FORM A: BID (See B8)

1.	Contract Title	2019 Local Street Renewal Pro Locations	gram – Andrews St, Cork Ave, a	nd Other
2.	Bidder	Name of Bidder		
		Usual Business Name of Bidder as it ap	opears on Invoice (if different from above)
		Street		
		City	Province F	Postal Code
		Email Address of Bidder		
		Facsimile Number		
	(Mailing address if different)	Street or P.O. Box		
		City	Province F	Postal Code
	(Choose one)	The Bidder is: a sole proprietor a partnership a corporation		
		carrying on business under the	above name.	
3.	Contact Person	The Bidder hereby authorizes the Bidder for purposes of the E	the following contact person to r Bid.	represent
		Contact Person	Title	<u>, , , , , , , , , , , , , , , , , , , </u>
		Telephone Number	Facsimile Number	
4.	Definitions	All capitalized terms used in ascribed to them in the General	the Contract shall have the r Conditions.	meanings
5.	Offer		erform the Work in accordance e, in Canadian funds, set out on	

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:
		agrees that they shall be deemed to form a part of the Contract: No. Dated
11.	Time	
11. 12.	Time Indigenous Self- Declaration	No Dated This offer shall be open for acceptance, binding and irrevocable for a
	Indigenous Self-	No. Dated

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
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_____ 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)

UNIT PR	ICES					
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART	1 CITY FUNDED WORK					
A	Andrews Street - Leila Avenue to Hartford Rehabilitation	<u> Avenue - Conci</u>	rete Pav	ement_		
	EARTH AND BASE WORKS					
A.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	75		
۹.2	Grading of Boulevards	CW 3110-R19	m²	1550		
	ROADWORKS - REMOVALS/RENEWALS					
A.3	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	667		
A.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		
۹.5	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	365		
A.6	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	1075		
۹.7	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a	a) Less than 5 sq.m.		m²	86		
k	o) 5 sq.m. to 20 sq.m.		m²	177		
c	c) Greater than 20 sq.m.		m²	656		
ii)	150 mm Reinforced Sidewalk					
a	a) Less than 5 sq.m.		m²	8		

UNIT PRICES

ITEN		DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.8		Concrete Curk Deneuvel			QUANTIT		
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		
A.9		Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)		Main Line Paving					
	a)	Туре ІА		tonne	1180		
ii)		Tie-ins and Approaches					
	a)	Туре ІА		tonne	110		
A.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		

JNIT PRIC	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
_	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS		_			
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		
A.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.19	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm CB Lead Connecting Pipe					
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		

UNIT PRI	CES					
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
A.20	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.5		
ii)	Brick Risers		vert. m	1.0		
A.21	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	2		
ii)	51 mm		each	12		
A.22	Adjustment of Valve Boxes	CW 3210-R8	each	12		
A.23	Valve Box Extensions	CW 3210-R8	each	3		
A.24	Adjustment of Curb Stop Boxes	CW 3210-R8	each	5		
A.25	Curb Stop Extensions	CW 3210-R8	each	3		
	LANDSCAPING					
A.26	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	55		
ii)	width > or = 600 mm		m²	1495		
Α	Andrews Street - Leila Avenue to Harti Rehabilitation	ford Avenue - Conc	rete Pav	ement_	Subtotal:	

UNIT PRICES

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					
B.1	Excavation	CW 3110-R19	m³	1220		
B.2	Sub-Grade Compaction	CW 3110-R19	m²	2570		
B.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	890		
ii)	100 mm		tonne	1620		
B.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	445		
B.5	Grading of Boulevards	CW 3110-R19	m²	330		
B.6	Separation Geotextile Fabric	CW 3130-R4	m²	2570		
B.7	Supply and Install Geogrid	CW 3135-R1	m²	2570		
	ROADWORKS - REMOVALS/RENEWALS					
B.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	2405		
B.9	Slab Replacement	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m²	67		
ii)	150 mm Concrete Pavement (Reinforced)		m²	246		
B.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	90		
B.11	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	30		
ii)	20 M Deformed Tie Bar		each	200		
B.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)	Туре ІА		tonne	66		
ii)		Tie-ins and Approaches					
	a)	Туре ІА		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		

UNIT P	RIC	CES	(SEE B9)				
ITEN		DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
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)	Туре IA		tonne	600		
ii)		Tie-ins and Approaches					
	a)	Туре 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					
		In a Trench, Class B compacted sand bedding, Class 3 Backfill		m	38		

ITEM	CES DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.30	Frames & Covers	CW 3210-R8		SCOUTTIN		
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		
3.35	Abandoning Existing Drainage Inlets	CW 2130-R12	each	5		
B.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		
3.38	ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	2		
B.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		
3.43	Adjustment of Curb Stop Boxes	CW 3210-R8	each	5		
3.44	Curb Stop Extensions	CW 3210-R8	each	2		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	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	sphalt Recons	truction		Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
С	Kairistine Lane - Kinver Avenue to Dexter		Overlay			
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R19	m³	55		
C.2	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	80		
C.3	Supplying and Placing Base Course Material	CW 3110-R19	m³	18		
C.4	Grading of Boulevards	CW 3110-R19	m²	1730		
C.5	Separation Geotextile Fabric	CW 3130-R4	m²	237		
C.6	Supply and Install Geogrid	CW 3135-R1	m²	237		
	ROADWORKS - REMOVALS/RENEWALS					
C.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		
C.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		
C.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		
C.13	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	15		

ITEM	1	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
C.14		Concrete Curb Renewal	REF. 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		10		
	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		
C.15		Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)		Main Line Paving					
	a)	Туре ІА		tonne	400		
ii)		Tie-ins and Approaches					
	a)	Туре ІА		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					
C.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	CES DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
C.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B compacted sand bedding, Class 3 Backfill		m	8		
C.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		
C.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		
C.30	Valve Box Extensions	CW 3210-R8	each	4		
C.31	Adjustment of Curb Stop Boxes	CW 3210-R8	each	10		
C.32	Curb Stop Extensions	CW 3210-R8	each	5		

UNIT PRICES	١U	ΝIT	PRICE	ΞS
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ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	LANDSCAPING					
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	Street - Asphalt	Overlay	<u> </u>	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	Neville Street - Margate Road to Mapleton	Drive - Concret	e Rehab	<i>ilitation</i>		
	EARTH AND BASE WORKS					
D.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	20		
D.2	Grading of Boulevards	CW 3110-R19	m²	400		
	ROADWORKS - REMOVALS/RENEWALS					
D.3	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	110		
D.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		
D.5	Partial Depth Planing of Existing Joints	E12	m²	155		
D.6	Asphalt Patching of Partial Depth Joints	E12	m²	155		
D.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	390		
D.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	580		
D.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	a) Less than 5 sq.m.		m²	13		
k	b) 5 sq.m. to 20 sq.m.		m²	136		
C	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		

	CES	(SEE B9)				
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)	Туре ІА		tonne	450		
ii)	Tie-ins and Approaches					
a)	Туре ІА		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		

UNIT	PRICES
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ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	LANDSCAPING					
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	Drive - Concret	e Rehab	ilitation	Subtotal:	

UNIT PRI						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Е	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					
E.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		
E.13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	2		
E.14	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	2		

	CES	(SEE B9)				
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		
Ξ.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		
Ξ.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					
Ξ.19	Joint Sealing	CW 3250-R7	m	250		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
Ξ.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		

UNIT PRICES

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
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 /	Avenue - Concre	ete Reco	onstruction	Subtotal:	

	CES	(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		
=.2	Grading of Boulevards	CW 3110-R19	m²	1850		
	ROADWORKS - REMOVALS/RENEWALS					
3	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
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,				
a)	Less than 3 m	SD-206A	m	6		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	13		
iii) a)	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	m	7		
vi)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	21		
9	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	3		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
.10	Construction of Asphaltic Concrete Overlay	CW 3410-R12		QUANTIT		
i)	Main Line Paving					
a)	Туре ІА		tonne	445		
ii)	Tie-ins and Approaches					
a)	Туре ІА		tonne	50		
F.11	Construction of Asphalt Patches	CW 3410-R12	m²	30		
12	Pavement Repair Fabric	E11	m²	1000		
13	Detectable Warning Surface Tiles	CW 3326-R3	each	6		
	ROADWORKS - NEW CONSTRUCTION					
14	Asphalt Barrier Curb, 125 mm reveal ht	CW 3310-R17, E17	m	659		
	JOINT AND CRACK SEALING					
15	Reflective Crack Maintenance	CW 3250-R7	m	1000		
16	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
17	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		
18	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250mm		each	1		
19	Abandoning Existing Catch Pit	CW 2130-R12	each	1		

	DESCRIPTION	SPEC. REF.	UNIT	APPROX.	UNIT PRICE	
4				QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	3		
F.21 F	Replacing Existing Risers	CW 2130-R12				
i) F	Pre-cast Concrete Risers		vert. m	0.5		
ii) E	Brick Risers		vert. m	0.5		
F.22 L	_ifter Rings (AP-010)	CW 3210-R8				
i) 3	38 mm		each	1		
ii) 5	51 mm		each	2		
F.23 A	Adjustment of Valve Boxes	CW 3210-R8	each	4		
F.24 V	Valve Box Extensions	CW 3210-R8	each	1		
F.25 A	Adjustment of Curb Stop Boxes	CW 3210-R8	each	5		
F.26 C	Curb Stop Extensions	CW 3210-R8	each	2		
L	LANDSCAPING					
F.27 S	Sodding	CW 3510-R9				
i) v	width < 600 mm		m²	15		
ii) v	width > or = 600 mm		m²	1850		
F <u>F</u>	Palms Boulevard - Burrows Avenue to Gar	den Grove Driv	re - Asph	alt Overlay	Subtotal:	

UNIT PRICES

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					
G.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	40		
G.2	Grading of Boulevards	CW 3110-R19	m²	270		
	ROADWORKS - REMOVALS/RENEWALS					
G.3	Slab Replacement	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m²	375		
G.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		
G.5	Partial Slab Patches - Early Opening (24 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type B)		m²	170		
G.6	Partial Depth Planing of Existing Joints	E12	m²	105		
G.7	Asphalt Patching of Partial Depth Joints	E12	m²	105		
G.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	570		
G.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	720		
G.10	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m²	80		

ITEM	1	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
6.11		Miscellaneous Concrete Slab Renewal	CW 3235-R9		20.01111		
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		
G.15		Concrete Curb Renewal	CW 3240-R10				
i)		Barrier (125mm reveal ht, Dowelled)	SD-205, SD-206A				
	a)	Less than 3 m	00 200,1	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		
G.16		Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)		Main Line Paving					
	a)	Туре IA		tonne	825		
ii)		Tie-ins and Approaches					
	a)	Туре IA		tonne	40		
G.17		Planing of Pavement	CW 3450-R6				
i)		1 - 50 mm Depth (Asphalt)		m²	190		
G.18		Pavement Repair Fabric	E11	m²	110		
G.19		Detectable Warning Surface Tiles	CW 3326-R3	each	3		

ITEM	ICES 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		

UNIT	PRICES
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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:				

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		·		Subtotal:	

NIT PRI	ICES	(SEE B9)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ART						
	(See B10.5, B18.2.1, B19.6, D2	2, D15.2-3	, D16.4)		
I	Cork Avenue - Sly Drive to Salter Street - S	treet Light In:	stallation			
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 AI 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 - S	treet Light In	stallation	1	Subtotal:	

UNIT PRI	ICES	. ,				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	SUMMARY					
PART	1 CITY FUNDED WORK					
Α	Andrews Street - Leila Avenue to Hartford / Rehabilitation	Andrews Street - Leila Avenue to Hartford Avenue - Concrete Pavement Rehabilitation				
В	Cork Avenue - Sly Drive to Salter Street - A	sphalt Recons	struction		Subtotal:	
С	Kairistine Lane - Kinver Avenue to Dexter S	Street - Aspha	lt Overlay		Subtotal:	
D	Neville Street - Margate Road to Mapleton I	Drive - Concre	te Rehab	<u>ilitation</u>	Subtotal:	
Е	Nora Street - Logan Avenue to Alexander Avenue - Concrete Reconstruction				Subtotal:	
F	Palms Boulevard - Burrows Avenue to Gar	den Grove Dri	ve - Asph	alt Overlay	Subtotal:	
G	Stardust Avenue - Watson Street to McPhil	lips Street - C	oncrete F	Rehabilitation	Subtotal:	
Н	WATER AND WASTE WORK				Subtotal:	
				(total	price) PART 1	
PART	2 MANITOBA HYDRO/PROVING (See B10.5, B18.2.1, B19.6, D2			WORK		
I	Cork Avenue - Sly Drive to Salter Street - S	treet Light Ins	tallation		Subtotal:	
				(total	price) PART 2	
TOTAL B	ID PRICE (GST extra)		((in figures)		

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

TENDER NO. 452-2019

2019 Local Street Renewal Program – Andrews St, Cork Ave, and Other Locations

as more fully set out in the Tender.

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 and labour and material payment bonds, 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:	(Seal)
	Per:	
	(Name of Surety)	
	By:(Attorney-in-Fact)	(Seal)

_____ of

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_____ , 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 ______ day of ______, 20_____,

By:

(Name of Surety)

(Attorney-in-Fact)

____ (Seal)