIT PRI ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS (Cont'd)			QUANTIT		
A.37	Lifter Rings	CW 3210-R7				
i)	51 mm		each	10		
ii)	76 mm		each	6		
A.38	Adjustment of Valve Boxes	CW 3210-R7	each	10		
A.39	Valve Box Extensions	CW 3210-R7	each	4		
A.40	Adjustment of Curb Stop Boxes	CW 3210-R7	each	10		
A.41	Curb Stop Extensions	CW 3210-R7	each	5		
	LANDSCAPING					
A.42	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	300		
ii)	width > or = 600 mm		m²	4700		
Α	REHABILITATION - ATHLONE DRIVE FRO	M PRAIRIE VIEV	V ROAD	TO RONALD		
A	<u>STREET</u>				Subtotal:	

	CES	(SEE B9)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
В	REHABILITATION - DOHANEY CRESCENT ACHESON DRIVE (NORTH LEG)	FROM HAMILT	ON AVE	ENUE TO		
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R19	m³	100		
B.2	Supplying and Placing Base Course Material	CW 3110-R19	m³	100		
B.3	Grading of Boulevards	CW 3110-R19	m²	700		
	ROADWORKS - RENEWALS					
B.4	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	200		
B.5	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type B)		m²	200		
ii)	150 mm Concrete Pavement (Type D)		m²	50		
B.6	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	200		
B.7	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type B)		m²	200		
ii)	150 mm Concrete Pavement (Type D)		m²	50		
B.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	710		
B.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	710		
B.10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	5		
B.11	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	5		

UNIT PRI						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - RENEWALS (Cont'd)					
3.12	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	5		
3.13	Concrete Curb Removal	CW 3240-R10				
i)	Barrier 150		m	80		
ii)	Mountable Curb		m	355		
3.14	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	420		
ii)	Modified Barrier (100 mm reveal ht, Dowelled)	SD-203B	m	100		
iii)	Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	50		
3.15	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	5		
3.16	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	25		
3.17	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Туре ІА		tonne	590		
ii)	Tie-ins and Approaches					
a)	Туре ІА		tonne	110		
B.18	Pavement Repair Fabric	E9	m²	300		
	JOINT AND CRACK SEALING					
3.19	Reflective Crack Maintenance	CW 3250-R7	m	800		

	CES	(SEE B9)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
3.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	12		
B.21	Catch Pit	CW 2130-R12				
i)	SD-023		each	5		
B.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type Sand Bedding, Class 2 Backfill		m	15		
B.23	Drainage Connection Pipe	CW 2130-R12	m	10		
B.24	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		
B.25	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		
B.26	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	4		
B.27	Abandoning Existing Catch Basins	CW 2130-R12	each	2		
B.28	Abandoning Existing Catch Pit	CW 2130-R12	each	5		
3.29	Catch Basin Cleaning	CW 2140-R3	each	6		
<b>-</b>	ADJUSTMENTS	00/00/00				
B.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	4		
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UNIT PRI						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS (Cont'd)					
B.31	Adjustment of Valve Boxes	CW 3210-R7	each	2		
B.32	Valve Box Extensions	CW 3210-R7	each	1		
B.33	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
B.34	Curb Stop Extensions	CW 3210-R7	each	1		
	LANDSCAPING					
B.35	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	200		
ii)	width > or = 600 mm		m²	500		
В	REHABILITATION - DOHANEY CRESCENT ACHESON DRIVE (NORTH LEG)	FROM HAMIL1	ON AVE	ENUE TO	Subtotal:	

ITEM	CES DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
С	RECONSTRUCTION - BUCHANAN BOULE PORTAGE AVENUE TO LIVINIA AVENUE	/ARD (NORTHB	OUND)	FROM		
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R19	m³	2000		
C.2	Sub-Grade Compaction	CW 3110-R19	m²	3100		
C.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	2800		
C.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	250		
C.5	Grading of Boulevards	CW 3110-R19	m²	2100		
C.6	Separation Geotextile Fabric	CW 3130-R4	m²	3100		
	ROADWORKS - RENEWALS					
C.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	2700		
ii)	Asphalt Pavement		m²	40		
C.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	120		
C.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	70		
C.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	90		
b)	5 sq.m. to 20 sq.m.		m²	130		
C)	Greater than 20 sq.m.		m²	60		
	ROADWORKS - RENEWALS (Cont'd)					

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.11	Detectable Warning Surface Tiles	CW 3326-R2	each	10		
	ROADWORKS - NEW CONSTRUCTION					
C.12	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R16				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m²	1190		
ii)	Construction of 150 mm Concrete Pavement (Reinforced)		M2	320		
C.13	Concrete Pavements for Early Opening	CW 3310-R16				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		M2	1190		
C.14	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R16				
i)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	500		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	20		
iii)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	90		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	50		
C.15	Interlocking Paving Stones	CW 3330-R5	m²	50		
C.16	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Tie-ins and Approaches					
a)	Туре ІА		tonne	50		
	JOINT AND CRACK SEALING					
C.17	Reflective Crack Maintenance	CW 3250-R7	m	60		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
C.18	Catch Basin	CW 2130-R12				

ITEM	CES DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
i)	SD-024, 1800 mm deep		each	3		
C.19	Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
C.20	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type Sand Bedding, Class 2 Backfill		m	4		
C.21	Drainage Connection Pipe	CW 2130-R12	m	11		
C.22	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		
C.23	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1		
C.24	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 900 mm (Type Concrete) Sewer		each	2		
C.25	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1		
C.26	Removal of Existing Catch Basins	CW 2130-R12	each	2		
C.27	Removal of Existing Catch Pit	CW 2130-R12	each	2		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd)					
C.28	Installation of Subdrains	CW 3120-R4	m	24		

UNIT PRI	CES	(SEE B9)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
C.29	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	9		
C.30	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
C.31	Lifter Rings	CW 3210-R7				
i)	51 mm		each	6		
C.32	Adjustment of Valve Boxes	CW 3210-R7	each	2		
C.33	Valve Box Extensions	CW 3210-R7	each	1		
C.34	Adjustment of Curb Stop Boxes	CW 3210-R7	each	3		
C.35	Curb Stop Extensions	CW 3210-R7	each	2		
	LANDSCAPING					
C.36	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	300		
ii)	width > or = 600 mm		m²	1800		
С	RECONSTRUCTION - BUCHANAN BOULE PORTAGE AVENUE TO LIVINIA AVENUE	VARD (NORTHE	BOUND)	FROM_	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	REHABILITATION - THOMPSON DRIVE FR	•	VENUE			
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R19	m³	75		
D.2	Supplying and Placing Base Course Material	CW 3110-R19	m³	75		
D.3	Grading of Boulevards	CW 3110-R19	m²	1000		
	ROADWORKS - RENEWALS					
D.4	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	250		
D.5	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	80		
D.6	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type B)		m²	100		
D.7	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	80		
D.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	150		
D.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	250		
D.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
b)	5 sq.m. to 20 sq.m.		m²	20		
D.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	5		
	ROADWORKS - RENEWALS (Cont'd)		<u> </u>			

ITEM	1	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
<b>-</b> 46			REF.		QUANTITY		
D.12		Supply of Precast Sidewalk Blocks	CW 3235-R9	M2	5		
D.13		Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	5		
D.14		Concrete Curb Removal	CW 3240-R10				
i)		Mountable Curb		m	320		
D.15		Concrete Curb Installation	CW 3240-R10				
i)		Barrier (100 mm reveal ht, Dowelled)	SD-205	m	350		
ii)		Modified Barrier (100 mm reveal ht, Dowelled)	SD-203B	m	25		
iii)		Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	15		
D.16		Concrete Curb Renewal	CW 3240-R10				
i)		Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
	a)	Less than 3 m		m	15		
ii)		Modified Barrier (100 mm reveal ht, Dowelled)	SD-203B	m	20		
iii)		Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	10		
iv)		Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	30		
D.17		Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)		Main Line Paving					
	a)	Туре ІА		tonne	460		
ii)		Tie-ins and Approaches					
	a)	Туре ІА		tonne	70		
D.18		Planing of Pavement	CW 3450-R5				
i)		0 - 50 mm Depth (Asphalt)		M²	1400		
		ROADWORKS - RENEWALS (Cont'd)					
ii)		50 - 100 mm Depth (Asphalt)		m²	500		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.19	Pavement Repair Fabric	E9	m²	300		
D.20	Detectable Warning Surface Tiles	CW 3326-R2	each	2		
	ROADWORKS - NEW CONSTRUCTION					
D.21	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R16				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	125		
ii)	Construction of 150 mm Concrete Pavement for Early Opening 72 hour (Reinforced)		m²	125		
D.22	Interlocking Paving Stones	CW 3335-R1	m²	40		
	JOINT AND CRACK SEALING					
D.23	Reflective Crack Maintenance	CW 3250-R7	m	700		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.24	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	1		
D.25	Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
D.26	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
а	) In a Trench, Class B Type Sand Bedding, Class 2 Backfill		m	10		
D.27	Drainage Connection Pipe	CW 2130-R12	m	15		

UNIT PRI		<b>a</b>				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.28	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd) Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	4		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	4		
D.29	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1		
D.30	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	1		
D.31	Abandoning Existing Catch Basins	CW 2130-R12	each	1		
D.32	Catch Basin Cleaning	CW 2140-R3	each	3		
	ADJUSTMENTS					
D.33	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	4		
D.34	Lifter Rings	CW 3210-R7				
i)	51 mm		each	2		
ii)	76 mm		each	2		
D.35	Adjustment of Valve Boxes	CW 3210-R7	each	5		
D.36	Valve Box Extensions	CW 3210-R7	each	2		
D.37	Adjustment of Curb Stop Boxes	CW 3210-R7	each	3		
D.38	Curb Stop Extensions	CW 3210-R7	each	1		
D.39	Raising of Existing Hydrant	CW 2110-R11	each	1		

## UNIT PRICES

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	LANDSCAPING					
D.40	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	200		
ii)	width > or = 600 mm		m²	800		
D	REHABILITATION - THOMPSON DRIVE FRO	OM PORTAGE	A VENUE	<u>TO</u>	Subtotal:	

JNIT PRI		(SEE B9)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Е	REHABILITATION - CAVALIER DRIVE - FR	OM HEDGES BA	AY (SOU	TH LEG) TO		
	HILLARY CRESCENT					
	EARTH AND BASE WORKS					
.1	Excavation	CW 3110-R19	m³	50		
.2	Supplying and Placing Base Course Material	CW 3110-R19	M3	50		
.3	Grading of Boulevards	CW 3110-R19	m²	600		
	ROADWORKS - RENEWALS					
.4	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	50		
5.5	Partial Slab Patches	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m²	10		
ii)	200 mm Concrete Pavement (Type B)		M2	120		
iii)	200 mm Concrete Pavement (Type C)		m²	10		
.6	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type B)		m²	120		
.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	320		
.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	390		
5.9	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m²	15		
.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				

JNIT PRIC	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
	DESCRIPTION	REF.	UNIT	QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - RENEWALS (Cont'd)					
a)	Less than 5 sq.m.		m²	50		
b)	5 sq.m. to 20 sq.m.		m²	110		
c)	Greater than 20 sq.m.		m²	160		
∃.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	5		
Ξ.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	5		
Ξ.13	Removal of Precast Sidewalk Blocks	CW 3235-R9	M²	5		
Ξ.14	Concrete Curb Removal	CW 3240-R10				
i)	Barrier 150 mm		m	83		
E.15	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	15		
ii)	Barrier (100 mm reveal ht, Separate)	SD-203A	m	50		
iii)	Modified Barrier (100 mm reveal ht, Dowelled)	SD-203B	m	90		
E.16	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	50		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	65		
∃.17	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Туре ІА		tonne	520		
ii)	Tie-ins and Approaches					
a)	Туре IA		tonne	190		

UNIT PRI						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - RENEWALS (Cont'd)					
E.18	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m²	2200		
ii)	50 - 100 mm Depth (Asphalt)		m²	730		
Ξ.19	Pavement Repair Fabric	E15	m²	300		
	ROADWORKS - NEW CONSTRUCTION					
E.20	100 mm Concrete Sidewalk	CW 3325-R5	m²	80		
	JOINT AND CRACK SEALING					
E.21	Reflective Crack Maintenance	CW 3250-R7	m	800		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
E.22	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2		
E.23	Catch Pit	CW 2130-R12				
i)	SD-023		each	5		
E.24	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a	In a Trench, Class B Type Sand Bedding, Class 2 Backfill		m	30		
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		

UNIT PRI		1				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd)					
5.26	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		
E.27	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	10		
∃.28	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	2		
Ξ.29	Abandoning Existing Catch Basins	CW 2130-R12	each	2		
E.30	Abandoning Existing Catch Pit	CW 2130-R12	each	5		
E.31	Catch Basin Cleaning	CW 2140-R3	each	6		
	ADJUSTMENTS					
5.32	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
Ξ.33	Lifter Rings	CW 3210-R7				
i)	51 mm		each	2		
ii)	76 mm		each	1		
E.34	Adjustment of Valve Boxes	CW 3210-R7	each	2		
Ξ.35	Valve Box Extensions	CW 3210-R7	each	1		
E.36	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
Ξ.37	Curb Stop Extensions	CW 3210-R7	each	1		
	LANDSCAPING					
E.38	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	100		

## UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	LANDSCAPING (Cont'd) width > or = 600 mm		m²	500		
E	<u>REHABILITATION - CAVALIER DRIVE - FROM HEDGES BAY (SOUTH LEG) TO</u> <u>HILLARY CRESCENT</u>				Subtotal:	

JNIT PRIC	CES					
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	SEWER REPAIRS: ATHLONE DRIVE, BUC DRIVE, DOWNING STREET AND PACIFIC A		VARD, C	CAVALIER		
	ATHLONE DRIVE (CL20006362)					
.1	Sewer Inspection	CW 2145-R3				
i)	200 mm LDS					
a)	Post Repair		m	11		
2	Sewer Repair - Up to 3 Metres Long	CW 2130-R12				
i)	200 mm LDS					
a)	Class 3 Backfill		each	1		
	BUCHANAN BOULEVARD (MA20004974)					
.3	Sewer Inspection	CW 2145-R3				
i)	200 mm WWS					
a)	Post Repair		m	107		
.4	Sewer Repair - Up to 3 Metres Long	CW 2130-R12				
i)	200 mm WWS					
a)	Class 3 Backfill		each	1		
.5	Repair Sewer Service Connection					
i)	150 mm WWS		each	1		
	CAVALIER DRIVE (CL20002134)					
.6	Sewer Inspection	CW 2145-R3				
i)	200 mm LDS					
a)	Post Repair		m	26		
.7	Sewer Repair - Up to 3 Metres Long	CW 2130-R12				
i)	200 mm LDS					
a)	Class 3 Backfill		each	1		
F	<u>SEWER REPAIRS: ATHLONE DRIVE, BUC</u> DRIVE, DOWNING STREET AND PACIFIC A		VARD, C	CAVALIER	Subtotal:	

<u>JNIT PRI</u> ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART	2 - MANITOBA HYDRO FUNDED V	VORK				
G	BUCHANAN BOULEVARD FROM LIVINIA A					
	NEW STREET LIGHT INSTALLATION					
G.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances.	E10	each	5		
G.2	Installation of conduit and #4 AL C/N or 1/0 AL Triplex streetlight cable in conduit by open trench method.	E10	lin.m	326		
G.3	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E10	lin.m	23		
G.4	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E10	each	5		
G.5	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.	E10	each	1		
G.6	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.	E10	each	1		
G.7	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E10	each	5		
G.8	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E10	per span	7		
G.9	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E10	per span	7		
G.10	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E10	each	1		
G.11	Installation of break-away base and reaction plate on base mounted poles up to 35'.	E10	each	1		
G	BUCHANAN BOULEVARD FROM LIVINIA AVENUE TO PORTAGE AVENUE			<u> </u>	Subtotal:	

UNIT	PRICES	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	SUMMARY					
'ART 1 -	CITY FUNDED WORK					
Α	REHABILITATION - ATHLONE DRIVE FROM PRAIRIE VIEW ROAD TO RONALD STREET				Subtotal:	
В	REHABILITATION - DOHANEY CRESCENT ACHESON DRIVE (NORTH LEG)	Subtotal:				
С	RECONSTRUCTION - BUCHANAN BOULEV PORTAGE AVENUE TO LIVINIA AVENUE	Subtotal:				
D	REHABILITATION - THOMPSON DRIVE FRO	Subtotal:				
E	REHABILITATION - CAVALIER DRIVE - FROM HEDGES BAY (SOUTH LEG) TO HILLARY CRESCENT				Subtotal:	
F	SEWER REPAIRS: ATHLONE DRIVE, BUCHANAN BOULEVARD, CAVALIER DRIVE, DOWNING STREET AND PACIFIC AVENUE				Subtotal:	
PART 2 -	MANITOBA HYDRO FUNDED WORK				<u>_</u>	
G	BUCHANAN BOULEVARD FROM LIVINIA A	VENUE TO PC	RTAGE A	AVENUE	Subtotal:	
TOTAL BI	ID PRICE (GST extra)		(i	n figures)		

#### FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2) (See B11)

#### **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. 326-2015

2015 LOCAL STREET RENEWAL PROGRAM: ATHLONE DRIVE, BUCHANAN BOULEVARD (NORTHBOUND) 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:	(Name of Principal)	
(Witness as to Principal if no seal)	Per:	
	(Name of Surety) By:	(Seal)

\_\_\_\_\_ of

#### FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2) (See B11)

#### 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,

(Name of Bidder)

(Place)

the Bidder to you on \_\_\_\_\_\_, 20\_\_\_\_ for

BID OPPORTUNITY NO. 326-2015

2015 LOCAL STREET RENEWAL PROGRAM: ATHLONE DRIVE, BUCHANAN BOULEVARD (NORTHBOUND) 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)

#### FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 1 of 2) (See B11)

(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. 326-2015

2015 LOCAL STREET RENEWAL PROGRAM: ATHLONE DRIVE, BUCHANAN BOULEVARD (NORTHBOUND) 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 B11)

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 4, 2015.

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)