

FORM A: BID
(See B8)

1. Project Title 2005 WATERMAIN RENEWALS – CONTRACT NO. 5

2. Bidder

Name of Bidder

Street

City

Province

Postal Code

Facsimile Number

(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. 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: C020050301

5. 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.

6. 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.

7. 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.

8. 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.

9. 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	_____
	_____		_____
	_____		_____

10. Time

This offer shall be open for acceptance, binding and irrevocable for a period of forty-five (45) Calendar Days following the Submission Deadline.

11. Signatures

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

_____ day of _____, 20_____ .

(If no corporate seal)
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)

2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A	Brazier Street - Chalmers to Harbison					
A. 1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	70.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	200.0		
b)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	20.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	60.0		
A. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	4		
A. 3	Watermain Valve	CW 2110				
a)	150mm		each	7		
b)	250mm		each	1		
A. 4	Fittings	CW 2110				
a)	Tees					
i)	150mm X 150mm X 150mm		each	1		
ii)	250mm x 250mm x 250 mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 22 1/2°		each	2		
ii)	150mm - 45°		each	10		
c)	Crosses					
i)	150mm X 150mm X 150mm X 150mm		each	2		
d)	Reducers					
i)	250mm - 150mm		each	2		
e)	Plugs					
i)	150mm		each	2		

FORM B: PRICES (UNIT PRICE)

(SEE B9)

2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A. 5	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	5		
ii)	250mm		each	1		
A. 6	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	25.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	16.0		
A. 7	Corporation Stops	CW 2110				
a)	19mm		each	6		
A. 8	Curb Stops	CW 2110				
a)	19mm		each	4		
A. 9	Curb Stop Boxes	CW 2110				
a)	19mm		each	4		
A. 10	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	2		
A. 11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	5		
b)	On Water Services		each	4		
A. 12	Continuity Bonding	CW 2110	each	2		
A. 13	Watermain and Water Service Insulation	CW 2110				
a)	In a trench (SD - 018)					
i)	75mm thick		m	10		

FORM B: PRICES (UNIT PRICE)

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2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A. 14	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete		m ²	75.0		
b)	Installation					
i)	150mm reinforced concrete		m ²	75.0		
A. 15	Miscellaneous Concrete Slab Removal	CW 3235				
a)	Sidewalk		m ²	70.0		
A. 16	Miscellaneous Concrete Slab Installation	CW 3235				
a)	Sidewalk		m ²	70.0		
A. 17	Concrete Curb Removal	CW 3240				
a)	Barrier curb		m	30.0		
b)	Ramp curb		m	15.0		
A. 18	Concrete Curb Installation	CW 3240				
a)	Barrier Curb		m	30.0		
b)	Ramp curb		m	15.0		
A. 19	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	15.0		
Subtotal Part A						
B	Devon Avenue - 182m W of Rothesay to Rothesay					
B. 1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	30.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	200.0		
B. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	3		
B. 3	New Hydrant Assembly on Existing Watermain	CW 2110				
a)	SD-006		each	1		

FORM B: PRICES (UNIT PRICE)

(SEE B9)

2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B. 4	Watermain Valve	CW 2110				
a)	150mm		each	2		
B. 5	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	150mm - 45°		each	2		
B. 6	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	1		
B. 7	Corporation Stops	CW 2110				
a)	19mm		each	22		
B. 8	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	22		
B. 9	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	3		
B. 10	Continuity Bonding	CW 2110	each	22		
B. 11	Watermain and Water Service Insulation	CW 2110				
a)	In a trench (SD - 018)					
i)	75mm thick		m	10		
B. 12	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete		m ²	25.0		
b)	Installation					
i)	150mm reinforced concrete		m ²	25.0		
B. 13	Miscellaneous Concrete Slab Removal	CW 3235				
a)	Sidewalk		m ²	10.0		
B. 14	Miscellaneous Concrete Slab Installation	CW 3235				
a)	Sidewalk		m ²	10.0		

FORM B: PRICES (UNIT PRICE)

(SEE B9)

2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B. 15	Concrete Curb Removal	CW 3240				
a)	Barrier curb		m	5.0		
b)	Ramp curb		m	3.0		
B. 16	Concrete Curb Installation	CW 3240				
a)	Barrier Curb		m	5.0		
b)	Ramp curb		m	3.0		
B. 17	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	5.0		
Subtotal Part B						
C	Donwood Drive - 202m W of Pinecrest to Pinecrest					
C. 1	Watermain Renewal	CW 2110				
a)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	40.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	175.0		
C. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	1		
C. 3	Watermain Valve	CW 2110				
a)	150mm		each	2		
b)	200mm		each	2		
C. 4	Fittings	CW 2110				
a)	Tees					
i)	200mm X 200mm X 150mm		each	6		
b)	Bends (SD-004)					
i)	150mm - 22 1/2°		each	2		
ii)	200mm - 22 1/2°		each	4		
C. 5	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	5		
ii)	200mm		each	2		

FORM B: PRICES (UNIT PRICE)

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2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C. 6	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
b)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	10.0		
C. 7	Corporation Stops	CW 2110				
a)	19mm		each	2		
C. 8	Curb Stops	CW 2110				
a)	19mm		each	1		
C. 9	Curb Stop Boxes	CW 2110				
a)	19mm		each	1		
C. 10	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	1		
C. 11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	6		
b)	On Water Services		each	2		
C. 12	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete		m ²	30.0		
b)	Installation					
i)	150mm reinforced concrete		m ²	30.0		
C. 13	Miscellaneous Concrete Slab Removal	CW 3235				
a)	Sidewalk		m ²	20.0		
C. 14	Miscellaneous Concrete Slab Installation	CW 3235				
a)	Sidewalk		m ²	20.0		
C. 15	Concrete Curb Removal	CW 3240				
a)	Barrier curb		m	10.0		

FORM B: PRICES (UNIT PRICE)

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2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C. 16	Concrete Curb Installation	CW 3240				
a)	Barrier Curb		m	10.0		
C. 17	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	5.0		
Subtotal Part C						
D	Henderson Highway - Dearborn to Gordon					
D. 1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	15.0		
b)	300mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	160.0		
D. 2	Watermain Valve	CW 2110				
a)	100mm		each	1		
b)	150mm		each	2		
c)	300mm		each	2		
D. 3	Fittings	CW 2110				
a)	Tees					
i)	300mm x 300mm x 150 mm		each	3		
b)	Bends (SD-004)					
i)	150mm - 11 1/4°		each	1		
ii)	150mm - 45°		each	2		
iii)	300mm - 22 1/2°		each	4		
c)	Reducers					
i)	150mm - 100mm		each	1		
D. 4	Water Services	CW 2110				
a)	100mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	3.0		

FORM B: PRICES (UNIT PRICE)

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2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D. 5	Corporation Stops	CW 2110				
a)	19mm		each	2		
b)	25mm		each	3		
D. 6	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	2		
iii)	300mm		each	2		
D. 7	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	2		
b)	25mm		each	3		
D. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	4		
b)	On Water Services		each	5		
D. 9	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	200mm reinforced concrete		m ²	100.0		
b)	Installation					
i)	200mm reinforced concrete		m ²	60.0		
ii)	200mm reinforced concrete pavement for early opening (24		m ²	40.0		
D. 10	Miscellaneous Concrete Slab Removal	CW 3235				
a)	Sidewalk		m ²	80.0		
D. 11	Miscellaneous Concrete Slab Installation	CW 3235				
a)	Sidewalk		m ²	80.0		
D. 12	Concrete Curb Removal	CW 3240				
a)	Barrier curb		m	80.0		
b)	Ramp curb		m	12.0		

FORM B: PRICES (UNIT PRICE)

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2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D. 13	Concrete Curb Installation	CW 3240				
a)	Barrier Curb		m	80.0		
b)	Ramp curb		m	12.0		
D. 14	Planing	CW 3450				
a)	Planing 0- 50 mm depth					
i)	Asphaltic Concrete		m ²	560.0		
D. 15	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	75.0		
Subtotal Part D						
E	Kingsford Avenue - 174m W of Roch to 62m W of Roch					
E. 1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	15.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	100.0		
E. 2	Hydrant Assembly	CW 2110				
a)	SD-007		each	1		
E. 3	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	2		
E. 4	Corporation Stops	CW 2110				
a)	19mm		each	13		
E. 5	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	13		
E. 6	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	7		
E. 7	Continuity Bonding	CW 2110	each	6		

FORM B: PRICES (UNIT PRICE)

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2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E. 8	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete		m ²	20.0		
b)	Installation					
i)	150mm reinforced concrete		m ²	20.0		
E. 9	Miscellaneous Concrete Slab Removal	CW 3235				
a)	Sidewalk		m ²	10.0		
E. 10	Miscellaneous Concrete Slab Installation	CW 3235				
a)	Sidewalk		m ²	10.0		
E. 11	Concrete Curb Removal	CW 3240				
a)	Barrier curb		m	5.0		
E. 12	Concrete Curb Installation	CW 3240				
a)	Barrier Curb		m	5.0		
E. 13	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	2.0		
Subtotal Part E						
E	Louelda Street - Treger to 90m N of Treger					
F. 1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	20.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	80.0		
b)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	10.0		
F. 2	Watermain Valve	CW 2110				
a)	150mm		each	1		
b)	200mm		each	1		

FORM B: PRICES (UNIT PRICE)

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2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F. 3	Fittings	CW 2110				
a)	Tees					
i)	200mm X 200mm X 150mm		each	2		
b)	Bends (SD-004)					
i)	150mm - 45°		each	2		
c)	Bends (SD-005)					
i)	200mm - 45°		each	2		
d)	Reducers					
i)	200mm - 150mm		each	1		
F. 4	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	3		
ii)	200mm		each	1		
F. 5	Corporation Stops	CW 2110				
a)	19mm		each	3		
b)	25mm		each	3		
F. 6	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	3		
b)	25mm		each	3		
F. 7	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1.0		
b)	On Water Services		each	6.0		
F. 8	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete		m ²	20.0		
b)	Installation					
i)	150mm reinforced concrete		m ²	20.0		
F. 9	Miscellaneous Concrete Slab Removal	CW 3235				
a)	Sidewalk		m ²	10.0		

FORM B: PRICES (UNIT PRICE)

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2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F. 10	Miscellaneous Concrete Slab Installation	CW 3235				
a)	Sidewalk		m ²	10.0		
F. 11	Concrete Curb Removal	CW 3240				
a)	Barrier curb		m	5.0		
b)	Ramp curb		m	3.0		
F. 12	Concrete Curb Installation	CW 3240				
a)	Barrier Curb		m	5.0		
b)	Ramp curb		m	3.0		
F. 13	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	5.0		
Subtotal Part F						
G	Pinecrest Bay - Donwood to N Leg Pinecrest					
G. 1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	20.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	70.0		
G. 2	Watermain Valve	CW 2110				
a)	150mm		each	1		
G. 3	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	150mm - 22 1/2°		each	2		
ii)	150mm - 45°		each	2		
G. 4	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	1		
G. 5	Corporation Stops	CW 2110				
a)	19mm		each	4		

FORM B: PRICES (UNIT PRICE)

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2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G. 6	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	4		
G. 7	Continuity Bonding	CW 2110	each	4		
G. 8	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete		m ²	10.0		
b)	Installation					
i)	150mm reinforced concrete		m ²	10.0		
G. 9	Miscellaneous Concrete Slab Removal	CW 3235				
a)	Sidewalk		m ²	10.0		
G. 10	Miscellaneous Concrete Slab Installation	CW 3235				
a)	Sidewalk		m ²	10.0		
G. 11	Concrete Curb Removal	CW 3240				
a)	Barrier curb		m	5.0		
b)	Ramp curb		m	3.0		
G. 12	Concrete Curb Installation	CW 3240				
a)	Barrier Curb		m	5.0		
b)	Ramp curb		m	3.0		
G. 13	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	2.0		
Subtotal Part G						
H	Rothesay Street - Oakland to Devon					
H. 1	Watermain Renewal	CW 2110				
a)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	20.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	65.0		
H. 2	Watermain Valve	CW 2110				
a)	200mm		each	1		

FORM B: PRICES (UNIT PRICE)

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2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H. 3	Fittings	CW 2110				
a)	Tees					
i)	200mm X 200mm X 150mm		each	1		
b)	Bends (SD-004)					
i)	200mm - 22 1/2°		each	2		
ii)	200mm - 45°		each	2		
H. 4	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	200mm		each	2		
H. 5	Corporation Stops	CW 2110				
a)	19mm		each	7		
H. 6	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	7		
H. 7	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	4		
H. 8	Continuity Bonding	CW 2110	each	3		
H. 9	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete		m ²	10.0		
b)	Installation					
i)	150mm reinforced concrete		m ²	10.0		
H. 10	Concrete Curb Removal	CW 3240				
a)	Barrier curb		m	5.0		
H. 11	Concrete Curb Installation	CW 3240				
a)	Barrier Curb		m	5.0		
H. 12	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	2.0		
Subtotal Part H						

FORM B: PRICES (UNIT PRICE)

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2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I	Stuart Avenue - Henderson to 90m E of Henderson					
I. 1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	50.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	55.0		
I. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	1		
I. 3	Watermain Valve	CW 2110				
a)	150mm		each	2		
I. 4	Fittings	CW 2110				
a)	Tees					
i)	300mm x 300mm x 150 mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 11 1/4°		each	1		
ii)	150mm - 22 1/2°		each	2		
I. 5	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)	300mm		each	1		
I. 6	Corporation Stops	CW 2110				
a)	19mm		each	4		
b)	25mm		each	1		
I. 7	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	4		
b)	25mm		each	1		
I. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1.0		

FORM B: PRICES (UNIT PRICE)

(SEE B9)

2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I. 9	Continuity Bonding	CW 2110	each	5		
I. 10	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete		m ²	15.0		
b)	Installation					
c)	Installation					
i)	150mm reinforced concrete		m ²	15.0		
I. 11	Miscellaneous Concrete Slab Removal	CW 3235				
a)	Sidewalk		m ²	40.0		
I. 12	Miscellaneous Concrete Slab Installation	CW 3235				
a)	Sidewalk		m ²	40.0		
I. 13	Concrete Curb Removal	CW 3240				
a)	Barrier curb		m	5.0		
I. 14	Concrete Curb Installation	CW 3240				
a)	Barrier Curb		m	5.0		
I. 15	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	10.0		
Subtotal Part I						
J	Provisional Items					
J. 1	Fittings	CW 2110				
a)	Bends (SD-005)					
i)	150mm - 45°		each	6		
ii)	200mm - 45°		each	2		
iii)	250mm - 45°		each	2		
iv)	300mm - 45°		each	2		
J. 2	Maintaining Curb Stop Excavations	CW 2110	each / day	5		
J. 3	Regrading Existing Interlocking Paving Stone Installations	CW 3330	m ²	50.0		

FORM B: PRICES (UNIT PRICE)

(SEE B9)

2005 WATERMAIN RENEWALS - CONTRACT 5

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J. 4	Regrading of Existing Sewer Service - Up to 1.5 metres Long	CW 2110				
a)	150mm		each	10		
b)	200mm		each	2		
J. 5	Regrading of Existing Sewer Service - Longer Than 1.5 metres	CW 2110				
a)	150mm		m	10		
b)	200mm		m	10		
J. 6	Cement Stabilized Backfill Material	2030	m ³	50.0		
J. 7	Street Light Cable Trenching	E7				
a)	trenching		m	100.0		
b)	coring		m	100.0		
J. 8	Sodding	CW 3510	m ²	100.0		
J. 9	Catchpits (SD-023)	CW 2130	each	2		
J. 10	Catchbasins	CW 2130				
a)	SD-024		each	4		
b)	SD-025		each	2		
J. 11	Surfacing Material	CW 3150				
a)	Limestone		tonne	20.0		

Subtotal Part J

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. 339-2005

2005 WATERMAIN RENEWALS – CONTRACT NO. 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. 339-2005

2005 WATERMAIN RENEWALS – CONTRACT NO. 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 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: _____ (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 Branch
185 King Street, Main Floor
Winnipeg MB R3B 1J1

RE: BID SECURITY - BID OPPORTUNITY NO. 339-2005
2005 WATERMAIN RENEWALS – CONTRACT NO. 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 August 12, 2005.

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)