

**PART A**

**BID SUBMISSION**

**FORM A: BID**  
(See B8)

1. Project Title 2004 WATERMAIN RENEWALS – CONTRACT 5

2. Bidder

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Street

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

(Mailing address if different)

\_\_\_\_\_  
Street or P.O. Box

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

The Bidder is:

(Choose one)

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.

Template Version: C020040408

6. Bid Security

In accordance with B11.1, 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 GC:4.

8. Commencement of the Work

The Bidder agrees that no Work shall commence until he 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 Submission.

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

In witness whereof the Bidder or the Bidder's authorized official or officials have signed this

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

Signed and sealed in  
the presence of:

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
(Witness)

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)

SEAL

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section A: Polson Ave. - Radford St. to Airlies St.</b>						
A.1	Watermain Renewals	CW 2110-R7				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 2 Backfill		m	10		
ii)	trenchless installation, Class B sand bedding, Class 4 Backfill		m	310		
A.2	Hydrant Assembly	CW 2110-R7				
a)	SD-007		each	2		
A.3	Watermain Valve	CW 2110-R7				
a)	150mm		each	3		
A.4	Corporation Stops	CW 2110-R7				
a)	19mm		each	20		
A.5	Fittings	CW 2110-R7				
a)	Tees					
i)	150mm x 150mm x 150mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 45°		each	2		
c)	Bends (SD-005)					
i)	150mm - 45°		each	2		
A.6	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110-R7				
a)	Inline Connection - No Plug Existing					
i)	150mm		each	6		
A.7	Connecting Existing Copper Water Services to New Watermains	CW 2110-R7				
a)	19mm		each	20		
A.8	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110-R7				
a)			each	20		
A.9	Catch Basins	CW 2130-R8				
a)	SD-024		each	2		
A.10	Removal of Existing Catch Basins	CW 2130-R8				
			each	2		
A.11	Removal of Existing Catch Pits	CW 2130-R8				
			each	2		

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section A: Polson Ave. - Radford St. to Airlies St. PROVISIONAL ITEMS</b>		<b>E 2</b>				
A.12	Granular Backfill Material	CW 2030-R6	m <sup>3</sup>	30		
A.13	Regrading Existing Sewer Service – Up to 1.5 Metres Long	CW 2110-R7				
a)	100mm		each	2		
b)	150mm		each	2		
A.14	Street Light Cable	<b>E 4</b>				
a)	Trenching		m	40		
b)	Coring HDPE Conduit		m	40		
Subtotal - Section A						

---

Name of Bidder

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section B: Polson Ave - Airlies St. to 175m East of Airlies St.</b>						
B.1	Watermain Renewals	CW 2110-R7				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	50		
ii)	trenchless installation, Class B sand bedding, Class 5 Backfill		m	325		
b)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	20		
B.2	Hydrant Assembly	CW 2110-R7				
a)	SD-007		each	3		
B.3	Watermain Valve	CW 2110-R7				
a)	150mm		each	5		
b)	200mm		each	1		
B.4	Corporation Stops	CW 2110-R7				
a)	19mm		each	28		
B.5	Fittings	CW 2110-R7				
a)	Tees					
i)	150mm x 150mm x 150mm		each	2		
b)	Bends (SD-004)					
i)	150mm - 45°		each	4		
ii)	150mm - 22 1/2°		each	4		
iii)	200mm - 45°		each	4		
c)	Crosses	CW 2110-R7				
ii)	200mm x 200mm x 200mm x 200mm		each	1		
d)	Reducers	CW 2110-R7				
i)	200mm - 150mm		each	2		
B.6	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110-R7				
a)	Inline Connection - No Plug Existing					
i)	150mm		each	1		
ii)	200mm		each	2		
B.7	Connecting Existing Copper Water Services to New Watermains	CW 2110-R7				
a)	19mm		each	28		
B.8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110-R7				
a)	On Metallic Watermains		each	2		
b)	On Water Services		each	13		

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section B: Polson Ave - Airlies St. to 175m East of Airlies St.</b>						
B.9	Continuity Bonding	CW 2110-R7	each	15		
B.10	Catch Basins	CW 2130-R8				
a)	SD-024		each	2		
B.11	Removal of Existing Catch Basins	CW 2130-R8	each	2		
B.12	Removal of Existing Catch Pits	CW 2130-R8	each	2		
B.13	Full Depth Partial Slab Patches	CW 2110-R6				
a)	Removal					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	30.0		
b)	Installation					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	30.0		
B.14	Miscellaneous Concrete Slab Removal	CW 3235-R4				
a)	Sidewalk		m <sup>2</sup>	10		
B.15	Miscellaneous Concrete Slab Installation	CW 3235-R4				
a)	Sidewalk	SD-228A	m <sup>2</sup>	10		
B.16	Concrete Curb Removal	CW 3240-R4				
a)	Barrier					
i)	Separate		m	10		
b)	Ramp Curb		m	3		
B.17	Concrete Curb Installation	CW 3240-R4				
a)	Barrier (180 mm ht, Separate)	SD-203A	m	10		
b)	Ramp Curb Integral	SD-229A,B,C	m	3		
<b>PROVISIONAL ITEMS</b>		<b>E 2</b>				
B.18	Regrading Existing Sewer Service – Up to 1.5 Metres Long	CW 2110-R7				
a)	100mm		each	2		
b)	150mm		each	2		
B.19	Street Light Cable	E 4				
a)	Trenching		m	40		
b)	Coring HDPE Conduit		m	40		
B.20	Sodding	CW 3510-R7				
a)	width > or = 600mm		m <sup>2</sup>	20		
Subtotal - Section B						

\_\_\_\_\_  
 Name of Bidder



**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section C: Airlies Street - Carruthers Ave. to Aster Ave.</b>						
C.1	Granular Backfill Material	CW 2030-R6	m <sup>3</sup>	20		
C.2	Watermain Renewals	CW 2110-R7				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	50		
b)	200mm					
i)	trenchless installation, Class B sand bedding, Class 5 Backfill		m	170		
c)	300mm					
i)	in a trench, Class B sand bedding, Class 3 Backfill		m	5		
C.3	Hydrant Assembly	CW 2110-R7				
a)	SD-007		each	3		
C.4	Watermain Valve	CW 2110-R7				
a)	150mm		each	1		
b)	200mm		each	2		
C.5	Water Services	CW 2110-R7				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	20		
C.6	Corporation Stops	CW 2110-R7				
a)	19mm		each	17		
C.7	Curb Stops - Replace Existing	CW 2110-R7				
a)	19mm		each	1		
C.8	Curb Stops Boxes	CW 2110-R7				
a)	19mm		each	1		
C.9	Fittings	CW 2110-R7				
a)	Tees					
i)	200mm x 200mm x 150 mm		each	2		
ii)	300mm x 300mm x 300 mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 22 1/2°		each	2		
ii)	200mm - 45°		each	2		
c)	Reducers	CW 2110-R7				
i)	300mm - 200mm		each	1		

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section C: Airlies Street - Carruthers Ave. to Aster Ave.</b>						
C.10	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110-R7				
a)	Inline Connection - No Plug Existing					
i)	150mm		each	2		
ii)	200mm		each	1		
iii)	300mm		each	2		
C.11	Connecting Existing Copper Water Services to New Watermains	CW 2110-R7				
a)	19mm		each	16		
C.12	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110-R7				
a)	On Metallic Watermains		each	2		
b)	On Water Services		each	4		
C.13	Continuity Bonding	CW 2110-R7	each	14		
C.14	Miscellaneous Concrete Slab Removal	CW 3235-R4				
a)	Sidewalk		m <sup>2</sup>	20		
C.15	Miscellaneous Concrete Slab Installation	CW 3235-R4				
a)	Sidewalk	SD-228A	m <sup>2</sup>	20		
<b>PROVISIONAL ITEMS</b>		<b>E 2</b>				
C.16	Street Light Cable	E 4				
a)	Trenching		m	80		
b)	Coring HDPE Conduit		m	20		
				Subtotal - Section C		

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section D: Daffodil St. - Bluebell Ave. to Teakwood Ave.; Teakwood Ave. - Daffodil St. to 75m East of Daffodil St.</b>						
D.1	Watermain Renewals	CW 2110-R7				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	5		
ii)	trenchless installation, Class B sand bedding, Class 5 Backfill		m	145		
D.2	Hydrant Assembly	CW 2110-R7				
a)	SD-007		each	1		
D.3	Watermain Valve	CW 2110-R7				
a)	150mm		each	1		
D.4	Corporation Stops	CW 2110-R7				
a)	19mm		each	13		
D.5	Fittings	CW 2110-R7				
a)	Bends (SD-004)					
i)	150mm - 45°		each	2		
D.6	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110-R7				
a)	Inline Connection - No Plug Existing					
i)	150mm		each	2		
D.7	Connecting Existing Copper Water Services to New Watermains	CW 2110-R7				
a)	19mm		each	13		
D.8	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110-R7				
a)			each	3		
D.9	Continuity Bonding	CW 2110-R7				
			each	10		
D.10	Full Depth Partial Slab Patches Removal	CW 2110-R6				
a)						
i)	150mm reinforced concrete pavement		m <sup>2</sup>	10.0		
b)	Installation					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	10.0		
D.11	Concrete Curb Removal	CW 3240-R4				
a)	Barrier		m			
i)	Separate		m	10		
D.12	Concrete Curb Installation	CW 3240-R4				
a)	Barrier (180mm ht, Separate)	SD-203A	m	10		

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section D: Daffodil St. - Bluebell Ave. to Teakwood Ave.; Teakwood Ave. - Daffodil St. to 75m East of Daffodil St.</b>						
D.13 a)	Miscellaneous Concrete Slab Removal Sidewalk	CW 3235-R4	m <sup>2</sup>	10		
D.14 a)	Miscellaneous Concrete Slab Installation Sidewalk	CW 3235-R4 SD-228A	m <sup>2</sup>	10		
<b>PROVISIONAL ITEMS</b>		<b>E 2</b>				
D.15 a)	Water Services 19mm	CW 2110-R7				
i)	in a trench, Class B sand bedding, Class 3 Backfill		m	5		
ii)	in a trench, Class B sand bedding, Class 5 Backfill		m	5		
D.16 a)	Curb Stops - Replace Existing 19mm	CW 2110-R7	each	1		
D.17 a)	Curb Stops Boxes 19mm	CW 2110-R7	each	1		
Subtotal - Section D						

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section E: Partridge Ave. - 92m West of Main St. to Main St.</b>						
E.1	Watermain Renewals	CW 2110-R7				
a)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	45		
ii)	trenchless installation, Class B sand bedding, Class 5 Backfill		m	75		
b)	300mm					
i)	trenchless installation, Class B sand bedding, Class 1 Backfill		m	35		
E.2	Hydrant Assembly	CW 2110-R7				
a)	SD-007		each	2		
E.3	Watermain Valve	CW 2110-R7				
a)	250mm		each	4		
b)	300mm		each	1		
E.4	Water Services	CW 2110-R7				
a)	25mm					
i)	in a trench, Class B sand bedding, Class 3 Backfill		m	5		
E.5	Corporation Stops	CW 2110-R7				
a)	19mm		each	1		
E.6	Fittings	CW 2110-R7				
a)	Tees					
i)	300mm x 300mm x 300 mm		each	1		
b)	Crosses	CW 2110-R7				
ii)	250mm x 250mm x 250mm x 250mm		each	1		
c)	Reducers	CW 2110-R7				
i)	250mm - 150mm		each	1		
ii)	300mm - 250mm		each	1		
d)	Plugs					
i)	250mm		each	2		
E.7	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110-R7				
a)	Inline Connection - No Plug Existing					
i)	150mm		each	1		
b)	Perpendicular Connection					
i)	300mm		each	1		

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section E: Partridge Ave. - 92m West of Main St. to Main St.</b>						
E.8	Connecting Existing Copper Water Services to New Watermains	CW 2110-R7				
a)	19mm		each	1		
E.9	10.9 Kilogram Sacrificial Zinc Anodes On Metallic Watermains	CW 2110-R7				
a)			each	3		
E.10	Continuity Bonding	CW 2110-R7				
			each	1		
E.11	Full Depth Partial Slab Patches Removal	CW 2110-R6				
a)						
i)	150mm reinforced concrete pavement		m <sup>2</sup>	5.0		
ii)	200mm reinforced concrete pavement		m <sup>2</sup>	20.0		
b)	Installation					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	5.0		
ii)	200mm reinforced concrete pavement for early opening (24 hours)		m <sup>2</sup>	20.0		
E.12	Miscellaneous Concrete Slab Removal Sidewalk	CW 3235-R4				
a)			m <sup>2</sup>	60		
E.13	Miscellaneous Concrete Slab Installation Sidewalk	CW 3235-R4 SD-228A				
a)			m <sup>2</sup>	60		
E.14	Concrete Curb Removal	CW 3240-R4				
a)	Barrier					
i)	Separate		m	5		
b)	Ramp Curb		m	3		
E.15	Concrete Curb Installation	CW 3240-R4				
a)	Barrier (180mm ht, Separate)	SD-203A	m	5		
b)	Ramp Curb Integral	SD-229A,B,C	m	3		
E.16	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410-R5	tonne	5		
<b>PROVISIONAL ITEMS</b>		<b>E 2</b>				
E.17	Granular Backfill Material	CW 2030-R6	m <sup>3</sup>	10		
E.18	Cement-Stabilized Backfill Material	CW 2030-R6	m <sup>3</sup>	5		
E.19	Sodding	CW 3510-R7				
a)	width > or = 600mm		m <sup>2</sup>	20		
				Subtotal - Section E		

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section F: Church Ave. - Charles Street to O'Meara Street</b>						
F.1	Watermain Renewals	CW 2110-R7				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	20		
ii)	trenchless installation, Class B sand bedding, Class 5 Backfill		m	100		
b)	200mm					
i)	trenchless installation, Class B sand bedding, Class 1 Backfill		m	5		
ii)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	5		
c)	250mm					
i)	trenchless installation, Class B sand bedding, Class 1 Backfill		m	5		
ii)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	100		
d)	300mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	40		
ii)	trenchless installation, Class B sand bedding, Class 5 Backfill		m	95		
F.2	Hydrant Assembly	CW 2110-R7				
a)	SD-006		each	3		
b)	SD-007		each	2		
F.3	Watermain Valve	CW 2110-R7				
a)	150mm		each	2		
b)	250mm		each	6		
F.4	Water Services	CW 2110-R7				
a)	19mm					
i)	in a trench, Class B sand bedding, Class 3 Backfill		m	5		
ii)	in a trench, Class B sand bedding, Class 5 Backfill		m	5		
b)	25mm					
i)	in a trench, Class B sand bedding, Class 3 Backfill		m	5		
ii)	in a trench, Class B sand bedding, Class 5 Backfill		m	5		
F.5	Corporation Stops	CW 2110-R7				
a)	19mm		each	5		
b)	25mm		each	4		

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section F: Church Ave. - Charles Street to O'Meara Street</b>						
F.6	Curb Stops - Replace Existing	CW 2110-R7				
a)	19mm		each	2		
b)	25mm		each	3		
F.7	Curb Stops Boxes	CW 2110-R7				
a)	19mm		each	2		
b)	25mm		each	3		
F.8	Fittings	CW 2110-R7				
a)	Tees					
i)	150mm x 150mm x 150mm		each	1		
ii)	250mm x 250mm x 150 mm		each	1		
iii)	300mm x 300mm x 300 mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 45°		each	4		
ii)	200mm - 45°		each	3		
iii)	250mm - 11 1/4°		each	1		
iv)	250mm - 45°		each	1		
v)	300mm - 45°		each	1		
c)	Crosses	CW 2110-R7				
i)	300mm x 300mm x 300mm x 300mm		each	1		
d)	Reducers	CW 2110-R7				
i)	250mm - 200mm		each	2		
ii)	300mm - 250mm		each	4		
e)	Plugs					
i)	250mm		each	2		
F.9	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110-R7				
a)	Inline Connection - No Plug Existing					
i)	150mm		each	2		
ii)	200mm		each	2		
iii)	300mm		each	1		
F.10	Connecting Existing Copper Water Services to New Watermains	CW 2110-R7				
a)	19mm		each	3		
b)	25mm		each	1		
F.11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110-R7				
a)	On Metallic Watermains		each	4		
b)	On Water Services		each	8		
F.12	Continuity Bonding	CW 2110-R7	each	6		



**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section F: Church Ave. - Charles Street to O'Meara Street</b>						
F.13	Maintaining Curb Stop Excavations	CW 2110-R7	each per working day	15		
F.14	Full Depth Partial Slab Patches	CW 2110-R6				
a)	Removal					
i)	200mm reinforced concrete pavement		m <sup>2</sup>	25.0		
b)	Installation					
i)	200mm reinforced concrete pavement		m <sup>2</sup>	5.0		
ii)	200mm reinforced concrete pavement for early opening (24 hours)		m <sup>2</sup>	20.0		
F.15	Miscellaneous Concrete Slab Removal	CW 3235-R4				
a)	Monolithic Median Slab		m <sup>2</sup>	5		
b)	Sidewalk		m <sup>2</sup>	110		
F.16	Miscellaneous Concrete Slab Installation	CW 3235-R4				
a)	Monolithic Median Slab	SD-226A	m <sup>2</sup>	5		
b)	Sidewalk	SD-228A	m <sup>2</sup>	110		
F.17	Concrete Curb Removal	CW 3240-R4				
a)	Barrier					
i)	Separate		m	3		
b)	Ramp Curb		m	3		
F.18	Concrete Curb Installation	CW 3240-R4				
a)	Barrier (180 mm ht, Separate)	SD-203A	m	3		
b)	Ramp Curb Integral	SD-229A,B,C	m	3		
F.19	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410-R5	tonne	6		
<b>PROVISIONAL ITEMS</b>		<b>E 2</b>				
F.20	Sodding	CW 3510-R7				
a)	width > or = 600mm		m <sup>2</sup>	30		
Subtotal - Section F						

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section G: Andrews St. - Aberdeen Ave. to Redwood Ave.</b>						
G.1	Granular Backfill Material	CW 2030-R6	m <sup>3</sup>	10		
G.2	Watermain Renewals	CW 2110-R7				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 5 Backfill		m	85		
G.3	Watermain Valve	CW 2110-R7				
a)	150mm		each	1		
G.4	Water Services	CW 2110-R7				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	16		
G.5	Corporation Stops	CW 2110-R7				
a)	19mm		each	6		
G.6	Curb Stops - Replace Existing	CW 2110-R7				
a)	19mm		each	1		
G.7	Curb Stops Boxes	CW 2110-R7				
a)	19mm		each	1		
G.8	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110-R7				
a)	Inline Connection - No Plug Existing					
i)	150mm		each	2		
G.9	Connecting Existing Copper Water Services to New Watermains	CW 2110-R7				
a)	19mm		each	5		
G.10	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110-R7				
a)			each	7		
G.11	Maintaining Curb Stop Excavations	CW 2110-R7	each per working day	5		
G.12	Miscellaneous Concrete Slab Removal Sidewalk	CW 3235-R4				
a)			m <sup>2</sup>	10		
G.13	Miscellaneous Concrete Slab Installation Sidewalk	CW 3235-R4 SD-228A				
a)			m <sup>2</sup>	10		
Subtotal - Section G						

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section H: Andrews St. - Redwood Ave. to Boyd Ave.</b>						
H.1	Watermain Renewals	CW 2110-R7				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 5 Backfill		m	85		
H.2	Watermain Valve	CW 2110-R7				
a)	150mm		each	2		
H.3	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110-R7				
a)	Inline Connection - No Plug Existing					
i)	150mm		each	2		
H.4	10.9 Kilogram Sacrificial Zinc Anodes On Metallic Watermains	CW 2110-R7				
a)			each	1		
H.5	Miscellaneous Concrete Slab Removal Sidewalk	CW 3235-R4				
a)			m <sup>2</sup>	5		
H.6	Miscellaneous Concrete Slab Installation Sidewalk	CW 3235-R4 SD-228A				
a)			m <sup>2</sup>	5		
Subtotal - Section H						

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section I: Boyd Ave. - Andrews St. to Powers St.</b>						
I.1	Watermain Renewals	CW 2110-R7				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 5 Backfill		m	195		
I.2	Hydrant Assembly	CW 2110-R7				
a)	SD-006		each	2		
I.3	Watermain Valve	CW 2110-R7				
a)	150mm		each	3		
I.4	Water Services	CW 2110-R7				
a)	19mm					
i)	in a trench, Class B sand bedding, Class 3 Backfill		m	10		
ii)	in a trench, Class B sand bedding, Class 5 Backfill		m	10		
b)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	65		
I.5	Corporation Stops	CW 2110-R7				
a)	19mm		each	38		
I.6	Curb Stops - Replace Existing	CW 2110-R7				
a)	19mm		each	8		
I.7	Curb Stops Boxes	CW 2110-R7				
a)	19mm		each	8		
I.8	Fittings	CW 2110-R7				
a)	Bends (SD-004)					
ii)	150mm - 45°		each	2		
b)	Crosses	CW 2110-R7				
i)	150mm x 150mm x 150mm x 150mm		each	1		
I.9	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110-R7				
a)	Inline Connection - No Plug Existing					
ii)	150mm		each	2		
I.10	Connecting Existing Copper Water Services to New Watermains	CW 2110-R7				
a)	19mm		each	30		
I.11	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110-R7				
a)			each	8		

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section I: Boyd Ave. - Andrews St. to Powers St.</b>						
I.12	Continuity Bonding	CW 2110-R7	each	38		
I.13	Maintaining Curb Stop Excavations	CW 2110-R7	each per working day	40		
I.14 a)	Miscellaneous Concrete Slab Removal Sidewalk	CW 3235-R4	m <sup>2</sup>	50		
I.15 a)	Miscellaneous Concrete Slab Installation Sidewalk	CW 3235-R4 SD-228A	m <sup>2</sup>	50		
Subtotal - Section I						

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section J: Munroe Ave. - 160m West of Roch St. to Roch St.</b>						
J.1	Watermain Renewals	CW 2110-R7				
a)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	25		
b)	300mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	25		
ii)	trenchless installation, Class B sand bedding, Class 5 Backfill		m	160		
J.2	Hydrant Assembly	CW 2110-R7				
a)	SD-007		each	3		
J.3	Watermain Valve	CW 2110-R7				
a)	250mm		each	1		
b)	300mm		each	3		
J.4	Corporation Stops	CW 2110-R7				
a)	19mm		each	12		
b)	38mm		each	1		
J.5	Fittings	CW 2110-R7				
a)	Tees					
i)	300mm x 300mm x 250 mm		each	1		
b)	Bends (SD-004)					
i)	250mm - 45°		each	2		
ii)	300mm - 45°		each	4		
J.6	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110-R7				
a)	Inline Connection - No Plug Existing					
i)	250mm		each	1		
ii)	300mm		each	2		
J.7	Connecting Existing Copper Water Services to New Watermains	CW 2110-R7				
a)	19mm		each	12		
b)	38mm		each	1		
J.8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110-R7				
a)	On Metallic Watermains		each	3		
b)	On Water Services		each	2		
J.9	Continuity Bonding	CW 2110-R7	each	11		

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section J: Munroe Ave. - 160m West of Roch St. to Roch St.</b>						
J.10 a)	Miscellaneous Concrete Slab Removal Sidewalk	CW 3235-R4	m <sup>2</sup>	20		
J.11 a)	Miscellaneous Concrete Slab Installation Sidewalk	CW 3235-R4 SD-228A	m <sup>2</sup>	20		
<b>PROVISIONAL ITEMS</b>		<b>E 2</b>				
J.12 a) b)	Regrading Existing Sewer Service – Up to 1.5 Metres Long 100mm 150mm	CW 2110-R7	each each	1 1		
J.13 a)	Sodding width > or = 600mm	CW 3510-R7	m <sup>2</sup>	20		
Subtotal - Section J						

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section K: Irving Place - Henderson Hwy. to 65m West of Grandview St.</b>						
K.1	Watermain Renewals	CW 2110-R7				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	45		
ii)	trenchless installation, Class B sand bedding, Class 5 Backfill		m	225		
K.2	Hydrant Assembly	CW 2110-R7				
a)	SD-006		each	3		
K.3	Watermain Valve	CW 2110-R7				
a)	150mm		each	2		
K.4	Water Services	CW 2110-R7				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 5 Backfill		m	15		
K.5	Corporation Stops	CW 2110-R7				
a)	19mm		each	23		
K.6	Curb Stops - Replace Existing	CW 2110-R7				
a)	19mm		each	1		
K.7	Curb Stops Boxes	CW 2110-R7				
a)	19mm		each	1		
K.8	Fittings	CW 2110-R7				
a)	Bends (SD-004)					
i)	150mm - 45°		each	2		
b)	Bends (SD-005)					
i)	150mm - 45°		each	2		
K.9	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110-R7				
a)	Inline Connection - No Plug Existing					
i)	150mm		each	2		
K.10	Connecting Existing Copper Water Services to New Watermains	CW 2110-R7				
a)	19mm		each	23		
K.11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110-R7				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	4		
K.12	Continuity Bonding	CW 2110-R7				
			each	20		



**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section K: Irving Place - Henderson Hwy. to 65m West of Grandview St.</b>						
<b>PROVISIONAL ITEMS</b>						
		<b>E 2</b>				
K.13	Regrading Existing Sewer Service – Up to 1.5 Metres Long	CW 2110-R7				
a)	100mm		each	2		
b)	150mm		each	2		
K.14	Full Depth Partial Slab Patches	CW 2110-R6				
a)	Removal					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	10.0		
b)	Installation					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	10.0		
K.15	Concrete Curb Removal	CW 3240-R4				
a)	Barrier		m			
i)	Separate		m	10		
K.16	Concrete Curb Installation	CW 3240-R4				
a)	Barrier (180mm ht, Separate)	SD-203A	m	10		
Subtotal - Section K						

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section L: Greene Ave. - Raleigh St. to 135m West of Raleigh St.</b>						
L.1	Watermain Renewals	CW 2110-R7				
a)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	140		
L.2	Hydrant Assembly	CW 2110-R7				
a)	SD-007		each	2		
L.3	Watermain Valve	CW 2110-R7				
a)	200mm		each	2		
L.4	Water Services	CW 2110-R7				
b)	19mm					
i)	in a trench, Class B sand bedding, Class 3 Backfill		m	5		
L.5	Corporation Stops	CW 2110-R7				
a)	19mm		each	17		
L.6	Curb Stops - Replace Existing	CW 2110-R7				
a)	19mm		each	1		
L.7	Curb Stops Boxes	CW 2110-R7				
a)	19mm		each	1		
L.8	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110-R7				
a)	Inline Connection - No Plug Existing					
i)	200mm		each	2		
L.9	Connecting Existing Copper Water Services to New Watermains	CW 2110-R7				
a)	19mm		each	16		
L.10	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110-R7				
a)			each	18		
L.11	Full Depth Partial Slab Patches Removal	CW 2110-R6				
a)						
i)	150mm reinforced concrete pavement		m <sup>2</sup>	5.0		
b)	Installation					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	5.0		
L.12	Concrete Curb Removal	CW 3240-R4				
a)	Barrier					
i)	Separate		m	5		

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Section L: Greene Ave. - Raleigh St. to 135m West of Raleigh St.</b>						
L.13 a)	Concrete Curb Installation Barrier (180mm ht, Separate)	CW 3240-R4 SD-203A	m	5		
L.14 a)	Miscellaneous Concrete Slab Removal Sidewalk	CW 3235-R4	m <sup>2</sup>	10		
L.15 a)	Miscellaneous Concrete Slab Installation Sidewalk	CW 3235-R4 SD-228A	m <sup>2</sup>	10		
<b>PROVISIONAL ITEMS</b>		<b>E 2</b>				
L.16 a)	Street Light Cable	E 4	m	60		
b)	Trenching Coring HDPE Conduit		m	10		
Subtotal - Section L						

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES (UNIT PRICE)**  
 (SEE B9)

Project Title: 2004 Watermain Renewals - Contract 5

<b>SUMMARY</b>			
<b>A</b>	<b><u>Polson Ave. - Radford St. to Airlies St.</u></b>	Subtotal:	
<b>B</b>	<b><u>Polson Ave - Airlies St. to 175m East of Airlies St.</u></b>	Subtotal:	
<b>C</b>	<b><u>Airlies Street - Carruthers Ave. to Aster Ave.</u></b>	Subtotal:	
<b>D</b>	<b><u>Daffodil St. - Bluebell Ave. to Teakwood Ave.; Teakwood Ave. - Daffodil St. to 75m East of Daffodil St.</u></b>	Subtotal:	
<b>E</b>	<b><u>Partridge Ave. - 92m West of Main St. to Main St.</u></b>	Subtotal:	
<b>F</b>	<b><u>Church Ave. - Charles Street to O'Meara Street</u></b>	Subtotal:	
<b>G</b>	<b><u>Andrews St. - Aberdeen Ave. to Redwood Ave.</u></b>	Subtotal:	
<b>H</b>	<b><u>Andrews St. - Redwood Ave. to Boyd Ave.</u></b>	Subtotal:	
<b>I</b>	<b><u>Boyd Ave. - Andrews St. to Powers St.</u></b>	Subtotal:	
<b>J</b>	<b><u>Munroe Ave. - 160m West of Roch St. to Roch St.</u></b>	Subtotal:	
<b>K</b>	<b><u>Irving Place - Henderson Hwy. to 65m West of Grandview St.</u></b>	Subtotal:	
<b>L</b>	<b><u>Greene Ave. - Raleigh St. to 135m West of Raleigh St.</u></b>	Subtotal:	
TOTAL BID PRICE (GST extra)		(in figures) \$	
(in words) _____			
_____			

\_\_\_\_\_  
 Name of Bidder

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

(Page 1 of 2)  
(See B11)

**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 Submission 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 dated the

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_ for

BID OPPORTUNITY NO. 189-2004

2004 WATERMAIN RENEWALS – CONTRACT 5

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)

\_\_\_\_\_  
(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 B11)

**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. 189-2004

2004 WATERMAIN RENEWALS – CONTRACT 5

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 B11)**

\_\_\_\_\_  
(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. 189-2004  
2004 WATERMAIN RENEWALS – CONTRACT 5

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 B11)**

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 11, 2004.

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 (1993 Revision), International Chamber of Commerce Publication Number 500.

\_\_\_\_\_  
(Name of bank or financial institution)

Per: \_\_\_\_\_  
(Authorized Signing Officer)

Per: \_\_\_\_\_  
(Authorized Signing Officer)