

FORM A: BID
(See B8)

1. Contract Title 2017 WATER MAIN RENEWALS CONTRACT 8

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 applicable)

(Choose one)

The Bidder is:

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person

The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.

Contact Person

Title

Telephone Number

Facsimile Number

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions.

5. Offer The Bidder hereby offers to perform the Work in accordance with the Contract for the Total Bid Price, in Canadian funds, set out on Form B: Prices, appended hereto.

6. Bid Security In accordance with B12.1, the Bidder encloses bid security in the form of:

(Choose one)

- a bid bond (Form G1: Bid Bond and Agreement to Bond)
- an irrevocable standby letter of credit (Form G2: Irrevocable Standby Letter of Credit and Undertaking)
- a certified cheque or draft

and agrees that it shall be held by the City in accordance with the Contract.

7. Execution of Contract The Bidder agrees to execute and return the Contract no later than seven (7) Calendar Days after receipt of the Contract, in the manner specified in C4.

8. Commencement of the Work The Bidder agrees that no Work shall commence until he/she is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.

9. Contract The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.

10. Addenda The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No. _____ Dated _____

11. Time This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.

12. Signatures

The Bidder or the Bidder's authorized official or officials have signed this

_____ day of _____, 20_____.

Signature of Bidder or
Bidder's Authorized Official or Officials

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

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

FORM B: PRICES
 (SEE B9)

2017 WATERMAIN RENEWALS - CONTRACT NO. 8

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A	Donald St					
A. 1	Watermain Renewal	CW 2110				
a)	100mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	1.0		
b)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	12.0		
c)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	2.0		
d)	300mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	310.0		
e)	350mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	2.0		
A. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	2		
b)	SD-007		each	2		
A. 3	Watermain Valve	CW 2110				
a)	100mm		each	1		
b)	150mm		each	4		
c)	300mm		each	4		
A. 4	Fittings	CW 2110				
a)	Tees					
i)	300mm X 300mm X 100mm		each	1		

FORM B: PRICES
 (SEE B9)

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	300mm X 300mm X 150mm		each	5		
iii)	300mm X 300mm X 300mm		each	2		
b)	Bends (SD-004)					
i)	300mm - 11 1/4°		each	1		
ii)	300mm - 45°		each	9		
c)	Crosses					
i)	300mm X250mm X 300mm X 250mm		each	1		
d)	Reducers					
i)	300mm - 200mm		each	2		
ii)	350mm - 300mm		each	2		
A. 5	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	52.0		
b)	25mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	3.0		
c)	38mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	1.0		
A. 6	Corporation Stops	CW 2110				
a)	19mm		each	7		
b)	25mm		each	4		
c)	38mm		each	1		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A. 7	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	3		
A. 8	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	3		
A. 9	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	100mm		each	1		
ii)	150mm		each	5		
iii)	200mm		each	2		
iv)	250mm		each	2		
v)	350mm		each	2		
b)	Perpendicular connection					
i)	300mm		each	2		
A. 10	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	7		
b)	25mm		each	4		
c)	38mm		each	1		
A. 11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	21		
A. 12	Maintaining Curb Stop Excavations	CW 2110	day	15		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A. 13	Temporary Surface Restorations on Donald Street	E6,CW 3410	m ²	144.0		
A. 14	Miscellaneous Concrete Slab Renewal	E9, CW 3235				
a)	Sidewalk (SD-228A)					
i)	Less than 5 m ²		m ²	35.0		
A. 15	Concrete Curb Renewal	E10,CW 3240				
a)	Barrier curb (SD-204)					
i)	Less than 3 m		m	13.0		
b)	Ramp curb					
i)	Less than 3 m		m	5.0		
A. 16	Removal of Existing Hydrant	E14				
a)	150mm		each	3		
A. 17	Removal of Existing Valve	E14				
a)	300mm		each	2		
A	Donald St				Subtotal	
B	Princess St					
B. 1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
b)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	132.0		
B. 2	Hydrant Assembly	CW 2110				
a)	SD-007		each	1		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B. 3	Watermain Valve	CW 2110				
a)	150mm		each	1		
B. 4	Fittings	CW 2110				
a)	Tees					
i)	250mm X 250mm X 150mm		each	4		
b)	Bends (SD-004)					
i)	250mm - 45°		each	4		
B. 5	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 2 backfill		m	40.0		
B. 6	Corporation Stops	CW 2110				
a)	19mm		each	5		
b)	25mm		each	1		
c)	50mm		each	1		
B. 7	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	3		
B. 8	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	3		
B. 9	Watermain and Water Service Insulation	CW 2110				
a)	In a trench (SD - 018)					
i)	100mm thick		m	4		

FORM B: PRICES
 (SEE B9)

2017 WATERMAIN RENEWALS - CONTRACT NO. 8

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B. 10	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	4		
ii)	250mm		each	2		
B. 11	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	5		
b)	25mm		each	1		
c)	50mm		each	1		
B. 12	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	14		
B. 13	Maintaining Curb Stop Excavations	CW 2110	day	15		
B. 14	Re-installation of Existing Interlocking Paving Stones on Sidewalks	E7	m ²	38.0		
B. 15	Partial Slab Patches	E8, CW 3230				
a)	200mm reinforced concrete pavement					
i)	200mm reinforced concrete pavement for early opening (24 hours)		m ²	113.0		
B. 16	Concrete Curb Renewal	E10,CW 3240				
a)	Barrier curb (SD-204)					
i)	Less than 3 m		m	13.0		
b)	Ramp curb					
i)	Less than 3 m		m	7.0		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B. 17	Construction of Asphalt Patches	E11,CW 3410	m ²	113.0		
B. 18	Removal of Existing Hydrant	E14				
a)	150mm		each	1		
B	Princess St				Subtotal	
C	Smith St					
C. 1	Watermain Renewal	CW 2110				
a)	100mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	1.0		
b)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	95.0		
C. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	1		
C. 3	Fittings	CW 2110				
a)	Tees					
i)	250mm x 250mm x 100 mm		each	1		
b)	Bends (SD-004)					
i)	250mm - 45°		each	1		
C. 4	Corporation Stops	CW 2110				
a)	19mm		each	1		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C. 5	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	100mm		each	1		
ii)	250mm		each	2		
C. 6	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	1		
C. 7	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2		
C. 8	Re-installation of Existing Interlocking Paving Stones on Sidewalks	E7, CW 3335	m ²	5.0		
C. 9	Partial Slab Patches	E8, CW 3230				
a)	200mm reinforced concrete pavement					
i)	200mm reinforced concrete pavement for early opening (24 hours)		m ²	27.0		
C. 10	Miscellaneous Concrete Slab Renewal	E9, CW 3235				
a)	Sidewalk (SD-228A)					
i)	Less than 5 m ²		m ²	27.0		
C. 11	Concrete Curb Renewal	E10,CW 3240				
a)	Barrier curb (SD-204)					
i)	Less than 3 m		m	4.0		
C. 12	Construction of Asphalt Patches	E11,CW 3410	m ²	27.0		
C	Smith St					
					Subtotal	

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>D</u>	Arthur St					
D. 1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	34.0		
b)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	155.0		
D. 2	Hydrant Assembly	CW 2110				
a)	SD-007		each	2		
D. 3	Watermain Valve	CW 2110				
a)	150mm		each	1		
b)	250mm		each	2		
D. 4	Fittings	CW 2110				
a)	Tees					
i)	250mm X 250mm X 100mm		each	1		
ii)	250mm X 250mm X 150mm		each	4		
iii)	250mm X 250mm X 250mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 90°		each	2		
ii)	250mm - 45°		each	4		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D. 5	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	100mm		each	1		
ii)	150mm		each	4		
iii)	250mm		each	1		
b)	Perpendicular connection					
i)	250mm		each	2		
D. 6	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	4		
D. 7	Re-installation of Existing Interlocking Paving Stones on Sidewalks	E7, CW 3335	m ²	85.0		
D. 8	Partial Slab Patches	E8, CW 3230				
a)	200mm reinforced concrete pavement					
i)	200mm reinforced concrete pavement for early opening (24 hours)		m ²	79.0		
D. 9	Concrete Curb Renewal	E10,CW 3240				
a)	Barrier curb (SD-204)					
i)	Less than 3 m		m	26.0		
b)	Ramp curb					
i)	Less than 3 m		m	7.0		
D. 10	Construction of Asphalt Patches	E11,CW 3410	m ²	79.0		
D. 11	Abandonment and Plugging of Water Main on Arthur Street	E13	lump sum	1		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D. 12	Removal of Existing Hydrant	E14				
a)	150mm		each	1		
D. 13	Removal of Existing Valve	E14				
a)	250mm		each	1		
D	Arthur St				Subtotal	
E	Albert St					
E. 1	Watermain Renewal	CW 2110				
a)	100mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	7.0		
b)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	35.0		
c)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	160.0		
E. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	2		
b)	SD-007		each	1		
E. 3	Watermain Valve	CW 2110				
a)	150mm		each	3		
b)	250mm		each	1		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E. 4	Fittings	CW 2110				
a)	Tees					
i)	250mm X 250mm X 100mm		each	3		
ii)	250mm X 250mm X 150mm		each	10		
b)	Bends (SD-004)					
i)	100mm - 45°		each	1		
ii)	150mm - 45°		each	3		
iii)	250mm - 45°		each	5		
c)	Reducers					
i)	250mm - 150mm		each	1		
E. 5	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	12.0		
b)	25mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	24.0		
E. 6	Corporation Stops	CW 2110				
a)	19mm		each	1		
b)	25mm		each	3		
E. 7	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
b)	25mm		each	3		
E. 8	Curb Stop Boxes - Replace Existing	CW 2110				

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	19mm		each	1		
b)	25mm		each	3		
E. 9	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	100mm		each	3		
ii)	150mm		each	11		
iii)	250mm		each	1		
E. 10	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	1		
b)	25mm		each	3		
E. 11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	21		
E. 12	Maintaining Curb Stop Excavations	CW 2110	day	20		
E. 13	Re-installation of Existing Interlocking Paving Stones on Roadways	E7, CW 3335	m ²	152.0		
E. 14	Miscellaneous Concrete Slab Renewal	E9, CW 3235				
a)	Sidewalk (SD-228A)					
i)	Less than 5 m ²		m ²	25.0		
E. 15	Concrete Curb Renewal	E10,CW 3240				
a)	Barrier curb (SD-204)					
i)	Less than 3 m		m	15.0		
E	Albert St				Subtotal	

FORM B: PRICES
 (SEE B9)

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	Garry St from Graham Ave to Portage Ave					
F. 1	Watermain Renewal	CW 2110				
a)	100mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	2.0		
b)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	1.0		
c)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	182.0		
F. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	3		
F. 3	Watermain Valve	CW 2110				
a)	100mm		each	2		
b)	250mm		each	1		
F. 4	Fittings	CW 2110				
a)	Tees					
i)	250mm X 250mm X 100mm		each	2		
ii)	250mm X 250mm X 150mm		each	3		
b)	Bends (SD-004)					
i)	250mm - 45°		each	6		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F. 5	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	13.0		
b)	25mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	19.0		
F. 6	Corporation Stops	CW 2110				
a)	19mm		each	1		
b)	25mm		each	4		
c)	38mm		each	2		
d)	50mm		each	1		
F. 7	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
b)	25mm		each	2		
F. 8	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
b)	25mm		each	2		
F. 9	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	100mm		each	2		
ii)	150mm		each	3		
iii)	250mm		each	2		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F. 10	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	1		
b)	25mm		each	4		
c)	38mm		each	2		
d)	50mm		each	1		
F. 11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	16		
F. 12	Partial Slab Patches	E8, CW 3230				
a)	250mm reinforced concrete pavement					
i)	250mm reinforced concrete pavement for early opening (24 hours)		m ²	122.0		
F. 13	Miscellaneous Concrete Slab Renewal	E9, CW 3235				
a)	Sidewalk (SD-228A)					
i)	Less than 5 m ²		m ²	42.0		
F. 14	Concrete Curb Renewal	E10,CW 3240				
a)	Barrier curb (SD-204)					
i)	Less than 3 m		m	11.0		
b)	Ramp curb		m			
i)	Less than 3 m		m	5.0		
F. 15	Construction of Asphalt Patches	E11,CW 3410				
			m ²	122.0		
F	Garry St from Graham Ave to Portage Ave					
					Subtotal	

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G	Broadway					
G. 1	Watermain Renewal	CW 2110				
a)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	105.0		
G. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	1		
b)	SD-007		each	1		
G. 3	Watermain Valve	CW 2110				
a)	250mm		each	1		
G. 4	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	250mm - 45°		each	2		
b)	Crosses					
i)	250mm X250mm X 250mm X 250mm		each	1		
G. 5	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	250mm		each	2		
G. 6	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
G. 7	Re-installation of Existing Interlocking Paving Stones on Sidewalks	E7, CW 3335	m ²	64.0		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G. 8	Partial Slab Patches	E8, CW 3230				
a)	250mm reinforced concrete pavement					
i)	250mm reinforced concrete pavement for early opening (24 hours)		m ²	28.0		
G. 9	Miscellaneous Concrete Slab Renewal	E9, CW 3235				
a)	Sidewalk (SD-228A)					
i)	Less than 5 m ²		m ²	7.0		
G. 10	Concrete Curb Renewal	E10,CW 3240				
a)	Barrier curb (SD-204)					
i)	Less than 3 m		m	5.0		
G. 11	Construction of Asphalt Patches	E11,CW 3410				
G	Broadway				Subtotal	
H	Garry St from Assiniboine Ave to Broadway					
H. 1	Watermain Renewal	CW 2110				
a)	100mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	1.0		
b)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	8.0		
c)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	170.0		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H. 2	Hydrant Assembly	CW 2110				
a)	SD-007		each	3		
H. 3	Watermain Valve	CW 2110				
a)	150mm		each	2		
b)	250mm		each	2		
H. 4	Fittings	CW 2110				
a)	Tees					
i)	250mm x 250mm x100 mm		each	1		
ii)	250mm x 250mm x150 mm		each	3		
iii)	250mm x 250mm x 250 mm		each	1		
b)	Bends (SD-004)					
i)	250mm - 11 1/4°		each	1		
ii)	250mm - 22 1/2°		each	2		
iii)	250mm - 45°		each	2		
c)	Reducers					
i)	250mm - 200mm		each	3		
H. 5	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	100mm		each	1		
ii)	150mm		each	3		
iii)	200mm		each	3		

FORM B: PRICES
 (SEE B9)

2017 WATERMAIN RENEWALS - CONTRACT NO. 8

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
b)	Perpendicular connection					
i)	250mm		each	2		
H. 6	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	3		
H. 7	Partial Slab Patches	E8, CW 3230				
a)	200mm reinforced concrete pavement					
i)	200mm reinforced concrete pavement for early opening (24 hours)		m ²	44.0		
H. 8	Miscellaneous Concrete Slab Renewal	E9, CW 3235				
a)	Sidewalk (SD-228A)					
i)	Less than 5 m ²		m ²	20.0		
H. 9	Concrete Curb Renewal	E10,CW 3240				
a)	Barrier curb (SD-204)					
i)	Less than 3 m		m	11.0		
b)	Ramp curb					
i)	Less than 3 m		m	8.0		
H. 10	Construction of Asphalt Patches	E11,CW 3410				
			m ²	44.0		
H. 11	Detectable Warning Surface Tiles	CW 3326-R2				
			each	1		
H	Garry St from Assiniboine Ave to Broadway					
					Subtotal	

FORM B: PRICES
 (SEE B9)

2017 WATERMAIN RENEWALS - CONTRACT NO. 8

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I	Portage Ave					
I. 1	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	250mm		each	2		
ii)	300mm		each	4		
I. 2	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	2		
I. 3	Removal of Existing Hydrant	CW 2110				
a)	150mm		each	1		
I. 4	Removal of Existing Valve	CW 2110				
a)	250mm		each	1		
b)	300mm		each	5		
I. 5	Re-installation of Existing Interlocking Paving Stones on Sidewalks	E7, CW 3335	m ²	13.0		
I. 6	Partial Slab Patches	E8, CW 3230				
a)	250mm reinforced concrete pavement					
i)	250mm reinforced concrete pavement for early opening (24 hours)		m ²	53.0		
I. 7	Miscellaneous Concrete Slab Renewal	E9, CW 3235				
a)	Sidewalk (SD-228A)					
i)	Less than 5 m ²		m ²	5.0		

FORM B: PRICES
 (SEE B9)

2017 WATERMAIN RENEWALS - CONTRACT NO. 8

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I. 8	Concrete Curb Renewal	E10,CW 3240				
a)	Barrier curb (SD-204)					
i)	Less than 3 m		m	5.0		
I. 9	Construction of Asphalt Patches	E11,CW 3410	m ²	53.0		
I	Portage Ave				Subtotal	
J	McDermot Ave					
J. 1	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	250mm		each	2		
J. 2	Removal of Existing Hydrant	CW 2110				
a)	150mm		each	2		
J. 3	Removal of Existing Valve	CW 2110				
a)	250mm		each	7		
b)	300mm		each	1		
J. 4	Re-installation of Existing Interlocking Paving Stones on Sidewalks	E7, CW 3335	m ²	16.0		
J. 5	Partial Slab Patches	E8, CW 3230				
a)	200mm reinforced concrete pavement					
i)	200mm reinforced concrete pavement for early opening (24 hours)		m ²	50.0		
J. 6	Miscellaneous Concrete Slab Renewal	E9, CW 3235				
a)	Sidewalk (SD-228A)					
i)	Less than 5 m ²		m ²	3.0		

FORM B: PRICES
 (SEE B9)

2017 WATERMAIN RENEWALS - CONTRACT NO. 8

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J. 7	Concrete Curb Renewal	E10,CW 3240				
a)	Ramp curb					
i)	Less than 3 m		m	7.0		
J. 8	Construction of Asphalt Patches	E11,CW 3410	m ²	50.0		
J. 9	Repairs to Concrete Flower Bed	E12	m	3.0		
J	McDermot Ave				Subtotal	
<u>K</u>	Notre Dame Ave & Garry St from Portage Ave to Ellice Ave					
K. 1	Fittings	CW 2110				
i)	400mm x 400mm x 150 mm		each	1		
K. 2	Corporation Stops	CW 2110				
a)	50mm		each	1		
K. 3	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)	400mm		each	2		
K. 4	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	50mm		each	1		
K. 5	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2		
K. 6	Partial Slab Patches	E8, CW 3230				

FORM B: PRICES
 (SEE B9)

2017 WATERMAIN RENEWALS - CONTRACT NO. 8

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a) i)	200mm reinforced concrete pavement 200mm reinforced concrete pavement for early opening (24 hours)		m ²	45.0		
K. 7	Miscellaneous Concrete Slab Renewal	E9, CW 3235				
a) i)	Sidewalk (SD-228A) Less than 5 m ²		m ²	10.0		
K. 8	Concrete Curb Renewal	E10,CW 3240				
a) i) b) i)	Barrier curb (SD-204) Less than 3 m Ramp curb Less than 3 m		m m	2.0 6.0		
K. 9	Construction of Asphalt Patches	E11,CW 3410	m ²	45.0		
K. 10	Removal of Existing Hydrant	E14				
a)	150mm		each	2		
K. 11	Removal of Existing Valve	E14				
a)	250mm		each	3		
K	Notre Dame Ave & Garry St from Portage Ave to Ellice Ave				Subtotal	

FORM B: PRICES
 (SEE B9)

2017 WATERMAIN RENEWALS - CONTRACT NO. 8

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>L</u>	Provisional Items					
L. 1	Granular Backfill Material	E_	m ³	40.0		
L. 2	Cement Stabilized Fill	CW 3150-R4	m ²	15.0		
L. 3	Sodding	CW 3510	m ²	30.0		
L. 4	Maintaining Curb Stop Excavations	CW 2110	day	15		
L. 5	Surfacing Material	CW 3150-R4	m ³	15.0		
L. 6	Watermain Valve	CW 2110				
a)	150mm		each	2		
b)	250mm		each	2		
c)	300mm		each	1		
L. 7	Fittings	CW 2110				
a)	Tees					
i)	200mm X 200mm X 100mm		each	2		
ii)	200mm X 200mm X 150mm		each	2		
b)	Bends (SD-005)					
i)	150mm - 45°		each	2		
ii)	250mm - 45°		each	2		
iii)	300mm - 45°		each	2		

FORM B: PRICES
 (SEE B9)

2017 WATERMAIN RENEWALS - CONTRACT NO. 8

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
L. 8	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	10.0		
b)	25mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	10.0		
c)	38mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
d)	50mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
L. 9	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	2		
b)	25mm		each	2		
c)	38mm		each	1		
d)	50mm		each	1		
L. 10	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	2		
b)	25mm		each	2		
c)	38mm		each	1		
d)	50mm		each	1		
L. 11	Watermain and Water Service Insulation	CW 2110				
a)	In a trench (SD - 018)					
i)	100mm thick		m	10		

FORM B: PRICES
 (SEE B9)

2017 WATERMAIN RENEWALS - CONTRACT NO. 8

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
L. 12	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	100mm		each	2		
ii)	150mm		each	2		
L. 13	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	10		
L. 14	Regrading of Existing Sewer Service - Up to 1.5 metres Long	CW 2110				
a)	100mm		each	6		
b)	150mm		each	6		
c)	200mm		each	3		
L. 15	Removal of Existing Hydrant	E14				
a)	150mm		each	2		
L. 16	Removal of Existing Valve	E14				
a)	250mm		each	2		
L. 17	Interlocking Paving Stones	CW 3330	m ²	10.0		
L	Provisional Items				Subtotal	

FORM B: PRICES
 (SEE B9)

2017 WATERMAIN RENEWALS - CONTRACT NO. 8

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A	Donald St					Subtotal
B	Princess St					Subtotal
C	Smith St					Subtotal
D	Arthur St					Subtotal
E	Albert St					Subtotal
F	Garry St from Graham Ave to Portage Ave					Subtotal
G	Broadway					Subtotal
H	Garry St from Assiniboine Ave to Broadway					Subtotal
I	Portage Ave					Subtotal
J	McDermot Ave					Subtotal
K	Notre Dame Ave & Garry St from Portage Ave to Ellice Ave					Subtotal
L	Provisional Items					Subtotal
					Total	
TOTAL BID PRICE (GST extra) (in figures)\$						_____

						Name of Bidder

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

_____ (hereinafter called the "Surety"), are held and firmly bound unto **THE CITY OF WINNIPEG** (hereinafter called the "Obligee") in the sum of ten percent (10%) of the Total Bid Price set out in the Bid hereinafter described, for the payment of which sum the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a Bid to the Obligee for

BID OPPORTUNITY NO. 295-2017

2017 WATER MAIN RENEWALS CONTRACT 8

as more fully set out in the Bid Opportunity.

NOW THEREFORE the condition of this obligation is such that if the Bid of the Principal is not accepted, or if said Bid is accepted and the Principal, in accordance with the terms of the Bid, enters into a Contract with the said Obligee and furnishes the required performance security for guaranteeing the faithful performance of the Contract, this obligation shall be void, but otherwise shall remain in full force and effect.

IN WITNESS WHEREOF the Principal and Surety have signed and sealed this bond the

_____ day of _____, 20_____.

SIGNED AND SEALED
in the presence of:

(Witness as to Principal if no seal)

(Name of Principal)

Per: _____ (Seal)

Per: _____

(Name of Surety)

By: _____ (Seal)
(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,

_____ of
(Name of Bidder)

(Place)

the Bidder to you on _____, 20____ for

BID OPPORTUNITY NO. 295-2017

2017 WATER MAIN RENEWALS CONTRACT 8

in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity, if our Principal's Bid is accepted by you, such Performance Bond to be maintained and continue in full force and effect until the expiration of the warranty period. The Performance Bond shall be in the form specified in the Bid Opportunity.

It is a condition that this Agreement to Bond shall become null and void if the Performance Bond mentioned above is not required from our Principal within sixty (60) Calendar Days following the Submission Deadline.

AND IT IS HEREBY DECLARED AND AGREED that the Surety shall be liable as Principal, and that nothing of any kind or matter whatsoever that will not discharge the Principal shall operate as a discharge or release of liability of the Surety, any law or usage relating to the liability of Sureties to the contrary notwithstanding.

SIGNED AND SEALED this _____ day of _____, 20_____ .

(Name of Surety)

By: _____ (Seal)
(Attorney-in-Fact)

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

(Date)

The City of Winnipeg
Corporate Finance Department
Materials Management Division
185 King Street, Main Floor
Winnipeg MB R3B 1J1

RE: BID SECURITY - BID OPPORTUNITY NO. 295-2017
2017 WATER MAIN RENEWALS CONTRACT 8

Pursuant to the request of and for the account of our customer,

(Name of Bidder)

(Address of Bidder)

WE HEREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding in the aggregate

_____ Canadian dollars.

This Standby Letter of Credit may be drawn on by you at any time and from time to time upon written demand for payment made upon us by you. It is understood that we are obligated under this Standby Letter of Credit for the payment of monies only and we hereby agree that we shall honour your demand for payment without inquiring whether you have a right as between yourself and our customer to make such demand and without recognizing any claim of our customer or objection by the customer to payment by us.

The amount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upon it by you or by formal notice in writing given to us by you if you desire such reduction or are willing that it be made.

Partial drawings are permitted.

We engage with you that all demands for payment made within the terms and currency of this Standby Letter of Credit will be duly honoured if presented to us at:

(Address)

and we confirm and hereby undertake to ensure that all demands for payment will be duly honoured by us.

**FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING
(BID SECURITY) (Page 2 of 2)
(See 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 July 10th, 2017.

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)