### FORM A: BID (See B9)

1.	Contract Title	2014 WATERMAIN RE	NEWALS CONTRACT 2	
2.	Bidder			
		Name of Bidder		
		Usual Business Name of Bide	der 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	applicable)	
	(Choose one)	The Bidder is:		
		a sole proprietor		
		a partnership		
		a corporation		
		carrying on business ur	nder the above name.	
3.	Contact Person	The Bidder hereby aut the Bidder for purposes	norizes the following contact pe of the Bid.	erson to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Definitions	All capitalized terms ascribed to them in the	used in the Contract shall ha General Conditions.	ve 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 B12.1, the Bidder encloses bid security in the form of:
	(Choose one)	a bid bond (Form G1: Bid Bond and Agreement to Bond)
		an irrevocable standby letter of credit (Form G2: Irrevocable Standby Letter of Credit and Undertaking)
		a certified cheque or draft
		and agrees that it shall be held by the City in accordance with the Contract.
7.	Execution of Contract	The Bidder agrees to execute and return the Contract no later than seven (7) Calendar Days after receipt of the Contract, in the manner specified in C4.
8.	Commencement of the Work	The Bidder agrees that no Work shall commence until he/she is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.
9.	Contract	The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.
10.	Addenda	The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:
		No Dated
11.	Time	This offer shall be open for acceptance, binding and irrevocable for a period of forty-five (45) Calendar Days following the Submission Deadline.

12.	Signatures	The Bidder or the Bidder's authorized official or officials have signed this
		, day of, 20
		Signature of Bidder or Bidder's Authorized Official or Officials
		(Print here name and official capacity of individual whose signature appears above)
		(Print here name and official capacity of individual whose signature appears above)

### 2014 WATERMAIN RENEWALS - CONTRACT NO. 2

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>A</u>	Elm Park Road					
A. 1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	215.0		
A. 2	Hydrant Assembly	CW 2110				
a)	SD-007		each	3		
A. 3	Watermain Valve	CW 2110				
a)	150mm		each	2		
A. 4	Fittings	CW 2110				
a)	Tees					
i)	150mm X 150mm X 150mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 45°		each	2		
A. 5	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	20.0		
A. 6	Corporation Stops	CW 2110				
a)	19mm		each	25		
A. 7	Curb Stops	CW 2110				
a)	19mm		each	1		
A. 8	Curb Stop Boxes	CW 2110				
a)	19mm		each	1		
A. 9	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	25		
A. 10	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	1		
b)	Perpendicular connection					
i)	150mm		each	1		
A. 11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	16		
b)	On Metallic Watermains		each	3		
A. 12	Continuity Bonding	CW 2110	each	10		
A. 13	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m²	70.0		

### 2014 WATERMAIN RENEWALS - CONTRACT NO. 2

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A. 14	Miscellaneous Concrete Slab Renewal	CW 3235		QUANTITI	TRIOL	
a)	Sidewalk (SD-228A)	011 0200				
i)	Less than 5 m <sup>2</sup>		m²	160.0		
· · ·	Concrete Curb Renewal	CW 3240				
a)	Barrier curb (SD-204)					
i)	Less than 3 m		m	55.0		
b)	Lip curb & gutter					
i)			m	10.0		
<u>A</u>	Subtotal Section A - Elm Park Road					
	Newark Road					
B. 1	Watermain Renewal	CW 2110				
a)	300mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
b)	150mm					
i)	trenchless installation, Class B sand bedding, Class 5 backfill		m	200.0		
B. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	2		
B. 3	Watermain Valve	CW 2110				
a)	150mm		each	4		
B. 4	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	150mm - 11 1/4°		each	4		
ii)	150mm - 22 1/2°		each	1		
iii)	150mm - 45°		each	2		
b)	Crosses					
i)	300mm X 300mm X 150mm X 150mm		each	1		
B. 5	Corporation Stops	CW 2110				
a)	19mm		each	19		
B. 6	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	19		
B. 7	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	300mm		each	2		
ii)	150mm		each	2		

### 2014 WATERMAIN RENEWALS - CONTRACT NO. 2

11	UNITP	RICES			4000000		1
a) On Metallic Watermains B. 9 Continuity Bonding B. 10 Partial Slab Patches B. 150mm reinforced concrete pavement b) 200mm reinforced concrete pavement B. 11 Miscellaneous Concrete Slab Renewal a) Sidewalk (SD-228A) i) Less than 5 m² Concrete Curb Renewal Barrier curb (SD-204) i) Less than 3 m	ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B. 9   Continuity Bonding	B. 8	1	CW 2110				
B. 10	a)	On Metallic Watermains		each	1		
a) 150mm reinforced concrete pavement b) 200mm reinforced concrete pavement B. 11 Miscellaneous Concrete Slab Renewal Sidewalk (SD-228A) i) Less than 5 m²	B. 9	Continuity Bonding	CW 2110	each	19		
pavement b) 200mm reinforced concrete pavement  B. 11 Miscellaneous Concrete Slab Renewal a) Sidewalk (SD-228A) i) Less than 5 m² m² 5.0  B. 12 Concrete Curb Renewal a) Barrier curb (SD-204) i) Less than 3 m m 5.0 b) Lip curb & gutter i) Less than 3 m m 20.0  B Subtotal Section B - Newark Road C Watt Street Watermain Renewal a) 250mm i) trenchless installation, Class B sand bedding, Class 3 backfill b) 200mm i) trenchless installation, Class B sand bedding, Class 1 backfill ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm i) trenchless installation, Class B sand bedding, Class 1 backfill c) 150mm i) trenchless installation, Class B sand bedding, Class 1 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 1 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 1 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 1 backfill c) 4 Hydrant Assembly CW 2110 a) SD-007 C. 3 Watermain Valve CW 2110	B. 10	Partial Slab Patches	E6				
B. 11 a) Miscellaneous Concrete Slab Renewal Sidewalk (SD-228A) i) Less than 5 m² B. 12 Concrete Curb Renewal a) Barrier curb (SD-204) i) Less than 3 m b) Lip curb & gutter i) Less than 3 m b) Lip curb & gutter i) Less than 3 m CC C Watt Street C. 1 a) Watermain Renewal a) 250mm i) trenchless installation, Class B sand bedding, Class 3 backfill b) 200mm i) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm i) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm i) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii trenchless installation, Class B sand bedding, Class 3 backfill c) 60mm iii trenchless installation, Class B sand bedding, Class 3 backfill c) 60mm iii trenchless installation, Class B sand bedding, Class 3 backfill	a)			m²	20.0		
a) Sidewalk (SD-228A) i) Less than 5 m²  B. 12 Concrete Curb Renewal a) Barrier curb (SD-204) i) Less than 3 m b) Lip curb & gutter i) Less than 3 m color beta for incomplete the street with	b)			m²	20.0		
i) Less than 5 m² Concrete Curb Renewal Barrier curb (SD-204) i) Less than 3 m m 5.0 b) Lip curb & gutter Less than 3 m m 20.0  B Subtotal Section B - Newark Road C Watt Street C. 1 Watermain Renewal 250mm i) trenchless installation, Class B sand bedding, Class 3 backfill b) 200mm i) trenchless installation, Class B sand bedding, Class 3 backfill ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 3 backfill iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm ii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 3 backfill iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 1 backfill	B. 11	Miscellaneous Concrete Slab Renewal	CW 3235				
B. 12	a)	Sidewalk (SD-228A)					
a) Barrier curb (SD-204) i) Less than 3 m b) Lip curb & gutter j) Less than 3 m m 20.0  B Subtotal Section B - Newark Road  C Watt Street Watermain Renewal 250mm i) trenchless installation, Class B sand bedding, Class 3 backfill b) 200mm i) trenchless installation, Class B sand bedding, Class 1 backfill ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm i) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 1 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 1 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 250mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 250mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 250mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 250mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 250mm iii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 250mm iii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 250mm iiii) trenchless installation, Class B sand bedding, Class 1 backfill iiii) trenchless installation, Class B sand bedding, Class 3 backfill c) 250mm iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	i)	Less than 5 m <sup>2</sup>		m²	5.0		
i) Less than 3 m Lip curb & gutter i) Less than 3 m Lip curb & gutter i) Less than 3 m  B Subtotal Section B - Newark Road C Watt Street Watermain Renewal 250mm i) trenchless installation, Class B sand bedding, Class 3 backfill b) 200mm i) trenchless installation, Class B sand bedding, Class 1 backfill ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm i) trenchless installation, Class B sand bedding, Class 1 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 1 backfill ii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 3 backfill C. 2 Hydrant Assembly a) SD-007 C. 3 Watermain Valve CW 2110	B. 12	Concrete Curb Renewal	CW 3240				
b) Lip curb & gutter Less than 3 m  B Subtotal Section B - Newark Road  C Watt Street C. 1 Watermain Renewal 250mm i) trenchless installation, Class B sand bedding, Class 1 backfill ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 1 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 1 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 1 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 1 backfill c) 450mm iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 450mm c) 450mm c) 550mm c) 650mm c) 650mm c) 650mm c) 750mm c) 750mm c) 850mm c) 850mm c) 850mm c) 850mm c) 850mm c) 960mm c) 970mm c) 980mm c) 98	a)	Barrier curb (SD-204)					
i) Less than 3 m m 20.0  B Subtotal Section B - Newark Road  C Watt Street  C. 1 Watermain Renewal 250mm i) trenchless installation, Class B sand bedding, Class 3 backfill ii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm i) trenchless installation, Class B sand bedding, Class 1 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 3 backfill iii) trenchless installation, Class B sand bedding, Class 3 backfill C. 2 Hydrant Assembly a) SD-007 C. 3 Watermain Valve  CW 2110	i)	Less than 3 m		m	5.0		
B Subtotal Section B - Newark Road  C Watt Street C. 1 Watermain Renewal	b)	Lip curb & gutter					
C. 1 a) Watermain Renewal 250mm i) trenchless installation, Class B sand bedding, Class 1 backfill ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm i) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 1 backfill c) 150mm ii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 3 backfill C. 2 Hydrant Assembly CW 2110 a) SD-007 C. 3 Watermain Valve  CW 2110	i)	Less than 3 m		m	20.0		
C. 1 a) Watermain Renewal 250mm trenchless installation, Class B sand bedding, Class 3 backfill b) 200mm i) trenchless installation, Class B sand bedding, Class 1 backfill ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm i) trenchless installation, Class B sand bedding, Class 1 backfill ii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 3 backfill C. 2 Hydrant Assembly a) SD-007 C. 3 Watermain Valve  CW 2110  m 10.0 m 45.0 m 225.0 m 5.0 cw 2110 cw 2110 cw 2110 cw 2110 cw 2110	<u>B</u>	Subtotal Section B - Newark Road					
a) 250mm trenchless installation, Class B sand bedding, Class 3 backfill  b) 200mm i) trenchless installation, Class B sand bedding, Class 1 backfill ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm i) trenchless installation, Class B sand bedding, Class 1 backfill ii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 3 backfill C. 2 Hydrant Assembly a) SD-007 C. 3 Watermain Valve  m 10.0  m 45.0  m 55.0  c 225.0  m 55.0  m 55.0  c 24110  each 1		Watt Street					
i) trenchless installation, Class B sand bedding, Class 3 backfill 200mm i) trenchless installation, Class B sand bedding, Class 1 backfill ii) trenchless installation, Class B sand bedding, Class 3 backfill c) 150mm i) trenchless installation, Class B sand bedding, Class 1 backfill ii) trenchless installation, Class B sand bedding, Class 1 backfill iii) trenchless installation, Class B sand bedding, Class 3 backfill C. 2 Hydrant Assembly a) SD-007 C. 3 Watermain Valve  m 10.0  m 45.0  m 55.0  c 225.0  m 55.0  m 55.0  c 24110  each 1	C. 1	Watermain Renewal	CW 2110				
bedding, Class 3 backfill  b) 200mm  i) trenchless installation, Class B sand bedding, Class 1 backfill  ii) trenchless installation, Class B sand bedding, Class 3 backfill  c) 150mm  i) trenchless installation, Class B sand bedding, Class 1 backfill  ii) trenchless installation, Class B sand bedding, Class 1 backfill  iii) trenchless installation, Class B sand bedding, Class 3 backfill  C. 2 Hydrant Assembly  a) SD-007  C. 3 Watermain Valve   m 45.0  m 5.0  cw 2110  cw 2110  each 1	a)	250mm					
i) trenchless installation, Class B sand bedding, Class 1 backfill  ii) trenchless installation, Class B sand bedding, Class 3 backfill  c) 150mm  i) trenchless installation, Class B sand bedding, Class 1 backfill  ii) trenchless installation, Class B sand bedding, Class 1 backfill  ii) trenchless installation, Class B sand bedding, Class 3 backfill  C. 2 Hydrant Assembly  CW 2110  a) SD-007  C. 3 Watermain Valve  m 45.0  m 55.0  c 225.0  m 55.0  c 24110  c 24110	i)			m	10.0		
bedding, Class 1 backfill  ii) trenchless installation, Class B sand bedding, Class 3 backfill  c) 150mm  i) trenchless installation, Class B sand bedding, Class 1 backfill  ii) trenchless installation, Class B sand bedding, Class 3 backfill  C. 2 Hydrant Assembly  a) SD-007  C. 3 Watermain Valve  m 225.0  m 5.0  c 225.0  m 55.0  c 246.0  c 247.0  c 2	b)	200mm					
bedding, Class 3 backfill  c) 150mm  i) trenchless installation, Class B sand bedding, Class 1 backfill  ii) trenchless installation, Class B sand bedding, Class 3 backfill  C. 2 Hydrant Assembly  a) SD-007  C. 3 Watermain Valve  bedding, Class 3 backfill  m 55.0  CW 2110  each 1	i)			m	45.0		
i) trenchless installation, Class B sand bedding, Class 1 backfill ii) trenchless installation, Class B sand bedding, Class 3 backfill  C. 2 Hydrant Assembly a) SD-007 C. 3 Watermain Valve  m 55.0  m 55.0  CW 2110  each 1	ii)	•		m	225.0		
bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill  C. 2 Hydrant Assembly a) SD-007 C. 3 Watermain Valve  bedding, Class 1 backfill  CW 2110  each 1  CW 2110	c)	150mm					
bedding, Class 3 backfill C. 2 Hydrant Assembly CW 2110 a) SD-007 C. 3 Watermain Valve  CW 2110  each 1  CW 2110	i)			m	5.0		
C. 2 Hydrant Assembly a) SD-007 C. 3 Watermain Valve  CW 2110 each 1  CW 2110	ii)			m	55.0		
a) SD-007 C. 3 Watermain Valve CW 2110	C. 2	_	CW 2110				
C. 3 Watermain Valve CW 2110	a)	SD-007		each	1		
a)   250mm   ach   1	C. 3		CW 2110				
	a)	250mm		each	1		
b) 200mm each 6	b)			each	6		
	c)	150mm		each	3		

### 2014 WATERMAIN RENEWALS - CONTRACT NO. 2

TEM	
a) Tees i) 200mm X 200mm X 200mm each ii) 200mm X 200mm X 150mm b) Bends (SD-004) i) 200mm - 45° each ii) 200mm - 22 1/2° each iii) 150mm - 45° each c) Bends (SD-005)	
i) 200mm X 200mm X 200mm ii) 200mm X 200mm X 150mm b) Bends (SD-004) i) 200mm - 45° ii) 200mm - 22 1/2° iii) 150mm - 45° c) Bends (SD-005)	
ii)       200mm X 200mm X 150mm       each       1         b)       Bends (SD-004)       each       2         i)       200mm - 45°       each       2         iii)       200mm - 22 1/2°       each       2         iii)       150mm - 45°       each       8         c)       Bends (SD-005)       8	
b) Bends (SD-004) i) 200mm - 45° ii) 200mm - 22 1/2° iii) 150mm - 45° c) Bends (SD-005) each 2 each 2 each 8	
i) 200mm - 45° each 2 ii) 200mm - 22 1/2° each 2 iii) 150mm - 45° each 8	
ii) 200mm - 22 1/2° each 2 iii) 150mm - 45° each 8 c) Bends (SD-005)	
iii) 150mm - 45° each 8 c) Bends (SD-005)	
c) Bends (SD-005)	
i)  200mm - 45°     each   4	
ii) 150mm - 45° each 2	
d) Crosses	
i) 250mm X 250mm X 200mm X each 1 200mm	
ii) 200mm x 200mm X 150mm X each 2 150mm	
e) Reducers	
i) 200mm - 150mm each 2	
C. 5 Watermain and Water Service CW 2110 Insulation	
a) In a trench (SD - 018)	
i) 100mm thick m 7.0	
C. 6 Water Services CW 2110	
a) 19mm	
i) trenchless installation, Class B sand m 10.0 bedding, Class 3 backfill	
C. 7 Corporation Stops CW 2110	
a) 25mm each 1	
b) 19mm each 2	
C. 8 Curb Stop Boxes CW 2110	
a) 19mm each 1	
C. 9 10.9 Kilogram Sacrificial Zinc Anodes CW 2110	
a) On Metallic Watermains each 3	
b) On Water Services each 3	
C. 10 Continuity Bonding CW 2110 each 1	
C. 11 Connecting to Existing Watermains and Large Diameter Water Services	
a) In-line connection - no plug existing	
i) 150mm each 7	
ii) 200mm each 1	
iii) 250mm each 2	

### 2014 WATERMAIN RENEWALS - CONTRACT NO. 2

UNITP	RICES	1		1		
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C. 12	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	2		
b)	25mm		each	1		
C. 13	Remove and Replace Existing Catch Basin	CW 2130				
a)	SD-024		each	1		
C. 14	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m²	35.0		
b)	200mm reinforced concrete pavement		m²	100.0		
c)	200mm reinforced concrete pavement for early opening (24 hours)		m²	25.0		
C. 15	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	Sidewalk (SD-228A)					
i)	Less than 5 m <sup>2</sup>		m²	210.0		
C. 16	Concrete Curb Renewal	CW 3240				
a)	Barrier curb (SD-204)					
i)	Less than 3 m		m	65.0		
b)	Ramp curb					
i)	Less than 3 m		m	15.0		
C. 17	Construction of Asphaltic Concrete Patches Type 1A	CW 3410	m²	145.0		
C. 18	Curb Stops	CW 2110				
a)	19mm		each	1		
<u>U</u>	Subtotal Section C - Watt Street					
<u>D</u>	Harbison Avenue West					
D. 1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	390.0		
D. 2	Hydrant Assembly	CW 2110				
a)	SD-007		each	4		
D. 3	Watermain Valve	CW 2110				
a)	150mm		each	3		
D. 4	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	150mm - 45°		each	2		

### 2014 WATERMAIN RENEWALS - CONTRACT NO. 2

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D. 5	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	200.0		
D. 6	Corporation Stops	CW 2110				
a)	19mm		each	76		
D. 7	Curb Stops	CW 2110				
a)	19mm		each	38		
D. 8	Curb Stop Boxes	CW 2110				
a)	19mm		each	38		
D. 9	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	76		
D. 10	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	2		
D. 11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	73		
D. 12	Continuity Bonding	CW 2110	each	21		
<u>D</u>	Subtotal Section D - Harbison					
<u>E</u>	Ottawa Avenue					
E. 1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	180.0		
E. 2	Hydrant Assembly	CW 2110				
a)	SD-007		each	3		
E. 3	Watermain Valve	CW 2110				
a)	150mm		each	4		
E. 4	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	150mm - 45°		each	4		
E. 5	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	88.0		
E. 6	Corporation Stops	CW 2110				
a)	19mm		each	28		
E. 7	Curb Stops	CW 2110				

### 2014 WATERMAIN RENEWALS - CONTRACT NO. 2

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E. 8	Curb Stop Boxes	CW 2110		QUANTIT	FINICE	
a)	19mm	011 2110	each	10		
E. 9	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	28		
E. 10	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	2		
E. 11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	26		
E. 12	Continuity Bonding	CW 2110	each	7		
E. 13	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m²	45.0		
E. 14	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	Sidewalk (SD-228A)					
i)	Less than 5 m <sup>2</sup>		m²	75.0		
E. 15	Concrete Curb Renewal	CW 3240				
a)	Barrier curb (SD-204)					
i)	Less than 3 m		m	30.0		
b)	Ramp curb					
i)	Less than 3 m		m	5.0		
E. 16	Construction of Asphaltic Concrete Patches Type 1A	CW 3410	m²	45.0		
E. 17	Remove and Replace Existing Catch Basin	CW 2130				
a)	SD-024		each	1		
E	Subtotal Section E - Ottawa Avenue					
<u>F</u>	Roch Street					
F. 1	Watermain Renewal	CW 2110				
a)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	30.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	50.0		

### 2014 WATERMAIN RENEWALS - CONTRACT NO. 2

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F. 2	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	250mm - 45°		each	1		
b)	Crosses					
i)	250mm X 250mm X 150mm X 150mm		each	1		
c)	Plugs					
i)	250mm		each	1		
F. 3	Corporation Stops	CW 2110				
a)	19mm		each	2		
F. 4	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	2		
F. 5	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	250mm		each	1		
F. 6	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2		
F. 7	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m²	20.0		
F. 8	Construction of Asphaltic Concrete Patches Type 1A	CW 3410	m²	20.0		
<u>F</u>	Subtotal Section F - Roch Street					
<u>G</u>	Woodvale Street					
G. 1	Watermain Renewal	CW 2110				
a)	200mm					
i)	trenchless installation, Class B sand bedding, Class 5 backfill		m	175.0		
b) i)	200mm Pre-Insulated 50 mm Thick trenchless installation, Class B sand bedding, Class 5 backfill		m	30.0		
c)	150mm					
i)	trenchless installation, Class B sand bedding, Class 5 backfill		m	60.0		
	150mm Pre-Insulated 50 mm Thick			15.0		
d) i)			m	13.0		
	trenchless installation, Class B sand	CW 2110	m	13.0		

### 2014 WATERMAIN RENEWALS - CONTRACT NO. 2

UNIT P		CDEC DEE	LINUT	APPROX.	UNIT	AMOUNT
ITEM	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	PRICE	AMOUNT
G. 3	Watermain Valve	CW 2110	-	_		
a)	200mm		each	4		
b)	150mm	0.4	each	3		
G. 4	Fittings	CW 2110				
a) .,	Tees			_		
i)	200mm X 200mm X 200mm		each	1		
ii)	200mm X 200mm X 150mm		each	1		
p)	Bends (SD-004)					
i)	200mm - 11 1/4°		each	1		
ii)	200mm - 45° 150mm - 45°		each	1		
iii)			each	12		
c) i)	Bends (SD-005) 200mm - 45°		each	6		
ii)	150mm - 45°		each	4		
d)			eacii	4		
i)	Crosses 200mm x 200mm X 200mm X		each	1		
"	200mm		eacii	'		
e)	Reducers					
i)	200mm - 150mm		each	5		
G. 5	Corporation Stops	CW 2110				
a)	19mm		each	6		
b)	50mm		each	2		
G. 6	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	6		
b)	50mm		each	2		
G. 7	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	6		
G. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	5		
b)	On Water Services		each	8		
G. 9	Watermain and Water Service Insulation	CW 2110				
a)	In a trench (SD - 018)					
i)	100mm thick		m	5.0		
G. 10	Remove and Replace Existing Catch Basin	CW 2130				
a)	SD-024		each	3		

### 2014 WATERMAIN RENEWALS - CONTRACT NO. 2

RICES			∧ DDD O V	LINIT	
DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	PRICE	AMOUNT
Partial Slab Patches	E6				
150mm reinforced concrete pavement		m²	70.0		
Miscellaneous Concrete Slab Renewal	CW 3235				
Sidewalk (SD-228A)					
Less than 5 m <sup>2</sup>		m²	25.0		
Concrete Curb Renewal	CW 3240				
Barrier curb (SD-204)					
Less than 3 m		m	60.0		
Construction of Asphaltic Concrete	CW 3410	m²	20.0		
7-7					
			<del>,</del>		
	CW 2110				
trenchless installation, Class B sand bedding, Class 5 backfill		m	25.0		
New Watermain Valve on Existing Watermain	CW 2110				
250mm		each	1		
150mm		each	1		
Corporation Stops	CW 2110				
38mm		each	1		
Curb Stops	CW 2110				
38mm		each	1		
Curb Stop Boxes	CW 2110				
38mm		each	1		
Fittings	CW 2110				
Plugs					
150mm		each	1		
10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
On 38 Copper Watermains		each	2		
Connecting Existing Copper Water Services to New Watermains	CW 2110				
38mm		each	1		
Partial Slab Patches	E6				
150mm reinforced concrete pavement		m²	10.0		
	Partial Slab Patches     150mm reinforced concrete     pavement Miscellaneous Concrete Slab Renewal     Sidewalk (SD-228A)     Less than 5 m² Concrete Curb Renewal     Barrier curb (SD-204)     Less than 3 m Construction of Asphaltic Concrete Patches Type 1A  Subtotal Section G - Woodvale Street  Corton Place Watermain Renewal     38mm     trenchless installation, Class B sand     bedding, Class 5 backfill New Watermain Valve on Existing Watermain     250mm     150mm Corporation Stops     38mm Curb Stops     38mm Curb Stop Boxes     38mm Fittings Plugs     150mm 10.9 Kilogram Sacrificial Zinc Anodes     On 38 Copper Watermains Connecting Existing Copper Water Services to New Watermains     38mm Partial Slab Patches     150mm reinforced concrete	Partial Slab Patches 150mm reinforced concrete pavement Miscellaneous Concrete Slab Renewal Sidewalk (SD-228A) Less than 5 m² Concrete Curb Renewal Barrier curb (SD-204) Less than 3 m Construction of Asphaltic Concrete Patches Type 1A  Subtotal Section G - Woodvale Street  Corton Place Watermain Renewal 38mm trenchless installation, Class B sand bedding, Class 5 backfill New Watermain Valve on Existing Watermain 250mm 150mm Corporation Stops 38mm Curb Stops 38mm Curb Stops 38mm Fittings Plugs 150mm 10.9 Kilogram Sacrificial Zinc Anodes On 38 Copper Watermains Connecting Existing Copper Water Services to New Watermains 38mm Partial Slab Patches 150mm reinforced concrete	Partial Slab Patches 150mm reinforced concrete pavement Miscellaneous Concrete Slab Renewal Sidewalk (SD-228A) Less than 5 m² Concrete Curb Renewal Barrier curb (SD-204) Less than 3 m Construction of Asphaltic Concrete Patches Type 1A  Subtotal Section G - Woodvale Street  Corton Place Watermain Renewal 38mm trenchless installation, Class B sand bedding, Class 5 backfill New Watermain Valve on Existing Watermain 250mm 150mm Corporation Stops 38mm Curb Stops 38mm Curb Stop Boxes 400 2110 600 22110 600 600 600 600 600 600 600 600 600 60	Partial Slab Patches	DESCRIPTION

### 2014 WATERMAIN RENEWALS - CONTRACT NO. 2

	DESCRIPTION	SDEC DEE	LINUT	APPROX.	UNIT	AMOUNT
ITEM	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	PRICE	AMOUNT
H. 10	Concrete Curb Renewal	CW 3240				
a)	Lip curb & gutter					
i)			m	5.0		
<u>H</u>	Subtotal Section H - Corton Place			I		
<u> </u>	Briar Del Place	0111 0110				
l. 1	Watermain Renewal	CW 2110				
a) .,	150mm			<b>5</b> 0		
i)	trenchless installation, Class B sand bedding, Class 5 backfill		m	5.0		
b)	38mm					
i)	trenchless installation, Class B sand bedding, Class 5 backfill		m	25.0		
I. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	1		
l. 3	Watermain Valve	CW 2110				
a)	150mm		each	1		
l. 4	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	2		
l. 5	New Watermain Valve on Existing Watermain	CW 2110				
a)	250mm		each	1		
I. 6	Corporation Stops	CW 2110				
a)	38mm		each	1		
I. 7	Curb Stops	CW 2110				
a)	38mm		each	1		
I. 8	Curb Stop Boxes	CW 2110				
a)	38mm		each	1		
I. 9	Fittings	CW 2110				
a)	Plugs					
i)	150mm		each	1		
I. 10	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On 38 Copper Watermains		each	2		
l. 11	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	38mm		each	1		
l. 12	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m²	10.0		

### 2014 WATERMAIN RENEWALS - CONTRACT NO. 2

CIVITI	RICES I	1		ADDDOX	1 18117	
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I. 13	Concrete Curb Renewal	CW 3240				
a)	Lip curb & gutter					
i)			m	5.0		
<u> </u>	Subtotal Section I - Briar Del Place					
<u>J</u>	Riel Avenue					
J. 1	New Hydrant Assembly on Existing Watermain	CW 2110				
a)	SD-006		each	1		
<u>J</u>	Subtotal Section J - Riel Avenue					
<u>K</u>	Provisional Items					
K. 1	Granular Backfill Material	CW 2030	$m^3$	60.0		
K. 2	Cement Stabilized Fill	CW 2030	$m^3$	25.0		
K. 3	Regrading Existing Interlocking Paving Stone Installations	CW 3330	m²	10.0		
K. 4	Adjustment of Precast Sidewalk Blocks	CW 3235	m²	10.0		
K. 5	Sodding	CW 3510	$m^2$	40.0		
K. 6	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	150mm - 11 1/4°		each	2		
ii)	200mm - 11 1/4°		each	2		
b)	Bends (SD-005)					
i)	150mm - 22.5°		each	2		
ii)	200mm - 22.5°		each	2		
iii)	250mm - 45°		each	2		
iv)	300mm - 45°		each	2		
K. 7	Water Services	CW 2110				
a)	25mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	10.0		
b)	38mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	10.0		
c)	50mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	10.0		
K. 8	Corporation Stops	CW 2110				
a)	38mm		each	2		
K. 9	Curb Stops	CW 2110				
a)	25mm		each	2		
b)	38mm		each	2		
c)	50mm		each	2		
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### 2014 WATERMAIN RENEWALS - CONTRACT NO. 2

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K. 10	Curb Stop Boxes	CW 2110				
a)	25mm		each	2		
b)	38mm		each	2		
c)	50mm		each	2		
K. 11	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	25mm		each	2		
b)	38mm		each	2		
c)	50mm		each	2		
K. 12	Regrading of Existing Sewer Service - Up to 1.5 metres Long	CW 2110				
a)	100mm		each	5		
b)	150mm		each	5		
c)	200mm		each	5		
d)	250mm		each	5		
K. 13	Temporary Surface Restorations	E9	$m^2$	50		
K. 14	Watermains Installed with Oil and Gas Resistant Gaskets - Surcharge	E10	lin m	60		
K. 15	Disposal of Hydrocarbon Contaminated Soil	E11	$m^3$	50		
K. 16	Maintaining Curb Stop Excavations	CW 2110	each/ day	100		
<u>K</u>	Subtotal Section K - Provisional					
TOTAL	BID PRICE (GST extra) (in figures) \$					

Name of Bidder	

(Seal)

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

(Page 1 of 2) (See B12)

### **BID BOND**

KNOW ALL MEN BY THESE PRESENTS THAT					
(hereinafter called the "Principal") and					
called the "Obligee") in the sum of ten pe described, for the payment of which sum t	and firmly bound unto <b>THE CITY OF WINNIPEG</b> reent (10%) of the Total Bid Price set out in the Bithe Principal and Surety bind themselves, their heir intly and severally, firmly by these presents.	d hereinafter			
WHEREAS the Principal has submitted a E	Bid to the Obligee for				
BID OPPORTUNITY NO. 270-2014 Adden	dum 1				
2014 WATERMAIN RENEWALS CONTRA	ACT 2				
as more fully set out in the Bid Opportunity					
if said Bid is accepted and the Principal, in the said Obligee and furnishes the required	oligation is such that if the Bid of the Principal is not accordance with the terms of the Bid, enters into a deperformance security for guaranteeing the faithfuld, but otherwise shall 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)  Per:	(Seal)			
(Witness as to Principal if no seal)	Per:	(Seal)			
	(Name of Surety)				

Ву:

(Attorney-in-Fact)

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

(Page 2 of 2) (See B12)

#### AGREEMENT TO BOND

(to be attached to and to form part of Bid Bond)

The Surety on the attached Bid Bond hereby undertakes and agrees with THE CITY OF WINNIPEG to become bound as Surety for the Principal, (Name of Bidder) (Place) the Bidder to you on \_\_\_\_\_\_, 20\_\_\_\_ for BID OPPORTUNITY NO. 270-2014 Addendum 1 2014 WATERMAIN RENEWALS CONTRACT 2 in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity, if our Principal's Bid is accepted by you, such Performance Bond to be maintained and continue in full force and effect until the expiration of the warranty period. The Performance Bond shall be in the form specified in the Bid Opportunity. It is a condition that this Agreement to Bond shall become null and void if the Performance Bond mentioned above is not required from our Principal within 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\_\_\_\_\_ . (Name of Surety) By: (Attorney-in-Fact) (Seal)

# FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 1 of 2) (See B12)

(Date)	
Corpo Materi 185 K	ity of Winnipeg rate Finance Department ials Management Division ing Street, Main Floor peg MB R3B 1J1
RE:	BID SECURITY - BID OPPORTUNITY NO. 270-2014 Addendum 1
	2014 WATERMAIN RENEWALS CONTRACT 2
Pursu	ant to the request of and for the account of our customer,
(Name	of Bidder)
WE H	es of Bidder)  EREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding aggregate
	Canadian dollars.
demar Letter payme	Standby Letter of Credit may be drawn on by you at any time and from time to time upon written and for payment made upon us by you. It is understood that we are obligated under this Standby of Credit for the payment of monies only and we hereby agree that we shall honour your demand for ent without inquiring whether you have a right as between yourself and our customer to make such and without recognizing any claim of our customer or objection by the customer to payment by us.
	mount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upon ou or by formal notice in writing given to us by you if you desire such reduction or are willing that it be
Partia	I drawings are permitted.
	ngage with you that all demands for payment made within the terms and currency of this Standby of Credit will be duly honoured if presented to us at:
(Addres	es)
and w	e confirm and hereby undertake to ensure that all demands for payment will be duly honoured by us.

# FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 2 of 2) (See B12)

All demands for payment shall specifically state that they are drawn under this Standby Letter of Credit.

This Standby Letter of Credit will expire on May 25, 2014.

if our customer's Bid is not accepted, and if accepted, when our customer has entered into a Contract with you and has furnished the required performance security for guaranteeing the faithful performance of the Contract.

This Standby Letter of Credit may not be revoked or amended without your prior written approval.

WE HEREBY UNDERTAKE and agree to provide in your favour an irrevocable Standby Letter of Credit in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity, if our customer's Bid is accepted by you. Such Standby Letter of Credit shall be maintained and continue in full force and effect until the expiration of the warranty period. The Standby Letter of Credit shall be in the form specified in the Bid Opportunity.

This credit is subject to the Uniform Customs and Practice for Documentary Credit (2007 Revision), International Chamber of Commerce Publication Number 600.

(Name of bank or financial institution)			
Per:			
	(Authorized Signing Officer)		
Per:			
	(Authorized Signing Officer)		