

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

1. Contract Title 2012 WATER SERVICE REPLACEMENTS – CONTRACT 17

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 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 C4.

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

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

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

No. \_\_\_\_\_ Dated \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

12. Signatures

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

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

Signature of Bidder or  
Bidder's Authorized Official or Officials

\_\_\_\_\_

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

\_\_\_\_\_

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

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Area B - 61 Blackmore</b>						
A. 1	Watermain	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	3.0		
A. 2	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	36.0		
A. 3	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	1		
A. 4	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
A. 5	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
A. 6	Excavation at Watermain to Abandon Exist Service	E8	each	1.0		
A. 7	Connecting New Copper Water Services to New Watermain	CW 2110				
a)	150mm Polyvinyl Chloride		each	1		
A. 8	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1.0		
A. 9	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2.0		
A. 10	Fittings	CW 2110				
a)	Plugs					
i)	150mm		each	1		
A. 11	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	Inline connection - plug existing		each	1		
A. 12	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m <sup>2</sup>	10.0		
<b>Subtotal A:</b>						

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Area B - 533 Castle</b>						
B. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	13.0		
B. 2	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	1		
B. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
B. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
B. 5	Excavation at Watermain	E8	each	1.0		
B. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	200mm Cast Iron		each	1		
B. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1.0		
B. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1.0		
b)	On Water Services		each	2.0		
B. 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
<b>Subtotal B:</b>						
<b>Area B - 241 Chalmers</b>						
C. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	12.0		
C. 2	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	1		
C. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
C. 5	Excavation at Watermain	E8	each	1		
C. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Cast Iron		each	1		
C. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
C. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	2		
C. 9	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m <sup>2</sup>	5.0		
C. 10	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
C. 11	Concrete Curb Renewal	E5				
a)	Barrier curb (SD-204)		m	3.0		
C. 12	Sewer Inspection	CW 2145 & E13				
a)	300mm CS		m	15		
<b>Subtotal C:</b>						
<b>Area B - 220 Egerton</b>						
D. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	4.0		
D. 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
D. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
D. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
D. 5	Excavation at Watermain	E8	each	1		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Asbestos Cement		each	1		
D. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
D. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2		
<b>Subtotal D:</b>						
<b>Area B - 405 Westmount</b>						
E. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	17.0		
E. 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
E. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
E. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
E. 5	Excavation at Watermain	E8	each	1		
E. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	300mm Asbestos Cement		each	1		
E. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
E. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2		
E. 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
<b>Subtotal E:</b>						
<b>Area C - 41 Cordova</b>						
F. 1	Water Services	CW 2110				

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a) i)	19mm trenchless installation, Class B sand bedding, Class 3 backfill		m	17.0		
F. 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
F. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
F. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
F. 5	Excavation at Watermain	E8	each	1		
F. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Polyvinyl Chloride		each	1		
F. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
F. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2		
F. 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
<b>Subtotal F:</b>						
<b>Area C - 1086 Corydon</b>						
G. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
G. 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
G. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
G. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
G. 5	Excavation at Watermain	E8	each	1		



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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Polyvinyl Chloride		each	1		
G. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
G. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	1		
G. 9	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m <sup>2</sup>	5.0		
G. 10	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
G. 11	Concrete Curb Renewal	E5				
a)	Barrier curb (SD-204)		m	3.0		
G. 12	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	0.8		
<b>Subtotal G:</b>						
<b>Area C - 77 D'Arcy Drive</b>						
H. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	15.0		
H. 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
H. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
H. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
H. 5	Excavation at Watermain	E8	each	1		
H. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Polyvinyl Chloride		each	1		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
H. 8 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	2		
H. 9 a)	Partial Slab Patches 150mm reinforced concrete pavement	E6	m <sup>2</sup>	5.0		
H. 10 a)	Concrete Curb Renewal Barrier curb (SD-204)	E5	m	3.0		
H. 11 a)	Sewer Inspection 200mm WWS	CW 2145 & E13	m	5.0		
<b>Subtotal H:</b>						
<b>Area C - 202 King's Drive</b>						
I. 1 a) i)	Water Services 25mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2110	m	5.0		
I. 2 a)	Corporation Stops 25mm with Saddle	CW 2110	each	1		
I. 3 a)	Curb Stops - Replace Existing 25mm	CW 2110	each	1		
I. 4 a)	Curb Stop Boxes - Replace Existing 25mm	CW 2110	each	1		
I. 5	Excavation at Watermain	E8	each	1		
I. 6 a)	Connecting New Copper Water Services to Existing Watermains 150mm Polyvinyl Chloride	CW 2110 & E9	each	1		
I. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
I. 8 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	2		
I. 9	Construction of Asphaltic Concrete Patches Type 1A	CW 3410	m <sup>2</sup>	5.0		
<b>Subtotal I:</b>						

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Area C - 514 Manchester South</b>						
J. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
J. 2	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	1		
J. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
J. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
J. 5	Excavation at Watermain	E8	each	1		
J. 6	Connecting New Copper Water Services to Existing Water Service	CW 2110 & E9				
a)	150mm Cast Iron		each	1		
J. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
J. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	2		
J. 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
J. 10	Construction of Asphaltic Concrete Patches Type 1A	CW 3410	m <sup>2</sup>	5.0		
<b>Subtotal J:</b>						
<b>Area C - 925, 933 &amp; 955 Merriam Boulevard</b>						
K. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	51.0		
K. 2	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	3		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	3		
K. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	3		
K. 5	Excavation at Watermain	E8	each	3		
K. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Cast Iron		each	3		
K. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	3		
K. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	3		
b)	On Water Services		each	6		
K. 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	21.0		
K. 10	Sewer Inspection	CW 2145 & E13				
a)	300mm LDS		m	30		
b)	375mm LDS		m	50		
<b>Subtotal K:</b>						
<b>Area C - 389 Montrose</b>						
L. 1	Water Services	CW 2110				
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	16.0		
L. 2	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	1		
L. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
L. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
L. 5	Excavation at Watermain	E8	each	1		
L. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	150mm Cast Iron		each	1		
L. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
L. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	2		
L. 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
<b>Subtotal L:</b>						
<b>Area C - 35 &amp; 225 Oak Street</b>						
M. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	16.0		
b)	25mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	16.0		
M. 2	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	1		
b)	25mm Direct Tap		each	1		
M. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
b)	25mm		each	1		
M. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
b)	25mm		each	1		
M. 5	Excavation at Watermain	E8	each	2		
M. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Cast Iron		each	2		
M. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	2		
M. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	On Metallic Watermains		each	2		
b)	On Water Services		each	4		
M. 9	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m <sup>2</sup>	5.0		
M. 10	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
M. 11	Concrete Curb Renewal	E5				
a)	Barrier curb (SD-204)		m	3.0		
M. 12	Sewer Inspection	CW 2145 & E13				
a)	300mm CS		m	10		
<b>Subtotal M:</b>						
<b>Area C - 663 Viscount Place</b>						
N. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	18.0		
N. 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
N. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
N. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
N. 5	Excavation at Watermain	E8				
			each	1		
N. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Polyvinyl Chloride		each	1		
N. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110				
			each	1		
N. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2		
N. 9	Sewer Inspection	CW 2145 & E13				
a)	200mm WWS		m	10		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Subtotal N:</b>						
	<b>Area C - 1021 &amp; 1200 Wellington Cres</b>					
O. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	16.0		
b)	50mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	42.0		
O. 2	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	1		
b)	50mm with Saddle		each	1		
O. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
b)	50mm		each	1		
O. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
b)	50mm		each	1		
O. 5	Excavation at Watermain	E8	each	2		
O. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Cast Iron		each	1		
b)	200mm Asbestos Cement		each	1		
O. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	2		
O. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	4		
O. 9	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m <sup>2</sup>	5.0		
O. 10	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
O. 11	Concrete Curb Renewal	E5				

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	Barrier curb (SD-204)	CW 2145 & E13	m	3.0		
O. 12 a)	Sewer Inspection 300mm CS		m	5		
<b>Subtotal O:</b>						
<b>Area A1 - 31 Amundsen Bay</b>						
P. 1 a) i)	Water Services 19mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2110	m	23.0		
P. 2 a)	Corporation Stops 19mm with Saddle	CW 2110	each	1		
P. 3 a)	Curb Stops - Replace Existing 19mm	CW 2110	each	1		
P. 4 a)	Curb Stop Boxes - Replace Existing 19mm	CW 2110	each	1		
P. 5	Excavation at Watermain	E8	each	1		
P. 6	Excavation at Watermain to Abandon Exist Service	E8	each	1		
P. 7 a)	Connecting New Copper Water Services to Existing Watermains 150mm Polyvinyl Chloride	CW 2110 & E9	each	1		
P. 8	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
P. 9 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	2		
<b>Subtotal P:</b>						
<b>Area A1 - 680 Arlington</b>						
Q. 1 a) i)	Water Services 19mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2110	m	16.0		
Q. 2 a)	Corporation Stops 19mm Direct Tap	CW 2110	each	1		



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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Q. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
Q. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
Q. 5	Excavation at Watermain	E8	each	1		
Q. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	350mm Cast Iron		each	1		
Q. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
Q. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	2		
Q. 9	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m <sup>2</sup>	5.0		
Q. 10	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
Q. 11	Concrete Curb Renewal	E5				
a)	Barrier curb (SD-204)		m	3.0		
Q. 12	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	0.8		
<b>Subtotal Q:</b>						
<b>Area A1 - 234 Conway St</b>						
R. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	16.0		
R. 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
R. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
R. 4 a)	Curb Stop Boxes - Replace Existing 19mm	CW 2110	each	1		
R. 5	Excavation at Watermain	E8	each	1		
R. 6 a)	Connecting New Copper Water Services to Existing Watermains 150mm Polyvinyl Chloride	CW 2110 & E9	each	1		
R. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
R. 8 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	2		
R. 9 a)	Sewer Inspection 300mm CS	CW 2145 & E13	m	15		
<b>Subtotal R:</b>						
<b>Area A1 - 32 Home St</b>						
S. 1 a) i)	Water Services 19mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2110	m	16.0		
S. 2 a)	Corporation Stops 19mm Direct Tap	CW 2110	each	1		
S. 3 a)	Curb Stops - Replace Existing 19mm	CW 2110	each	1		
S. 4 a)	Curb Stop Boxes - Replace Existing 19mm	CW 2110	each	1		
S. 5	Excavation at Watermain	E8	each	1		
S. 6 a)	Connecting New Copper Water Services to Existing Watermains 150mm Cast Iron	CW 2110 & E9	each	1		
S. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
S. 8 a)	10.9 Kilogram Sacrificial Zinc Anodes On Metallic Watermains	CW 2110	each	1		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
b)	On Water Services		each	2		
S. 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
S. 10	Concrete Curb Renewal	E5				
a)	Barrier curb (SD-204)		m	3.0		
S. 11	Construction of Asphaltic Concrete Patches Type 1A	CW 3410				
		CW 2145 & E13	m <sup>2</sup>	5.0		
S. 12	Sewer Inspection					
a)	300mm CS		m	15		
<b>Subtotal S:</b>						
<b>Area A1 - 608 &amp; 612 Lipton St</b>						
T. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	28.0		
T. 2	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	2		
T. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	2		
T. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	2		
T. 5	Excavation at Watermain	E8				
			each	1		
T. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	400mm Cast Iron		each	2		
T. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110				
			each	2		
T. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	2		
b)	On Water Services		each	4		
T. 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Subtotal T:</b>						
<b>Area A1 - 314 Marjorie Street</b>						
U. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	15.0		
U. 2	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	1		
U. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
U. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
U. 5	Excavation at Watermain	E8	each	1		
U. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Cast Iron		each	1		
U. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
U. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	2		
U. 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
<b>Subtotal U:</b>						
<b>Area A1 - 900 Minto Street</b>						
V. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	13.0		
V. 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
V. 3	Curb Stops - Replace Existing	CW 2110				

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	19mm		each	1		
V. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
V. 5	Excavation at Watermain	E8	each	1		
V. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Polyvinyl Chloride		each	1		
V. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
V. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2		
V. 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
V. 10	Concrete Curb Renewal	E5				
a)	Barrier curb (SD-204)		m	3.0		
V. 11	Construction of Asphaltic Concrete Patches Type 1A	CW 3410				
			m <sup>2</sup>	5.0		
V. 12	Sewer Inspection	CW 2145 & E13				
a)	300mm CS		m	50		
<b>Subtotal V:</b>						
<b>Area A1 - 252 Moray St</b>						
W. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	27.0		
W. 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
W. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
W. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
W. 5	Excavation at Watermain	E8	each	1		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
W. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	250mm Asbestos Cement		each	1		
W. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
W. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2		
W. 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
W. 10	Concrete Curb Renewal	E5				
a)	Barrier curb (SD-204)		m	3.0		
W. 11	Sewer Inspection	CW 2145 & E13				
a)	250mm WWS		m	15		
<b>Subtotal W:</b>						
	<b>Area A1 - 495 &amp; 499 Raquette Street</b>					
X. 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	32.0		
X. 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	2		
X. 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	2		
X. 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	2		
X. 5	Excavation at Watermain	E8	each	2		
X. 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Polyvinyl Chloride		each	2		
X. 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	2		
X. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	On Water Services		each	4		
X. 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)	CW 2145 & E13	m <sup>2</sup>	13.5		
X. 10	Sewer Inspection					
a)	600mm LDS		m	22		
<b>Subtotal X:</b>						
<b>Area A1 - 250 Sharp Boulevard</b>						
Y 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	17.0		
Y 2	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	1		
Y 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
Y 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
Y 5	Excavation at Watermain	E8	each	1		
Y 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Cast Iron		each	1		
Y 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
Y 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	2		
Y 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
<b>Subtotal Y:</b>						
<b>Area A1 - 750 Spruce Street</b>						
Z 1	Water Services	CW 2110				
a)	19mm					

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	14.0		
Z 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
Z 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
Z 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
Z 5	Excavation at Watermain	E8	each	1		
Z 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	200mm Polyvinyl Chloride		each	1		
Z 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
Z 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2		
Z 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
Z 10	Sewer Inspection	CW 2145 & E13				
a)	300mm CS		m	7		
<b>Subtotal Z:</b>						
<b>Area A1 - 352 &amp; 378 Truro</b>						
AA 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	24.0		
AA 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
b)	19mm Direct Tap		each	1		
AA 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	2		
AA 4	Curb Stop Boxes - Replace Existing	CW 2110				



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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	19mm		each	2		
AA 5	Excavation at Watermain	E8	each	2		
AA 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Cast Iron		each	1		
b)	200mm Polyvinyl Chloride		each	1		
AA 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	2		
AA 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	4		
AA 9	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m <sup>2</sup>	10.0		
AA 10	Concrete Curb Renewal	E5				
a)	Barrier curb (SD-204)		m	6.0		
<b>Subtotal AA:</b>						
<b>Area A1 - 268 Whytefold Road</b>						
AB 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	15.0		
AB 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
AB 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
AB 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
AB 5	Excavation at Watermain	E8	each	1		
AB 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Polyvinyl Chloride		each	1		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AB 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
AB 8 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	2		
AB 9 a)	Partial Slab Patches 150mm reinforced concrete pavement	E6	m <sup>2</sup>	5.0		
AB 10 a)	Miscellaneous Concrete Slab Renewal Sidewalk (SD-228A)	E4	m <sup>2</sup>	7.0		
AB 11 a)	Concrete Curb Renewal Barrier curb (SD-204)	E5	m	3.0		
<b>Subtotal AB:</b>						
<b>Area A1 - 105 Wordsworth Place</b>						
AC 1 a) i)	Water Services 19mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2110	m	26.0		
AC 2 a)	Corporation Stops 19mm Direct Tap	CW 2110	each	1		
AC 3 a)	Curb Stops - Replace Existing 19mm	CW 2110	each	1		
AC 4 a)	Curb Stop Boxes - Replace Existing 19mm	CW 2110	each	1		
AC 5	Excavation at Watermain	E8	each	1		
AC 6	Excavation at Watermain to Abandon Exist Service	E8	each	1		
AC 7 a)	Connecting New Copper Water Services to Existing Watermains 150mm Polyvinyl Chloride	CW 2110 & E9	each	1		
AC 8	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
AC 9 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	2		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AC 10	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m <sup>2</sup>	5.0		
AC 11	Concrete Curb Renewal	E4				
a)	Barrier curb (SD-204)	CW 2145 &	m	3.0		
		E13				
AC 12	Sewer Inspection					
a)	200mm WWS		m	5.0		
<b>Subtotal AC:</b>						
<b>Area A2 - 585 Anderson Avenue</b>						
AD 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	18.0		
AD 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
AD 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
AD 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
AD 5	Excavation at Watermain	E8				
			each	1		
AD 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Polyvinyl Chloride		each	1		
AD 7	Connecting New Copper Water Services to Existing Water Service	CW 2110				
			each	1		
AD 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2		
AD 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)	CW 2145 &	m <sup>2</sup>	7.0		
		E13				
AD 10	Sewer Inspection					
a)	300mm CS		m	35.0		
<b>Subtotal AD:</b>						

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>Area A2 - 1395 Bannatyne Avenue</b>						
AE 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	12.0		
AE 2	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	1		
AE 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
AE 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
AE 5	Excavation at Watermain	E8	each	1		
AE 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Cast Iron		each	1		
AE 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
AE 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	2		
AE 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
<b>Subtotal AE:</b>						
<b>Area A2 - 679 &amp; 685 Burrows Avenue</b>						
AF 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	53.0		
AF 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	2		
AF 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	2		

**FORM B: PRICES**  
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2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AF 4 a)	Curb Stop Boxes - Replace Existing 19mm	CW 2110	each	2		
AF 5	Excavation at Watermain	E8	each	2		
AF 6 a)	Connecting New Copper Water Services to Existing Watermains 150mm Asbestos Cement	CW 2110 & E9	each	2		
AF 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	2		
AF 8 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	4		
AF 9 a)	Partial Slab Patches 150mm reinforced concrete pavement	E6	m <sup>2</sup>	10.0		
AF 10 a)	Miscellaneous Concrete Slab Renewal Sidewalk (SD-228A)	E4	m <sup>2</sup>	13.5		
AF 11 a)	Concrete Curb Renewal Barrier curb (SD-204)	E5	m	6.0		
AF 12 a)	Sewer Inspection 300mm CS	CW 2145 & E13	m	35.0		
<b>Subtotal AF:</b>						
<b>Area A2 - 359 Lansdowne Avenue</b>						
AG 1 a) i)	Water Services 19mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2110	m	16.0		
AG 2 a)	Corporation Stops 19mm Direct Tap	CW 2110	each	1		
AG 3 a)	Curb Stops - Replace Existing 19mm	CW 2110	each	1		
AG 4 a)	Curb Stop Boxes - Replace Existing 19mm	CW 2110	each	1		
AG 5	Excavation at Watermain	E8	each	1		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AG 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Cast Iron		each	1		
AG 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
AG 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	2		
AG 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
<b>Subtotal AG:</b>						
<b>Area A2 - 349 Magnus Avenue</b>						
AH 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	13.0		
AH 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
AH 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
AH 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
AH 5	Excavation at Watermain	E8	each	1		
AH 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Polyvinyl Chloride		each	1		
AH 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
AH 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2		
AH 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AH 10 a)	Sewer Inspection 300mm CS	CW 2145 & E13	m	10.0		
<b>Subtotal AH:</b>						
<b>Area A2 - 1405 Manitoba Avenue</b>						
AI 1 a) i)	Water Services 19mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2110	m	16.0		
AI 2 a)	Corporation Stops 19mm Direct Tap	CW 2110	each	1		
AI 3 a)	Curb Stops - Replace Existing 19mm	CW 2110	each	1		
AI 4 a)	Curb Stop Boxes - Replace Existing 19mm	CW 2110	each	1		
AI 5	Excavation at Watermain	E8	each	1		
AI 6 a)	Connecting New Copper Water Services to Existing Watermains 250mm Polyvinyl Chloride	CW 2110 & E9	each	1		
AI 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
AI 8 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	2		
AI 9 a)	Miscellaneous Concrete Slab Renewal Sidewalk (SD-228A)	E4	m <sup>2</sup>	7.0		
<b>Subtotal AI:</b>						
<b>Area A2 - 408 McKenzie Street</b>						
AJ 1 a) i)	Water Services 19mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2110	m	17.0		
AJ 2 a)	Corporation Stops 19mm with Saddle	CW 2110	each	1		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AJ 3 a)	Curb Stops - Replace Existing 19mm	CW 2110	each	1		
AJ 4 a)	Curb Stop Boxes - Replace Existing 19mm	CW 2110	each	1		
AJ 5	Excavation at Watermain	E8	each	1		
AJ 6 a)	Connecting New Copper Water Services to Existing Watermains 150mm Polyvinyl Chloride	CW 2110 & E9	each	1		
AJ 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
AJ 8 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	2		
AJ 9 a)	Miscellaneous Concrete Slab Renewal Sidewalk (SD-228A)	E4	m <sup>2</sup>	7.0		
<b>Subtotal AJ:</b>						
<b>Area A2 - 425 &amp; 429 Mountain</b>						
AK 1 a) i)	Water Services 19mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2110	m	38.0		
AK 2 a)	Corporation Stops 19mm with Saddle	CW 2110	each	2		
AK 3 a)	Curb Stops - Replace Existing 19mm	CW 2110	each	2		
AK 4 a)	Curb Stop Boxes - Replace Existing 19mm	CW 2110	each	2		
AK 5	Excavation at Watermain	E8	each	2		
AK 6 a)	Connecting New Copper Water Services to Existing Watermains 250mm Polyvinyl Chloride	CW 2110 & E9	each	2		
AK 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	2		



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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AK 8 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	4		
AK 9 a)	Miscellaneous Concrete Slab Renewal Sidewalk (SD-228A)	E4	m <sup>2</sup>	28.0		
AK 10 a)	Sewer Inspection 300mm CS	CW 2145 & E13	m	50.0		
<b>Subtotal AK:</b>						
<b>Area A2 - 1817 &amp; 1925 Notre Dame</b>						
AL 1 a) i)	Water Services 19mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2110	m	15.0		
AL 2 a)	Corporation Stops 19mm with Saddle	CW 2110	each	2		
AL 3 a)	Curb Stops - Replace Existing 19mm	CW 2110	each	2		
AL 4 a)	Curb Stop Boxes - Replace Existing 19mm	CW 2110	each	2		
AL 5	Excavation at Watermain	E8	each	2		
AL 6 a)	Connecting New Copper Water Services to Existing Watermains 150mm Polyvinyl Chloride	CW 2110 & E9	each	2		
AL 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	2		
AL 8 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	4		
AL 9 a)	Partial Slab Patches 150mm reinforced concrete pavement	E6	m <sup>2</sup>	10.0		
AL 10 a)	Miscellaneous Concrete Slab Renewal Sidewalk (SD-228A)	E4	m <sup>2</sup>	7.0		
AL 11	Concrete Curb Renewal	E5				

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	Lip curb & gutter		m	3.0		
<b>Subtotal AL:</b>						
<b>Area A2 - 293 Polson Avenue</b>						
AM 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	13.0		
AM 2	Corporation Stops	CW 2110				
a)	19mm with Saddle		each	1		
AM 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
AM 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
AM 5	Excavation at Watermain	E8	each	1		
AM 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Polyvinyl Chloride		each	1		
AM 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
AM 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	2		
AM 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	13.5		
<b>Subtotal AM:</b>						
<b>Area A2 - 662 Redwood Avenue</b>						
AN 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	17.0		
AN 2	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	1		
AN 3	Curb Stops - Replace Existing	CW 2110				

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	19mm		each	1		
AN 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
AN 5	Excavation at Watermain	E8	each	1		
AN 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Cast Iron		each	1		
AN 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
AN 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	1		
b)	On Water Services		each	2		
AN 9	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	7.0		
AN 10	Sewer Inspection	CW 2145 & E13				
a)	375mm SRS		m	30.0		
<b>Subtotal AN:</b>						
<b>Area A2 - 450 Salter Street</b>						
AO 1	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	17.0		
AO 2	Corporation Stops	CW 2110				
a)	19mm Direct Tap		each	1		
AO 3	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	1		
AO 4	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	1		
AO 5	Excavation at Watermain	E8	each	1		
AO 6	Connecting New Copper Water Services to Existing Watermains	CW 2110 & E9				
a)	150mm Polyvinyl Chloride		each	1		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AO 7	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
AO 8 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	2		
AO 9 a)	Partial Slab Patches 150mm reinforced concrete pavement	E6	m <sup>2</sup>	5.0		
AO 10 a)	Miscellaneous Concrete Slab Renewal Sidewalk (SD-228A)	E4	m <sup>2</sup>	13.5		
AO 11 a)	Concrete Curb Renewal Barrier curb (SD-204)	E5	m	3.0		
<b>Subtotal AO:</b>						
<b>Area A2 - 603 William Avenue</b>						
AP 1 a) i)	Water Services 19mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2110	m	16.0		
AP 2 a)	Corporation Stops 19mm with Saddle	CW 2110	each	1		
AP 3 a)	Curb Stops - Replace Existing 19mm	CW 2110	each	1		
AP 4 a)	Curb Stop Boxes - Replace Existing 19mm	CW 2110	each	1		
AP 5	Excavation at Watermain	E8	each	1		
AP 6	Excavation at Watermain to Abandon Exist Service	E8	each	1		
AP 7 a)	Connecting New Copper Water Services to Existing Watermains 200mm Asbestos Cement	CW 2110 & E9	each	1		
AP 8	Connecting New Copper Water Services to Existing Water Service	CW 2110	each	1		
AP 9 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	2		

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AP 10	Partial Slab Patches	E6				
a)	150mm reinforced concrete pavement		m <sup>2</sup>	5.0		
AP 11	Miscellaneous Concrete Slab Renewal	E4				
a)	Sidewalk (SD-228A)		m <sup>2</sup>	13.5		
AP 12	Concrete Curb Renewal	E5				
a)	Barrier curb (SD-204)		m	3.0		
AP 13	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	0.8		
<b>Subtotal AP:</b>						
	<b>Provisional Items</b>					
AQ 1	Watermain and Water Service Insulation	CW 2110				
a)	50mm thick		m	60		
b)	100mm thick		m	90		
AQ 2	Watermain Repair	CW 2110				
a)	Replacement					
i)	150mm		m	1.0		
ii)	200mm		m	1.0		
iii)	250mm		m	1.0		
iv)	350mm		m	1.0		
v)	400mm		m	1.0		
b)	Stainless Steel Repair Clamp					
i)	150mm		each	1		
ii)	200mm		each	1		
iii)	250mm		each	1		
iv)	350mm		each	1		
v)	400mm		each	1		
AQ 3	Regrading of Existing Sewer Service - Up to 1.5 metres Long	CW 2110				
a)	100mm		each	2		
b)	150mm		each	5		
AQ 4	Regrading of Existing Sewer Service - Longer Than 1.5 metres	CW 2110				

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

2012 WATER SERVICE REPLACEMENTS - CONTRACT NO. 12

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	100mm		m	5.0		
b)	150mm		m	5.0		
AQ 5	Sewer Cleaning		m	100.0		
AQ 6	Regrading Existing Interlocking Paving Stone Installations	CW 3330	m <sup>2</sup>	50.0		
AQ 7	Remove and Replace Existing Catch Basin	CW 2130	each	1.0		
AQ 8	Sodding	CW 3510	m <sup>2</sup>	50.0		
<b>Subtotal AQ:</b>						
<b>Grand Total:</b>						

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 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. 514-2012

2012 WATER SERVICE REPLACEMENT S – CONTRACT 12

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 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. 514-2012

2012 WATER SERVICE REPLACEMENTS – CONTRACT 17

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 Division  
185 King Street, Main Floor  
Winnipeg MB R3B 1J1

RE: BID SECURITY - BID OPPORTUNITY NO. 514-2012  
2012 WATER SERVICE REPLACEMENTS – CONTRACT 17

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 27, 2012

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)