### FORM A: BID (See B8)

1.	Contract Title	2019 Local Street Renewal Program – Andrews St, Cork Ave, and 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 Cod
		Email Address of Bidder
		Facsimile Number
	(Mailing address if different)	Street or P.O. Box
		City Province Postal Cod
	(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 meaning 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 B13.1, the Bidder encloses bid security in the form of a bid bond (Form G1: Bid Bond and Agreement to Bond) 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	By submitting a bid in response to this Tender, the Bidder certifies that it has read, understands, and agrees to the terms and conditions of this Tender and that the Tender, 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.	Indigenous Self- Declaration	The City is requesting that Bidders identify if their business is at least 51% owned by one or more Indigenous persons of Canada.  YES, 51% or more Indigenous ownership  NO, it is not  This information is being gathered for statistical purposes only and will not be used for purposes of evaluation.

13.	Signatures	The Bidder or the Bidder's authorized official or officials have signed this
		, 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)

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART	1 CITY FUNDED WORK			<u> </u>		
	Andrews Street - Leila Avenue to Hartford	Avenue - Conc	roto Pav	oment		
Α	Rehabilitation	Avenue Gone	cto i uv	<u>cment</u>		
	EARTH AND BASE WORKS					
<b>4.1</b>	Supplying and Placing Base Course Material	CW 3110-R19	m³	75		
<b>4.2</b>	Grading of Boulevards	CW 3110-R19	m²	1550		
	ROADWORKS - REMOVALS/RENEWALS					
<b>4.3</b>	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	667		
۹.4	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	17		
ii)	150 mm Concrete Pavement (Type B)		m²	385		
iii)	150 mm Concrete Pavement (Type D)		m²	251		
4.5	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	365		
4.6	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	1075		
<b>4</b> .7	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
а	Less than 5 sq.m.		m²	86		
b	5 sq.m. to 20 sq.m.		m²	177		
c	Greater than 20 sq.m.		m²	656		
ii)	150 mm Reinforced Sidewalk					
а	)) Less than 5 sq.m.		m²	8		

ITEM		DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
A 0		Owner to Owel December	REF.		QUANTITY		
A.8		Concrete Curb Renewal	CW 3240-R10				
i)		Barrier (125mm reveal ht, Dowelled)	SD-205, SD-206A				
	a)	Less than 3 m		m	48		
	b)	3 m to 30 m		m	196		
	c)	Greater than 30 m		m	45		
ii)		Modified Barrier (150 mm reveal ht Integral)	SD-203B	m	165		
iii)		Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	250		
<b>4</b> .9		Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)		Main Line Paving					
	a)	Type IA		tonne	1180		
ii)		Tie-ins and Approaches					
	a)	Type IA		tonne	110		
<b>A</b> .10		Planing of Pavement	CW 3450-R6				
i)		1 - 50 mm Depth (Asphalt)		m²	888		
A.11		Pavement Repair Fabric	E11	m²	615		
A.12		Detectable Warning Surface Tiles	CW 3326-R3	each	22		
		JOINT AND CRACK SEALING					
A.13		Reflective Crack Maintenance	CW 3250-R7	m	2255		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.14	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024		each	4		
A.15	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
A.16	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B compacted sand bedding, Class 3 Backfill		m	37		
<b>4</b> .17	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	13		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	8		
iii)	AP-008 - Standard Grated Cover for Standard Frame		each	5		
iv)	AP-011 - Barrier Curb and Gutter Frame		each	3		
v)	AP-012 - Barrier Curb and Gutter Cover		each	3		
A.18	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250mm Drainage Connection Pipe		each	6		
a)	Connecting to 600 mm Combined Sewer		each	6		
b)	Connecting to 750mm Combined Sewer		each	1		
c)	Connecting to 900mm Combined Sewer		each	2		
d)	Connecting to 1050mm Combined Sewer		each	1		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
A.19	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.5		
ii)	Brick Risers		vert. m	1.0		
A.20	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	2		
ii)	51 mm		each	12		
A.21	Adjustment of Valve Boxes	CW 3210-R8	each	12		
A.22	Valve Box Extensions	CW 3210-R8	each	3		
A.23	Adjustment of Curb Stop Boxes	CW 3210-R8	each	5		
A.24	Curb Stop Extensions	CW 3210-R8	each	3		
	LANDSCAPING					
A.25	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	55		
ii)	width > or = 600 mm		m²	1495		
A	Andrews Street - Leila Avenue to Hartford Rehabilitation	Avenue - Conc	rete Pav	ement_	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
В	Cork Avenue - Sly Drive to Salter Street - A	Sphalt Recons	truction			
	EARTH AND BASE WORKS					
3.1	Excavation	CW 3110-R19	m³	1220		
3.2	Sub-Grade Compaction	CW 3110-R19	m²	2570		
3.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	890		
ii)	100 mm		tonne	1620		
3.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	445		
3.5	Grading of Boulevards	CW 3110-R19	m²	330		
3.6	Separation Geotextile Fabric	CW 3130-R4	m²	2570		
3.7	Supply and Install Geogrid	CW 3135-R1	m²	2570		
	ROADWORKS - REMOVALS/RENEWALS					
3.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	2405		
3.9	Slab Replacement	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m²	67		
ii)	150 mm Concrete Pavement (Reinforced)		m²	246		
3.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	90		
3.11	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	30		
ii)	20 M Deformed Tie Bar		each	200		
3.12	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m²	20		

ITEN		DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.13		Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)		100 mm Sidewalk	SD-228A				
	a)	Less than 5 sq.m.		m²	15		
	b)	5 sq.m. to 20 sq.m.		m²	25		
	c)	Greater than 20 sq.m.		m²	380		
ii)		150 mm Reinforced Sidewalk					
	a)	Less than 5 sq.m.		m²	10		
B.14		Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	6		
B.15		Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	6		
B.16		Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	6		
B.17		Concrete Curb Installation	CW 3240-R10				
i)		Barrier (150mm reveal ht, Dowelled)	SD-205	m	6		
ii)		Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	27		
B.18		Concrete Curb Renewal	CW 3240-R10				
i)		Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	19		
B.19		Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	6		
B.20		Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)		Main Line Paving					
	a)	Type IA		tonne	66		
ii)		Tie-ins and Approaches					
	a)	Type IA		tonne	3		
B.21		Planing of Pavement	CW 3450-R6				
i)		1 - 50 mm Depth (Asphalt)		m²	577		
B.22		Detectable Warning Surface Tiles	CW 3326-R3	each	6		
		ROADWORKS - NEW CONSTRUCTION					
B.23		Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)		Construction of 150 mm Concrete Pavement (Reinforced)		m²	169		

ITEM		DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
D. C. 4			REF.		QUANTITY		
B.24		Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)		Construction of Modified Barrier (150 mm ht, Integral)	SD-203B	m	47		
ii)		Construction of Curb and Gutter (150 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	430		
iii)		Construction of Curb and Gutter (150 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	12		
iv)		Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	90		
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	10		
vi)		Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	40		
B.25		Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)		Main Line Paving					
	a)	Type IA		tonne	600		
ii)		Tie-ins and Approaches					
	a)	Type IA		tonne	10		
		JOINT AND CRACK SEALING					
B.26		Reflective Crack Maintenance	CW 3250-R7	m	560		
		ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.27		Catch Basin	CW 2130-R12				
i)		SD-024, 1800 mm deep		each	7		
B.28		Remove and Replace Existing Catch Basin	CW 2130-R12				
i)		SD-024		each	1		
B.29		Sewer Service	CW 2130-R12				
i)		250mm, PVC					
	a)	In a Trench, Class B compacted sand bedding, Class 3 Backfill		m	38		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
3.30	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	2		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	2		
3.31	Connecting to Existing Manhole	CW 2130-R12				
i)	250mm Catch Basin Lead		each	2		
3.32	Connecting to Existing Sewer	CW 2130-R12				
i)	250mm CB Lead Connecting Pipe					
a)	Connecting to 300 mm Sewer		each	2		
b)	Connecting to 375 mm Sewer		each	2		
c)	Connecting to 1050mm Sewer		each	2		
3.33	Abandoning Existing Catch Basins	CW 2130-R12	each	6		
3.34	Abandoning Existing Catch Pit	CW 2130-R12	each	1		
.35	Abandoning Existing Drainage Inlets	CW 2130-R12	each	5		
3.36	Installation of Subdrains	CW 3120-R4	m	180		
3.37	Watermain and Water Service Insulation	E14				
i)	Pipe Under Roadway Excavation (SD-018)		m²	26		
.38	ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	2		
3.39	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.5		
ii)	Brick Risers		vert. m	0.5		
3.40	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	2		
3.41	Adjustment of Valve Boxes	CW 3210-R8	each	3		
3.42	Valve Box Extensions	CW 3210-R8	each	1		
.43	Adjustment of Curb Stop Boxes	CW 3210-R8	each	5		
3.44	Curb Stop Extensions	CW 3210-R8	each	2		

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	LANDSCAPING					
B.45	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	45		
ii)	width > or = 600 mm		m²	1700		
В	Cork Avenue - Sly Drive to Salter Street - A	Subtotal:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
С	Kairistine Lane - Kinver Avenue to Dexter	Street - Asphalt	Overlay	<u> </u>		
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R19	m³	55		
0.2	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	80		
0.3	Supplying and Placing Base Course Material	CW 3110-R19	m³	18		
C.4	Grading of Boulevards	CW 3110-R19	m²	1730		
2.5	Separation Geotextile Fabric	CW 3130-R4	m²	237		
C.6	Supply and Install Geogrid	CW 3135-R1	m²	237		
	ROADWORKS - REMOVALS/RENEWALS					
2.7	Pavement Removal	CW 3110-R19				
i)	Asphalt Pavement		m²	237		
C.8	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
а	Less than 5 sq.m.		m²	13		
b	5 sq.m. to 20 sq.m.		m²	15		
<b>:</b> .9	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	100		
C.10	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	42		
C.11	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	42		
0.12	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Separate		m	15		
ii)	Curb and Gutter		m	30		
iii)	Lip Curb	SD-202C	m	300		
2.13	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	15		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX.	UNIT PRICE	AMOUNT
C.14	Concrete Curb Renewal	CW 3240-R10		QUANTITY		
i)	Modified Barrier (150 mm reveal ht Integral)	SD-203B	m	15		
ii)	Curb and Gutter (125 mm reveal ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200				
a)	Less than 3 m		m	3		
iii)	Curb and Gutter (150mm reveal ht, Modified Barrier, Integral, - 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B				
a)	3 m to 30 m		m	55		
iv)	Curb and Gutter (8-12mm reveal ht,Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200				
a)	3 m to 30 m		m	4		
v)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	15		
2.15	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	400		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	25		
C.16	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	330		
C.17	Pavement Repair Fabric	E11	m²	775		
C.18	Detectable Warning Surface Tiles	CW 3326-R3	each	4		
	ROADWORKS - NEW CONSTRUCTION					
C.19	Asphalt Barrier Curb, 125 mm reveal ht	CW 3310-R17, E17	m	665		
	JOINT AND CRACK SEALING					
2.20	Longitudinal Joint & Crack Filling ( > 25 mm in width )	CW 3250-R7	m	100		
C.21	Reflective Crack Maintenance	CW 3250-R7	m	750		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
0.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B compacted sand bedding, Class 3 Backfill		m	8		
0.23	Frames & Covers	CW 3210-R8				
i)	AP-011 - Barrier Curb and Gutter Frame		each	1		
ii)	AP-012 - Barrier Curb and Gutter Cover		each	1		
iii)	AP-018 - Modified Barrier Curb and Gutter Frame		each	2		
iv)	AP-019 - Modified Barrier Curb and Gutter Cover		each	2		
C.24	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1		
C.25	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250mm Drainage Connection Pipe		each	2		
0.26	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	200-250mm		each	1		
	ADJUSTMENTS					
C.27	Replacing Existing Risers	CW 2130-R12				
i)	Brick Risers		vert. m	0.4		
C.28	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	2		
ii)	51 mm		each	1		
C.29	Adjustment of Valve Boxes	CW 3210-R8	each	1		
0.30	Valve Box Extensions	CW 3210-R8	each	4		
0.31	Adjustment of Curb Stop Boxes	CW 3210-R8	each	10		
C.32	Curb Stop Extensions	CW 3210-R8	each	5		

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	LANDSCAPING	IXLI.		QO/MITTI		
C.33	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	25		
ii)	width > or = 600 mm		m²	1705		
С	Kairistine Lane - Kinver Avenue to Dexter	Subtotal:				

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	Neville Street - Margate Road to Mapleton	Drive - Concrete	e Rehab	ilitation		
	EARTH AND BASE WORKS					
D.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	20		
0.2	Grading of Boulevards	CW 3110-R19	m²	400		
	ROADWORKS - REMOVALS/RENEWALS					
0.3	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	110		
0.4	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type B)		m²	255		
ii)	150 mm Concrete Pavement (Type D)		m²	30		
0.5	Partial Depth Planing of Existing Joints	E12	m²	155		
0.6	Asphalt Patching of Partial Depth Joints	E12	m²	155		
0.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	390		
0.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	580		
0.9	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m²	6		
D.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
ii)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	13		
b)	5 sq.m. to 20 sq.m.		m²	136		
c)	Greater than 20 sq.m.		m²	180		
D.11	Concrete Curb Renewal	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	48		
ii)	Modified Lip Curb (75 mm reveal ht, Dowelled)	SD-202C	m	150		
iii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	118		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.12	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	5		
D.13	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	450		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	83		
D.14	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	25		
D.15	Pavement Repair Fabric	E11	m²	235		
D.16	Detectable Warning Surface Tiles	CW 3326-R3	each	12		
	JOINT AND CRACK SEALING					
D.17	Reflective Crack Maintenance	CW 3250-R7	m	1000		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.18	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
D.19	Drainage Connection Pipe	CW 2130-R12	m	7		
D.20	Frames & Covers	CW 3210-R8				
i)	AP-015 - Mountable Curb and Gutter Frame		each	1		
ii)	AP-016 - Mountable Curb and Gutter Cover		each	1		
D.21	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250mm Drainage Connection Pipe		each	1		
	ADJUSTMENTS					
D.22	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	2		
D.23	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	1		
D.24	Adjustment of Valve Boxes	CW 3210-R8	each	4		

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	LANDSCAPING	INCI .		QUANTITI		
D.25	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	130		
ii)	width > or = 600 mm		m²	270		
D	Neville Street - Margate Road to Mapleton	Subtotal:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	Nora Street - Logan Avenue to Alexander	Avenue - Concr	ete Reco	onstruction		
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R19	m³	390		
E.2	Sub-Grade Compaction	CW 3110-R19	m²	960		
E.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm - Limestone		tonne	715		
E.4	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m³	85		
E.5	Grading of Boulevards	CW 3110-R19	m²	790		
E.6	Separation Geotextile Fabric	CW 3130-R4	m²	960		
E.7	Supply and Install Geogrid	CW 3135-R1	m²	960		
	ROADWORKS - REMOVALS/RENEWALS					
≣.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	758		
E.9	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	242		
E.10	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	25		
ii)	20 M Deformed Tie Bar		each	155		
E.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a	Greater than 20 sq.m.		m²	355		
E.12	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	2		
≣.13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	2		
≣.14	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	2		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.15	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	16		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	17		
iii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	10		
E.16	Construction of Asphalt Patches	CW 3410-R12	m²	32		
E.17	Detectable Warning Surface Tiles	CW 3326-R3	each	2		
	ROADWORKS - NEW CONSTRUCTION					
E.18	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced, Slip Form Paving)		m²	765		
E.19	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	125		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	37		
iii)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	31		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	25		
	JOINT AND CRACK SEALING					
E.19	Joint Sealing	CW 3250-R7	m	250		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
E.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2		
E.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type Compacted Sand Bedding, Class 3 Backfill		m	9		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.22	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 300 mm Sewer		each	2		
E.23	Abandoning Existing Catch Basins	CW 2130-R12	each	2		
E.24	Installation of Subdrains	CW 3120-R4	m	60		
E.25	Watermain and Water Service Insulation	E14				
i)	Pipe Under Roadway Excavation (SD-018)		m²	90		
	ADJUSTMENTS					
E.26	Adjustment of Valve Boxes	CW 3210-R8	each	3		
E.27	Valve Box Extensions	CW 3210-R8	each	2		
E.28	Adjustment of Curb Stop Boxes	CW 3210-R8	each	3		
E.29	Curb Stop Extensions	CW 3210-R8	each	2		
	LANDSCAPING					
E.30	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	50		
ii)	width > or = 600 mm		m²	740		
E	Nora Street - Logan Avenue to Alexander A	Avenue - Concre	ete Reco	onstruction	Subtotal:	

(SEE B9)

ITEM		DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F		Palms Boulevard - Burrows Avenue to Gar	den Grove Driv	e - Asph	nalt Overlay		
		EARTH AND BASE WORKS					
F.1		Supplying and Placing Base Course Material	CW 3110-R19	m³	4		
F.2		Grading of Boulevards	CW 3110-R19	m²	1850		
		ROADWORKS - REMOVALS/RENEWALS					
F.3		Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)		100 mm Sidewalk	SD-228A				
i	a)	Less than 5 sq.m.		m²	9		
	b)	5 sq.m. to 20 sq.m.		m²	43		
F.4		Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	26		
F.5		Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	8		
F.6		Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	8		
F.7		Concrete Curb Removal	CW 3240-R10				
i)		Curb and Gutter		m	110		
ii)		Lip Curb	SD-202C	m	300		
F.8		Concrete Curb Renewal	CW 3240-R10				
i)		Barrier (125mm reveal ht, Dowelled)	SD-205, SD-206A				
i	ĺ	Less than 3 m		m	6		
ii)		Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	13		
iii)		Curb and Gutter (125 mm reveal ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement) 3 m to 30 m	SD-200	m	20		
iv)		Curb and Gutter (150mm reveal ht, Modified Barrier, Integral, - 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B				
;		3 m to 30 m		m	135		
v)		Curb and Gutter (8-12mm reveal ht,Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200		7		
;	a)	3 m to 30 m		m	21		
vi)		Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	3		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.9	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	445		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	50		
F.10	Construction of Asphalt Patches	CW 3410-R12	m²	30		
=.11	Pavement Repair Fabric	E11	m²	1000		
F.12	Detectable Warning Surface Tiles	CW 3326-R3	each	6		
	ROADWORKS - NEW CONSTRUCTION					
F.13	Asphalt Barrier Curb, 125 mm reveal ht	CW 3310-R17, E17	m	659		
	JOINT AND CRACK SEALING					
14	Reflective Crack Maintenance	CW 3250-R7	m	1000		
<del>-</del> .15	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
16	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	3		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	3		
iii)	AP-011 - Barrier Curb and Gutter Frame		each	5		
iv)	AP-012 - Barrier Curb and Gutter Cover		each	5		
17	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250mm		each	1		
F.18	Abandoning Existing Catch Pit	CW 2130-R12	each	1		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
F.19	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	3		
F.20	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.5		
ii)	Brick Risers		vert. m	0.5		
F.21	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	2		
F.22	Adjustment of Valve Boxes	CW 3210-R8	each	4		
F.23	Valve Box Extensions	CW 3210-R8	each	1		
F.24	Adjustment of Curb Stop Boxes	CW 3210-R8	each	5		
F.25	Curb Stop Extensions	CW 3210-R8	each	2		
	LANDSCAPING					
F.26	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	15		
ii)	width > or = 600 mm		m²	1850		
F	Palms Boulevard - Burrows Avenue to Gar	nalt Overlay	Subtotal:			

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G	Stardust Avenue - Watson Street to McPhi	llips Street - Co	ncrete F	Rehabilitation		
	EARTH AND BASE WORKS					
9.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	40		
9.2	Grading of Boulevards	CW 3110-R19	m²	270		
	ROADWORKS - REMOVALS/RENEWALS					
<del>9</del> .3	Slab Replacement	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m²	375		
3.4	Partial Slab Patches	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m²	11		
ii)	200 mm Concrete Pavement (Type B)		m²	230		
iii)	200 mm Concrete Pavement (Type D)		m²	40		
S.5	Partial Slab Patches - Early Opening (24 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type B)		m²	170		
9.6	Partial Depth Planing of Existing Joints	E12	m²	105		
<b>9</b> .7	Asphalt Patching of Partial Depth Joints	E12	m²	105		
6.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	570		
6.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	720		
5.10	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m²	80		

ITEN	1	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.11		Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)		100 mm Sidewalk	SD-228A				
	a)	Less than 5 sq.m.		m²	27		
	b)	5 sq.m. to 20 sq.m.		m²	47		
	c)	Greater than 20 sq.m.		m²	57		
ii)		150 mm Reinforced Sidewalk					
	a)	Less than 5 sq.m.		m²	17		
iii)		Monolithic Curb and Sidewalk	SD-228B	m²	72		
G.12		Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	4		
G.13		Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	2		
G.14		Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	2		
9.15		Concrete Curb Renewal	CW 3240-R10				
i)		Barrier (125mm reveal ht, Dowelled)	SD-205,				
	a)	Less than 3 m	SD-206A	m	57		
	b)	3 m to 30 m		m	110		
ii)		Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	88		
iii)		Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	25		
6.16		Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)		Main Line Paving					
	a)	Type IA		tonne	825		
ii)		Tie-ins and Approaches					
	a)	Type IA		tonne	40		
S.17		Planing of Pavement	CW 3450-R6				
i)		1 - 50 mm Depth (Asphalt)		m²	190		
G.18		Pavement Repair Fabric	E11	m²	110		
S.19		Detectable Warning Surface Tiles	CW 3326-R3	each	3		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORK - NEW CONSTRUCTION					
G.20	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Lip Curb (75 mm ht, Integral)	SD-202A	m	17		
	JOINT AND CRACK SEALING					
G.21	Reflective Crack Maintenance	CW 3250-R7	m	1460		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
G.22	Frames & Covers	CW 3210-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)	TF39 - 152mm Frame for Manhole and Catch Basin		each	1		
iv)	AP-011 - Barrier Curb and Gutter Frame		each	2		
v)	AP-012 - Barrier Curb and Gutter Cover		each	2		
vi)	AP-015 - Mountable Curb and Gutter Frame		each	1		
vii)	AP-016 - Mountable Curb and Gutter Cover		each	1		
	ADJUSTMENTS					
G.23	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	4		
G.24	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
G.25	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	2		
iii)	76 mm		each	2		
G.26	Adjustment of Valve Boxes	CW 3210-R8	each	2		
G.27	Valve Box Extensions	CW 3210-R8	each	1		
G.28	Adjustment of Curb Stop Boxes	CW 3210-R8	each	2		
G.29	Adjustment of Curb and Gutter Frames	CW 3210-R8	each	2		

(SEE B9)

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	LANDSCAPING					
G.30	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	80		
ii)	width > or = 600 mm		m²	250		
G	Stardust Avenue - Watson Street to McPhi	Subtotal:				

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Н	WATER AND WASTE WORK					
	Andrews Street (MH000010187)					
H.1	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
	Andrews Street (MH00001269)					
H.2	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.2		
	Kairistine Lane (MH00005825)					
H.3	Grout Riser Ring Joint	E16	each	1.0		
	Stardust Avenue (MH00005825)					
H.4	Grout Cracks in Riser, less than 1m	E16	each	1.0		
Н	WATER AND WASTE WORK					

JNIT PRI ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2	MANITOBA HYDRO/PROVIN	CIALLY F	UNDED			
	(See B10.5, B18.2.1, B19.6, D2	2, <i>D15.2-3</i>	, D16.4	)		
	1					
I	Cork Avenue - Sly Drive to Salter Street - St	treet Light In:	<u>stallation</u>			
.1	Removal of 15' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E19	each	8		
.2	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E19	lin.m	362		
.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E19	each	8		
.4	Installation of one (1) 10' ground rod at every 3rd street light, at the end of every street light circuit and anywhere else as shown on the design drawings. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E19	each	5		
.5	Install lower 3 m of Cable Guard, ground lug, cable up pole, and first 3 m section of ground rod per Standard CD 315-5.	E19	each	2		
.6	Installation and connection of externally- mounted relay and PEC per Standards CD 315-12 and CD 315-13.	E19	each	2		
.7	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E19	set	8		
.8	Splicing #4 Al C/N or 2 single conductor street light cables.	E19	set	8		
.9	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary Overhead Feed.	E19	lin.m	362		
.10	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary Overhead Feed.	E19	lin.m	362		
1	Cork Avenue - Sly Drive to Salter Street - St	treet Liaht In	stallation		Subtotal:	

(SEE B9)

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT	
		REF.		QUANTITY			
	SUMMARY						
PART 1 CITY FUNDED WORK							
Α	Andrews Street - Leila Avenue to Hartford A Rehabilitation	Avenue - Concr	ete Pave	ement_	Subtotal:		
В	Cork Avenue - Sly Drive to Salter Street - A	sphalt Reconst	ruction		Subtotal:		
С	Kairistine Lane - Kinver Avenue to Dexter S	Street - Asphalt	Overlay		Subtotal:		
D	Neville Street - Margate Road to Mapleton I	Orive - Concret	e Rehab	<u>ilitation</u>	Subtotal:		
E	Nora Street - Logan Avenue to Alexander Avenue - Concrete Reconstruction						
F	Palms Boulevard - Burrows Avenue to Gard	den Grove Driv	e - Asph	alt Overlay	Subtotal:		
G	Stardust Avenue - Watson Street to McPhil	lips Street - Co	ncrete R	<u>tehabilitation</u>	Subtotal:		
Н	WATER AND WASTE WORK				Subtotal:		
				(total	price) PART 1		
PART 2 MANITOBA HYDRO/PROVINCIALLY FUNDED WORK (See B10.5, B18.2.1, B19.6, D2, D15.2-3, D16.4)							
ı	I Cork Avenue - Sly Drive to Salter Street - Street Light Installation Su				Subtotal:		
(total price) PART 2							
TOTAL BI	TOTAL BID PRICE (GST extra) (in figures)						

(Seal)

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### 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		<del></del>
called the "Obligee") in the sum of ten per	and firmly bound unto <b>THE CITY OF WINNIPEG</b> cent (10%) of the Total Bid Price set out in the Bid he Principal and Surety bind themselves, their heirs ntly and severally, firmly by these presents.	l hereinafter
WHEREAS the Principal has submitted a B	id to the Obligee for	
TENDER NO. 452-2019		
2019 Local Street Renewal Program – And	rews St, Cork Ave, and Other Locations	
as more fully set out in the Tender.		
if said Bid is accepted and the Principal, in	oligation is such that if the Bid of the Principal is not a accordance with the terms of the Bid, enters into a C ed performance and labour and material payment remain in full force and effect.	contract with
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:	(Seal)
(Without do to 1 miospai ii no occar)	Per:	
	(Name of Surety)	

Ву:

(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, (Name of Bidder) (Place) the Bidder to you on \_\_\_\_\_\_, 20\_\_\_\_ for TENDER NO. 452-2019 2019 LOCAL STREET RENEWAL PROGRAM - ANDREWS ST, CORK AVE, AND OTHER LOCATIONS The Surety agrees to issue for the Principal: 1. a Performance Bond 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 Tender; and 2. a Labour and Material Payment Bond in an amount equal to fifty percent (50%) of the Contract Price for the payment for all labour, service and material used or reasonably required for use in the performance of the Work shown and described in the Tender; If our Principal's Bid is accepted by you, such Performance Bond and Labour and Material Payment Bond (the Bonds) to be maintained and continue in full force and effect until the expiration of the warranty period. The Bonds shall be in the form specified in the Tender. It is a condition that this Agreement to Bond shall become null and void if the Bonds mentioned above are 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 \_\_\_\_\_\_, 20\_\_\_\_\_. (Name of Surety) (Attorney-in-Fact) (Seal)