### FORM A: BID (See B9)

1.	Contract Title	2019 WATERMAIN RENE	WALS – CONTRACT NO. 5	
2.	Bidder			
		Name of Bidder		· · · · · · · · · · · · · · · · · · ·
		Usual Business Name of Bidder	as it appears on Invoice (if different from	above)
		Street		
		City	Province	Postal Code
		Email Address of Bidder		
		Facsimile Number		
	(Mailing address if different)	Street or P.O. Box		
		City	Province	Postal Code
		GST Registration Number (if ap	plicable)	
	(Choose one)	The Bidder is:		
		a sole proprietor		
		a partnership		
		a corporation		
		carrying on business unde	er the above name.	
3.	Contact Person	The Bidder hereby autho the Bidder for purposes of	rizes the following contact perso f the Bid.	n to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Definitions	All capitalized terms use ascribed to them in the Ge	ed in the Contract shall have eneral Conditions.	the meanings

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 B14.1, 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 forty-five (45) 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

\_\_\_\_\_ day of \_\_\_\_\_ , 20\_\_\_\_\_ .

Signature of Bidder or Bidder's Authorized Official or Officials

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

\_\_\_\_\_

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

#### FORM B(R1): PRICES (See B10)

A. Hillary Bay - Hillary Bay (S Leg) to Hillary Crescent       A. 1     Watermain Renewal     CW 2110       a)     150mm     CW 2110       i) trenchless installation, Class B sand bedding, Class 3 backfill     m     31.0       ii) trenchless installation, Class B sand bedding, Class 5 backfill     m     71.0       a)     SD-006     each     1       A. 3     Watermain Valve     CW 2110     each     1       a)     SD-006     each     1     1       A. 4     Fittings     CW 2110     each     1       a)     Bomm     cw 2110     each     1       a)     Bomm     cw 2110     each     1       bill     J50mm - 45° bend     each     2       A. 5     Water Services     CW 2110     m     10.0       a)     19mm     m     10.0     each     2       a)     19mm     cw 2110     m     5.0       a)     19mm     cw 2110     m     10.0       a)     19mm     each     13       A. 6     Corporation Stops     CW 2110     13       a)     19mm     each     1       A. 7     Curb Stops     CW 2110     13       a)     19mm	2019 WATERMAIN RENEWALS - CONTRACT NO. 5							
A. Hillary Bay - Hillary Bay (S Leg) to Hillary Crescent       A. 1     Watermain Renewal     CW 2110       a)     150mm     m       i) trenchless installation, Class B sand bedding, Class 5 backfill     m       ii) trenchless installation, Class B sand bedding, Class 5 backfill     m       A. 2     Hydrant Assembly     CW 2110       a)     SD-006     each       A. 3     Watermain Valve     CW 2110       a)     150mm     each       A. 4     Fittings     CW 2110       a)     150mm     each       A. 4     Fittings     CW 2110       a)     Bends (SD-004)     each       ii)     150mm - 45° bend     each       A. 5     Water Services     CW 2110       a)     19mm     m       iii)     Trenchless installation, Class B sand bedding, Class 3 backfill     m       iii)     Trenchless installation, Class B sand bedding, Class 5 backfill     m       iii)     Trenchless installation, Class B sand bedding, Class 5 backfill     m       iii)     Trenchless installation, Class B sand bedding, Class 5 backfill     m       iii)     Trenchless installation, Class B sand bedding, Class 5 backfill     m       iii)     Trenchless installation, Class B com     m       iii)     Cub S			DESCRIPTION		UNIT			AMOUNT
A. 1       Watermain Renewal       CW 2110       m         a)       150mm       150mm         i)       trenchless installation, Class B sand bedding, Class 3 backfill       m       31.0         ii)       trenchless installation, Class B sand bedding, Class 5 backfill       m       71.0         a)       SD-006       each       1         A. 2       Hydrant Assembly       CW 2110       each       1         a)       SD-006       each       1       1         A. 3       Watermain Valve       CW 2110       each       1         a)       I50mm       CW 2110       each       1         a)       Bends (SD-004)       each       2       each       2         ii)       10mm - 45° bend       each       2       each       2         a)       19mm       m       10.0       each       2         a)       19mm       m       5.0       each       13         A. 6       Corporation Stops       CW 2110       m       5.0         a)       19mm       each       1       13         A. 7       Curb Stop Boxes       CW 2110       1       1         a)				REF.	•••••	QUANTITY	PRICE	
a)150mmm31.0i)trenchless installation, Class B sand bedding, Class 5 backfillm31.0ii)trenchless installation, Class B sand bedding, Class 5 backfillm71.0A. 2Hydrant Assembly a)CW 2110m71.0a)SD-006each1A. 3Watermain ValveCW 2110ma)150mmcW 2110ma)150mmcW 2110ma)150mmcW 2110ma)Bends (SD-004)maii)150mm - 22.5° bendmaiii)150mm - 45° bendmaa)19mmm10.0ii)Trenchless installation, Class B sand bedding, Class 3 backfillm10.0ii)Trenchless installation, Class B sand bedding, Class 3 backfillm10.0ii)Trenchless installation, Class B sand bedding, Class 5 backfillm10.0ii)Trenchless installation, Class B sand bedding, Class 5 backfillm10.0iii)Trenchless installation, Class B sand bedding, Class 5 backfillm11.0iii)Trenchless installation, Class B sand bedding, Class 5 backfillm10.0iii)Trenchless installation, Class B sand bedding, Class 5 backfillm10.0iii)Trenchless installation, Class B sand bedding, Class 5 backfillm10.0iii)Trenchless installationCW 2110iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	y Ba	у В	Bay - Hillary Bay (S Leg) to Hillary C	rescent				
i)trenchless installation, Class B sand bedding, Class 3 backfillm31.0ii)trenchless installation, Class B sand bedding, Class 5 backfillm71.0a)SD-006each1A. 2Hydrant AssemblyCW 2110eacha)SD-006each1A. 3Watermain ValveCW 2110eacha)150mmCW 2110each1A. 4FittingsCW 2110each1i)150mm - 25° bendeach2ii)150mm - 45° bendeach2a)19mmm10.0bedding, Class 3 backfillm10.0iii)Trenchless installation, Class B sand bedding, Class 3 backfillm5.0a)19mmeach13iii)Trenchless installation, Class B sand bedding, Class 3 backfillm5.0iii)Trenchless installation, Class B sand bedding, Class 5 backfillm5.0iii)Trenchless installation, Class B sand bedding, Class 5 backfillm5.0iii)Trenchless installation, Class B sand bedding, Class 5 backfillm10.0iii)10mmeach13A. 6Corporation StopsCW 2110ia)19mmeach1A. 7Curb Stop BoxesCW 2110ia)19mmeach1A. 9Connection to Existing Watermains and Large Diameter Water ServicesCW 2110ii)	Wate	Wa	atermain Renewal	CW 2110				
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bedding, Class 5 backfill       CW 2110       each         A. 2       Hydrant Assembly       CW 2110       each         a)       SD-006       each       1         A. 3       Watermain Valve       CW 2110       each       1         a)       150mm       CW 2110       each       1         a)       150mm       CW 2110       each       1         a)       Bends (SD-004)       CW 2110       each       2         i)       150mm - 45° bend       each       2       each       2         A. 5       Water Services       CW 2110       m       10.0         a)       19mm       m       5.0       m       5.0         i)       Trenchless installation, Class B sand bedding, Class 5 backfill       m       5.0       m         ii)       Trenchless installation, Class B sand bedding, Class 5 backfill       m       5.0       m         j)       Trenchless installation, Class B sand bedding, Class 5 backfill       m       5.0       m         j)       Trenchless installation, Class B sand bedding, Class 5 backfill       each       13         A. 7       Curb Stops       CW 2110       each       14         a)       19					m	31.0		
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A. 5       Water Services       CW 2110       Image: constant of the services         a)       19mm       m       10.0         i)       Trenchless installation, Class B sand bedding, Class 3 backfill       m       10.0         ii)       Trenchless installation, Class B sand bedding, Class 5 backfill       m       5.0         A. 6       Corporation Stops       CW 2110       Image: constant of the services         a)       19mm       each       13         A. 7       Curb Stops       CW 2110       Image: constant of the services         a)       19mm       each       1         A. 8       Curb Stop Boxes       CW 2110       Image: constant of the services         a)       19mm       each       1         A. 9       Connection to Existing Watermains and Large Diameter Water Services       CW 2110       Imagee: constant of the services         a)       Inline Connection - No Plug Existing       each       1       Imagee: constant of the services         a)       Inline Connection - No Plug Existing       each       2       Imagee: constant of the services         a)       Inline Connection - No Plug Existing       each       2       Imagee: constant of the services         a)       Inline Connect Existing Copper Water					each	2		
a)19mmm10.0i)Trenchless installation, Class B sand bedding, Class 3 backfillm10.0ii)Trenchless installation, Class B sand bedding, Class 5 backfillm5.0A. 6Corporation StopsCW 2110 eachma)19mmeach13A. 7Curb Stops a)CW 2110 19mmeach1A. 8Curb Stop Boxes a)CW 2110 19mmeach1A. 9Connection to Existing Watermains and Large Diameter Water Services a)CW 2110 eachaa)Inline Connection - No Plug Existing i)CW 2110each2A. 10Connect Existing Copper WaterE10E10Each					each	2		
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bedding, Class 5 backfillCW 2110A. 6Corporation StopsCW 2110a)19mmeach13A. 7Curb StopsCW 2110eacha)19mmeach1A. 8Curb Stop BoxesCW 2110eacha)19mmeach1A. 8Curb Stop BoxesCW 2110eacha)19mmCW 2110each1A. 9Connection to Existing Watermains and Large Diameter Water ServicesCW 2110eacha)Inline Connection - No Plug Existingeach2A. 10Connect Existing Copper WaterE10E10					m	10.0		
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A. 7Curb StopsCW 2110eacha)19mmeach1A. 8Curb Stop BoxesCW 2110each1a)19mmCW 2110each1A. 9Connection to Existing Watermains and Large Diameter Water ServicesCW 2110each1a)Inline Connection - No Plug Existing i)Each2each2A. 10Connect Existing Copper WaterE10E10E10E10	Corp	Cor	rporation Stops	CW 2110				
a)19mmeach1A. 8Curb Stop BoxesCW 2110each1a)19mmCW 2110each1A. 9Connection to Existing Watermains and Large Diameter Water ServicesCW 2110Image: Connection - No Plug Existing 150mmEach2A. 10Connect Existing Copper WaterE10Image: Connection - No Plug Existing E10Each2	19mr	19m	mm		each	13		
A. 8Curb Stop BoxesCW 2110a)19mmeachA. 9Connection to Existing Watermains and Large Diameter Water ServicesCW 2110a)Inline Connection - No Plug Existing i)each1A. 10Connect Existing Copper WaterE10	Curb	Cur	rb Stops	CW 2110				
a)19mmA. 9Connection to Existing Watermains and Large Diameter Water ServicesCW 2110a)Inline Connection - No Plug Existing i) 150mmeachA. 10Connect Existing Copper WaterE10	19mr	19n	mm		each	1		
A. 9       Connection to Existing Watermains and Large Diameter Water Services       CW 2110         a)       Inline Connection - No Plug Existing       each       2         i)       150mm       E10       E10	Curb	Cur	rb Stop Boxes	CW 2110				
Large Diameter Water Services       Inline Connection - No Plug Existing         i)       150mm         A. 10       Connect Existing Copper Water	19mr	19n	mm		each	1		
i) 150mm each 2 A. 10 Connect Existing Copper Water E10			5	CW 2110				
A. 10 Connect Existing Copper Water E10	Inline	Inlir	ne Connection - No Plug Existing					
	150m	150	0mm		each	2		
			nnect Existing Copper Water rvices to New Watermains	E10				
a) 19mm each 13	19mr	19m	mm		each	13		
A. 11 10.9 Kilogram Sacrificial Zinc Anodes CW 2110	10.9	10.9	.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a) On Water Services each 1	On W	On	Water Services		each	1		
A. 12 Continuity Bonding CW 2110 each 13	Conti	Cor	ntinuity Bonding	CW 2110	each	13		
A. 13 Partial Slab Patches E6				E6				
a) 150mm reinforced concrete pavement m <sup>2</sup> 5.0	150m	150	0mm reinforced concrete pavement		m <sup>2</sup>	5.0		
A. 14 Concrete Curb Renewal E8	Conc	Cor	ncrete Curb Renewal	E8				
a) Mountable Curb (SD-201) m 5.0	Mour	Μοι	ountable Curb (SD-201)		m	5.0		
Part A - Subtotal					•	P	art A - Subtota	I

(See B10)

UNI	T PR	ICES
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IT	EM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
B. Kirkfield Street - McBey Avenue to Mid-Block North								
<b>в.</b> і В.		Watermain Renewal	CW 2110					
	a)	150mm						
	i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	12.0			
	ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	91.8			
В.	2	Hydrant Assembly	CW 2110					
	a)	SD-006		each	1			
В.	3	Watermain Valve	CW 2110					
	a)	150mm		each	1			
В.	a)	Fittings Bends (SD-004)	CW 2110					
B.		150mm - 45º bend Water Services 19mm	CW 2110	each	2			
	,	Trenchless installation, Class B sand bedding, Class 3 backfill		m	13.0			
	ii)	Trenchless installation, Class B sand bedding, Class 5 backfill		m	7.0			
В.	6	Corporation Stops	CW 2110					
	a)	19mm		each	14			
В.	7	Curb Stops	CW 2110					
	a)	19mm		each	1			
В.	8	Curb Stop Boxes	CW 2110					
	a)	19mm		each	1			
B.	9	Connection to Existing Watermains and Large Diameter Water Services	CW 2110					
	a) i)	Inline Connection - No Plug Existing 150mm		each	2			
В.		Connect Existing Copper Water Services to New Watermains	E10		_			
	a)	19mm		each	19			
В.	,	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110					
	a)	On Water Services		each	1			
В.		Continuity Bonding	CW 2110	each	14.0			
В.	13	Partial Slab Patches	E6					
	a)	150mm reinforced concrete pavement		m <sup>2</sup>	10.0			
В.	14	Miscellaneous Concrete Slab Renewal	E7					
	a)	Sidewalk (SD-228A)		m <sup>2</sup>	5.0			
В.	15	Concrete Curb Renewal	E8					
	a)	Barrier Curb (SD-203A)		m	5.0			
					P	art B - Subtotal	•	

(See B10)

UNI	IT P	RIC	ES
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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C. Silve	er Avenue - Truro Street to Sackville St	reet				
C. 1	Watermain Renewal	CW 2110				
,	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	3.5		
b)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	3.0		
c)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	93.7		
C. 2	Watermain Valve	CW 2110				
a)	150mm		each	1		
b)	250mm		each	2		
C. 3	Fittings	CW 2110				
a)	Tees					
i)	200mm x 200mm x 200mm		each	1		
ii)	250mm x 250mm x 150mm		each	1		
b)	Bends (SD-004)					
	250mm - 45 <sup>°</sup> bend Reducers		each	2		
i)	250mm - 150mm		each	1		
ii)	250mm - 200mm		each	1		
C. 4	Connection to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	Inline Connection - No Plug Existing					
i)	150mm		each	2		
,	200mm		each	1		
,	250mm		each	1		
C. 5	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m <sup>2</sup>	45.0		
C. 6	Miscellaneous Concrete Slab Renewal	E7				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	25.0		
C. 7	Concrete Curb Renewal	E8				
a)	Barrier Curb (SD-203A)		m	5.0		
b)	Modified Barrier Curb (SD-203B)		m	5.0		
c)	Ramp Curb	0101 0 4 4 0	m	5.0		
C. 8	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	11.0		
	1		<u> </u>	L Pa	art C - Subtotal	

(See B10)

# 2019 WATERMAIN RENEWALS - CONTRACT NO. 5

UNIT PRICES

<u>JNIT P</u> ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT	AMOUNT		
		REF.		QUANTITY	PRICE			
D. Madison Street - Ness Avenue to Mid-Block North								
D. 1	Watermain Renewal	CW 2110						
a)	150mm							
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	213.0				
). 2	Hydrant Assembly	CW 2110						
a)	SD-007		each	2				
). 3	Watermain Valve	CW 2110						
a)	150mm		each	2				
). 4	Fittings	CW 2110						
a)	Bends (SD-004)							
i) b)	150mm - 22.5 <sup>°</sup> bend Bends (SD-005)		each	2				
i)	150mm - 22.5° bend		each	2				
). 5	Water Services	CW 2110						
a)	19mm							
i)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	20.5				
ii)	Trenchless installation, Class B sand bedding, Class 5 backfill		m	5.0				
0.6	Corporation Stops	CW 2110						
a)	19mm		each	31				
). 7	Curb Stops	CW 2110						
a)	19mm		each	2				
). 8	Curb Stop Boxes	CW 2110						
a)	19mm		each	2				
0.9	Connection to Existing Watermains and Large Diameter Water Services	CW 2110						
a)	Inline Connection - No Plug Existing							
i)	150mm		each	2				
0. 10	Connect Existing Copper Water Services to New Watermains	E10						
a)	19mm		each	31				
. 11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110						
a)	On Water Services		each	2				
). 12	Continuity Bonding	CW 2110	each	31				
. 13	Partial Slab Patches	E6						
a)	150mm reinforced concrete pavement		m <sup>2</sup>	15.0				
. 14	Miscellaneous Concrete Slab Renewal	E7						
a)	Sidewalk (SD-228A)		m²	20.0				
. 15	Concrete Curb Renewal	E8						
a)	Barrier Curb (SD-203A)		m	10.0				
b)	Ramp Curb		m	5.0				
			•	P	art D - Subtotal	•		

(See B10)

UNIT	PRI	ICES
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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT			
F Garf	E. Garfield Street North - Wellington Avenue to Mid-Block South								
E. 1	Watermain Renewal	CW 2110							
a)	150mm								
i)	trenchless installation, Class B sand		m	5.0					
	bedding, Class 3 backfill								
,	200mm								
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	155.5					
E. 2	Hydrant Assembly	CW 2110							
,	SD-007		each	3					
	Watermain Valve	CW 2110							
,	200mm		each	2					
	Fittings Bends (SD-005)	CW 2110							
i)	200mm - 45 <sup>°</sup> bend		each	2					
b)	Reducers								
i)	200mm - 150mm		each	2					
E. 5	Water Services	CW 2110							
a)	19mm								
i)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	30.0					
E. 6	Corporation Stops	CW 2110							
a)	19mm		each	29					
E. 7	Curb Stops	CW 2110							
a)	19mm		each	2					
E. 8	Curb Stop Boxes	CW 2110							
a)	19mm		each	2					
E. 9	Connection to Existing Watermains and Large Diameter Water Services	CW 2110							
a)	Inline Connection - No Plug Existing								
	150mm		each	2					
E. 10	Connect Existing Copper Water	E10		_					
	Services to New Watermains								
a)	19mm		each	29					
E. 11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110							
a)	On Metallic Watermains		each	1					
b)	On Water Services		each	2					
E. 12	Continuity Bonding	CW 2110	each	29					
E. 13	Partial Slab Patches	E6							
a)	150mm reinforced concrete pavement		m <sup>2</sup>	20.0					
	Miscellaneous Concrete Slab Renewal	E7							
a)	Sidewalk (SD-228A)		m <sup>2</sup>	30.0					
E. 15	Concrete Curb Renewal	E8							
a)	Barrier Curb (SD-203A)		m	10.0					
b)	Ramp Curb		m	5.0					
E. 16	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	3.0					
				P	art E - Subtotal				
				P	art E - Subtotal				

(See B10)

# 2019 WATERMAIN RENEWALS - CONTRACT NO. 5

UNIT PRICES

JNIT P	RICES		-			
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Ar</b> lir	ugton Street - Wolseley Avenue to Mid-E		•			1
. Ann . 1	Watermain Renewal	CW 2110				
a)	150mm	0				
,	trenchless installation, Class B sand bedding, Class 3 backfill		m	36.9		
b)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	21.3		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	147.2		
. 2	Hydrant Assembly	CW 2110				
a)	SD-007		each	2		
. 3	Watermain Valve	CW 2110				
a)	150mm		each	2		
b)	200mm		each	2		
. 4	Fittings	CW 2110				
a)	Tees					
i)	200mm x 200mm x 150mm		each	2		
b)	Bends (SD-004)					
i) c)	150mm - 45° bend Bends (SD-005)		each	2		
i)	150mm - 45° bend		each	4		
d)	Reducers					
i)	200mm - 150mm		each	1		
5. 5	Water Services	CW 2110				
a)	19mm					
i)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	120.0		
ii)	Trenchless installation, Class B sand bedding, Class 5 backfill		m	10.0		
<sup>=</sup> . 6	Corporation Stops	CW 2110				
a)	19mm		each	29		
. 7	Curb Stops	CW 2110				
a)	19mm		each	16		
. 8	Curb Stop Boxes	CW 2110				
a)	19mm		each	16		
. 9	Connection to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	Inline Connection - No Plug Existing					
i)	150mm		each	3		
ii)	200mm		each	1		
. 10	Connect Existing Copper Water Services to New Watermains	E10				
a)	19mm		each	29		
. 11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				

(See B10)

UNIT P	RICES		-				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
a)	On Metallic Watermains		each	3			
b)	On Water Services		each	6			
F. 12	Continuity Bonding	CW 2110	each	19			
F. 13	Partial Slab Patches	E6					
a)	150mm reinforced concrete pavement		m <sup>2</sup>	30.0			
F. 14	Miscellaneous Concrete Slab Renewal	E7					
a)	Sidewalk (SD-228A)		m <sup>2</sup>	70.0			
F. 15	Concrete Curb Renewal	E8					
a)	Barrier Curb (SD-203A)		m	15.0			
b)	Ramp Curb		m	10.0			
F. 16	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	8.0			
	Part F - Subtotal						

(See B10)

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ITEN <b>G. Ma</b> G. 1		REF.	UNIT	O				
	malanal Otra et . O anniala Assance ta Malaa			QUANTITY	PRICE	AMOUNT		
G. 1	G. Maryland Street - Cornish Avenue to Wolseley Avenue							
	Watermain Renewal	CW 2110						
a)	150mm							
	i) trenchless installation, Class B sand bedding, Class 3 backfill		m	21.3				
b)	200mm							
	<ul> <li>i) trenchless installation, Class B sand bedding, Class 3 backfill</li> </ul>		m	146.8				
	i) trenchless installation, Class B sand bedding, Class 5 backfill		m	25.0				
G. 2	Hydrant Assembly	CW 2110						
a)	SD-006		each	2				
G. 3	Watermain Valve	CW 2110						
a)	150mm		each	1				
b)	200mm		each	3				
G. 4	Fittings	CW 2110						
a)	Tees							
	i) 200mm x 200mm x 200mm		each	2				
	i) 200mm x 200mm x 150mm		each	2				
b)	Bends (SD-004)							
c)	i) 200mm - 45° bend Bends (SD-005)		each	2				
	i) 150mm - 45° bend		each	2				
G. 5	Connection to Existing Watermains and Large Diameter Water Services	CW 2110						
a)	Inline Connection - No Plug Existing							
	i) 150mm		each	2				
b)	Perpendicular Connection							
	i) 200mm	0.000	each	1				
G. 6	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110		<u> </u>				
a)	On Metallic Watermains	50	each	3				
G. 7	Partial Slab Patches 150mm reinforced concrete pavement	E6	2	10.0				
a) b)	200mm reinforced concrete pavement		m <sup>2</sup> m <sup>2</sup>	125.0				
G. 8	Miscellaneous Concrete Slab Renewal	E7	<sup>m−</sup>	120.0				
с. с а)	Sidewalk (SD-228A)		m <sup>2</sup>	10.0				
G. 9	Concrete Curb Renewal	E8						
a)	Barrier Curb (SD-203A)	_•	m	15.0				
b)	Ramp Curb		m	5.0				
G. 10	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	30.0				
				P	art G - Subtotal	I		

(See B10)

UNIT	PRI	CES
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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H. Wols	eley Avenue - Maryland Street to Sher	brook Street				
H. 1	Watermain Renewal	CW 2110				
a)	150mm					
	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
b)	200mm					
	trenchless installation, Class B sand bedding, Class 3 backfill		m	89.2		
H. 2	Fittings	CW 2110				
a)	Bends (SD-005)					
i)	150mm - 45° bend		each	2		
b)	Reducers					
i)	200mm - 150mm		each	1		
H. 3	Connection to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	Inline Connection - No Plug Existing					
i)	150mm		each	1		
ii)	200mm		each	1		
H. 4	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m <sup>2</sup>	50.0		
b)	200mm reinforced concrete pavement		m <sup>2</sup>	10.0		
H. 5	Miscellaneous Concrete Slab Renewal	E7				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	5.0		
H. 6	Concrete Curb Renewal	E8				
a)	Barrier Curb (SD-203A)		m	15.0		
H. 7	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	15.0		
				P	art H - Subtotal	

(See B10)

UNI		RICE	S
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UNI		RICES	0050				
ITE	Μ	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
l Br	020	Iway - Donald Street to Smith Street &		o Main			1
I. 1		Watermain Renewal	CW 2110		Slieel		
a		100mm	0112110				
ų	'	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
b	)	150mm					
	'	trenchless installation, Class B sand bedding, Class 3 backfill		m	86.2		
с	;)	200mm					
	í)	trenchless installation, Class B sand bedding, Class 3 backfill		m	13.8		
d	)	250mm					
		trenchless installation, Class B sand bedding, Class 3 backfill		m	220.3		
I. 2	2	Hydrant Assembly	CW 2110				
а		SD-006		each	2		
I. 3	ŝ	Watermain Valve	CW 2110				
а	ı)	150mm		each	5		
b	) )	200mm		each	1		
с	;)	250mm		each	1		
I. 4	Ļ	Fittings	CW 2110				
а	ı)	Tees					
	i)	250mm x 250mm x 150mm		each	5		
b	)	Bends (SD-004)					
	i)	150mm - 45° bend		each	2		
с		250mm - 45º bend Bends (SD-005)		each	3		
	i)	150mm - 45° bend		each	8		
	ii)	200mm - 45° bend		each	4		
d	'	Crosses					
	,	250mm x 200mm x 250mm x 200mm		each	1		
е	,	Reducers					
		150mm - 100mm		each	1		
I. 5		Corporation Stops	CW 2110				
a	'	19mm		each	1		
b	'	38mm		each	2		
c	<i>'</i>	50mm	<b></b>	each	1		
I. 6		Connection to Existing Watermains and Large Diameter Water Services	CW 2110				
а		Inline Connection - No Plug Existing					
	,	100mm		each	1		
		150mm		each	5		
	'	200mm		each	2		
	iv)	250mm		each	4		

(See B10)

UNIT PRICES
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ľ	ГЕМ	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Ι.	7	Connect Existing Copper Water Services to New Watermains	E10				
	a)	19mm		each	1		
	b)	38mm		each	2		
	c)	50mm		each	1		
١.	8	Continuity Bonding	CW 2110	each	4		
١.	9	Partial Slab Patches	E6				
	a)	200mm reinforced concrete pavement		m <sup>2</sup>	250.0		
	b)	200mm reinforced concrete pavement for early opening (24 hours)		m²	50.0		
١.	10	Miscellaneous Concrete Slab Renewal	E7				
	a)	Sidewalk (SD-228A)		m <sup>2</sup>	5.0		
١.	11	Concrete Curb Renewal	E8				
	a)	Barrier Curb (SD-203A)		m	10.0		
	b)	Monolithic Concrete Spash Strip (SD- 223A)			20.0		
	c)	Ramp Curb		m	5.0		
I.	12	Regrading Existing Interlocking Paving Stone Installations	CW 3330	m²	70.0		
I.	13	Adjustment of Precast Sidewalk Blocks	E11	m <sup>2</sup>	15.0		
Ι.	14	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	75.0		
				-	I	Part I - Subtotal	

(See B10)

### 2019 WATERMAIN RENEWALS - CONTRACT NO. 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
. Prov	risional Items					
. 1	Cement Stabilized Fill	CW 2030	m <sup>3</sup>	10.0		
. 2	Watermain Valve	CW 2110				
a)	100mm		each	1		
. 3	New Watermain Valve on Existing	CW 2110	Cuon			
. 0	Watermain	0112110				
a)	150mm		each	1		
b)	200mm		each	1		
c)	250mm		each	1		
. 4	Fittings	CW 2110	each	1		
	-	CVV 2110				
a)	Bends (SD-005)		h	1		
	100mm - 45° bend		each	1		
	250mm - 45° bend	014/04/40	each	1		
. 5	Water Service	CW 2110				
	25mm			10.0		
1)	trenchless installation, Class B sand		m	10.0		
	bedding, Class 3 backfill					
ii)	trenchless installation, Class B sand		m	10.0		
	bedding, Class 5 backfill					
b)	38mm					
i)	trenchless installation, Class B sand		m	10.0		
	bedding, Class 3 backfill					
ii)	trenchless installation, Class B sand		m	10.0		
	bedding, Class 5 backfill					
c)	50mm					
i)	trenchless installation, Class B sand		m	10.0		
	bedding, Class 3 backfill					
ii)	trenchless installation, Class B sand		m	10.0		
	bedding, Class 5 backfill					
. 6	Corporation Stops	CW 2110				
a)	25mm		each	1		
. 7	Curb Stops	CW 2110				
a)	25mm		each	1		
b)	38mm		each	1		
c)	50mm		each	1		
. 8	Curb Stop Boxes	CW 2110				
a)	25mm		each	1		
b)	38mm		each	1		
c)	50mm		each	1		
. 9	Watermain and Water Service	CW 2110				
. 0	Insulation					
a)	In a Trench (SD-018)					
,	75mm Thick		m	10		
,	Connecting Existing Copper Water	E10		10		

(See B10)

UNIT P	RICES					
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	25mm		each	1		
J. 11	Drainage Connection Pipe	CW 2130				
a)	200mm		m	5		
b)	250mm		m	5		
J. 12	Regrading Existing Sewer Service – Up to 1.5 Metres Long	CW 2130				
a)	100mm - Class 3 Backfill		each	1		
b)	150mm - Class 3 Backfill		each	1		
c)	200mm - Class 3 Backfill		each	1		
d)	250mm - Class 3 Backfill		each	1		
J. 13	Maintaining Curb Stop Excavations	CW 2110	each/ day	60		
J. 14	Street Light Cable	E12				
a)	Trenching		m	50		
b)	Coring of HDPE Conduit		m	50		
J. 15	Supply and Install Detectable Warning Surface Tiles	CW 3326				
a)	610mm x 1220mm tiles		each	1		
J. 16	Adjustment of Precast Sidewalk Blocks	CW 3235	m²	15.0		
J. 17	Sodding	CW 3510	m²	50.0		
			1	F	Part J - Subtotal	
TOTAL	BID PRICE (GST extra) (in numbers) \$					
					Name of Bidder	

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

(Page 1 of 2) (See B14)

#### **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. 244-2019

2019 WATERMAIN RENEWALS - CONTRACT NO. 5

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:

(Witness as to Principal if no seal)

(Name of Principal)		<u> </u>
Per:		(Seal)
Per:		
(Name of Surety)		
By:	(	(Seal)

\_\_\_\_\_ of

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

(Page 2 of 2) (See B14)

### 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. 244-2019** 

2019 WATERMAIN RENEWALS - CONTRACT NO. 5 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 forty-five (45) 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)