

**FORM B (R1): PRICES**  
 (See B9)

2005 WATERMAIN RENEWALS – CONTRACT NO. 6

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>A</b>	<b>Cornell Drive - Linacre Road to Baldry Bay</b>					
A.1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
b)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	24.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	128.0		
A.2	Watermain Valve	CW 2110				
a)	250mm		each	2		
A.3	Fittings	CW 2110				
a)	Crosses					
i)	150mm X 250mm X 150mm X 250mm		each	1		
A.4	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	3		
A.5	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	3		
A.6	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	plug not existing (in-line connection)					
i)	150mm		each	2		
ii)	250mm		each	2		
A.7	Corporation Stops	CW 2110				
a)	19mm		each	3		

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.8	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	10.0		
b)	Installation					
ii)	150mm reinforced concrete pavement		m <sup>2</sup>	10.0		
A.9	Concrete Curb Renewal	CW 3240				
a)	Lip curb & gutter		m	10.0		
b)	Ramp curb		m	10.0		
A.10	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	3.0		
<b>Part A Subtotal:</b>						
<b>B</b>	<b>McGuillivray Place - from E leg Biscayne Bay to E leg Rampart Bay</b>					
	<b>Beaumont Street - McGillivray Place to River Wood Avenue</b>					
B.1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	45.0		
b)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	185.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	204.0		
B.2	Hydrant Assembly	CW 2110				
a)	SD-007		each	4		
B.3	Watermain Valve	CW 2110				
a)	150mm		each	4		
b)	200mm		each	4		

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.4	Fittings	CW 2110				
a)	Tees					
i)	200mm X 200mm X 150mm		each	5		
ii)	200mm X 200mm X 200mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 45° bend		each	6		
ii)	200mm - 45° bend		each	2		
B.5	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	2.0		
B.6	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	plug not existing (in-line connection)					
i)	150mm		each	5		
ii)	200mm		each	3		
B.7	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	70.0		
ii)	200mm reinforced concrete pavement		m <sup>2</sup>	35.0		
b)	Installation					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	70.0		
ii)	200mm reinforced concrete pavement for early opening (24 hours)		m <sup>2</sup>	35.0		
B.8	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	Sidewalk		m <sup>2</sup>	6.0		

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.9	Concrete Curb Renewal	CW 3240				
a)	Barrier curb		m	60.0		
b)	Ramp curb		m	10.0		
B.10	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	26.0		
<b>Part B Subtotal:</b>						
<b>C</b>	<b>Nesbitt Bay - 110m west of E leg Nesbitt Bay to Crescent Drive</b>					
C.1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	34.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	46.0		
C.2	Watermain Valve	CW 2110				
a)	150mm		each	1		
C.3	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	150mm - 45° bend		each	2		
C.4	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	7		
C.5	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	9		
C.6	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	plug not existing (in-line connection)					
i)	150mm		each	2		

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.7	Replacement of Existing Water Connections	CW 2110				
a)	19mm trenchless installation, Class B sand bedding, Class 3 backfill		m	30.0		
C.8	Corporation Stops	CW 2110				
a)	19mm		each	7		
C.9	Curb Stops	CW 2110				
a)	19mm		each	2		
C.10	Curb Stop Boxes	CW 2110				
a)	19mm		each	2		
C.11	Full Depth Partial Slab Patches	CW 2110				
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		
C.12	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	Sidewalk		m <sup>2</sup>	15.0		
C.13	Concrete Curb Renewal	CW 3240				
a)	Barrier curb & gutter		m	12.0		
b)	Ramp curb		m	10.0		
C.14	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	7.0		
<b>Part C Subtotal:</b>						

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UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b><u>D</u></b>	<b>Patricia Avenue - Leach Street to King's Drive</b>					
D.1	Watermain Renewal	CW 2110				
a)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	272.0		
b)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	37.0		
D.2	Hydrant Assembly	CW 2110				
a)	SD-006		each	1		
b)	SD-007		each	2		
D.3	Watermain Valve	CW 2110				
a)	200mm		each	1		
b)	150mm		each	1		
D.4	Fittings	CW 2110				
a)	Tees					
i)	200mm X 200mm X 150mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 45° bend		each	4		
c)	Reducers					
ii)	200mm -150mm		each	1		
D.5	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	22		
D.6	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	23		
b)	On Metallic Watermains		each	2		

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.7	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	plug not existing (in-line connection)					
i)	150mm		each	2		
ii)	200mm		each	1		
D.8	Replacement of Existing Water Connections	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	17.0		
D.9	Corporation Stops	CW 2110				
a)	19mm		each	22		
D.10	Curb Stops	CW 2110				
a)	19mm		each	1		
D.11	Curb Stop Boxes	CW 2110				
a)	19mm		each	1		
D.12	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	3.0		
b)	Installation					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	3.0		
D.13	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	Sidewalk		m <sup>2</sup>	40.0		
D.14	Concrete Curb Renewal	CW 3240				
a)	Barrier curb & gutter		m	10.0		
b)	Ramp curb		m	10.0		

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UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.15	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	5.0		
<b>Part D Subtotal:</b>						
<b>E</b>	<b>Seel Avenue - Waverley Street to 80m E of Waverley Street</b>					
E.1	Watermain Renewal	CW 2110				
a)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	52.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	81.0		
E.2	Hydrant Assembly	CW 2110				
a)	SD-006		each	1		
E.3	Watermain Valve	CW 2110				
a)	200mm		each	3		
E.4	Fittings	CW 2110				
a)	Tees					
i)	200mm X 200mm X 200mm		each	2		
b)	Bends (SD-004)					
i)	200mm - 22 1/2° bend		each	1		
E.5	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	1.0		
b)	On Metallic Watermains		each	2.0		
E.6	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	1		
E.7	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	plug not existing (in-line connection)					
i)	200mm		each	4		



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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.8	Corporation Stops	CW 2110				
a)	19mm		each	1		
E.9	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	17.0		
b)	Installation					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	17.0		
E.10	Concrete Curb Renewal	CW 3240				
a)	Barrier curb		m	20.0		
b)	Ramp curb		m	10.0		
E.11	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	3.0		
<b>Part E Subtotal:</b>						
<b>E</b>	<b>Tunis Bay (W leg) - from S leg Tunis to Silverstone Avenue</b>					
F.1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	191.0		
F.2	Hydrant Assembly	CW 2110				
a)	SD-006		each	2		
F.3	Watermain Valve	CW 2110				
a)	150mm		each	2		
F.4	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	150mm - 22 1/2° bend		each	3		
ii)	150mm - 45° bend		each	3		

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.5	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	19		
F.6	Continuity Bonding	CW 2110	each	11		
F.7	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	9.0		
F.8	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	plug not existing (in-line connection)					
i)	150mm		each	2		
F.9	Replacement of Existing Water Connections	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	15.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	15.0		
F.10	Corporation Stops	CW 2110				
a)	19mm		each	19		
F.11	Curb Stops	CW 2110				
a)	19mm		each	1		
F.12	Curb Stop Boxes	CW 2110				
a)	19mm		each	1		
F.13	Full Depth Partial Slab Patches	CW 2110				
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		

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.14	Concrete Curb Renewal	CW 3240				
a)	Lip curb & gutter		m	10.0		
b)	Ramp curb		m	10.0		
<b>Part F Subtotal:</b>						
<b>G</b>	<b>Waterford Bay - Burgundy Crescent to Beaumont Street</b>					
G.1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	216.0		
b)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	18.0		
G.2	Hydrant Assembly	CW 2110				
a)	SD-006		each	2		
G.3	Watermain Valve	CW 2110				
a)	150mm		each	2		
b)	200mm		each	1		
G.4	Fittings	CW 2110				
a)	Tees					
i)	150mm X 150mm X 200mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 45° bend		each	4		
G.5	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	19mm		each	18		
G.6	Continuity Bonding	CW 2110	each	11		

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.7	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	9		
b)	On Metallic Watermains		each	2		
G.8	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	plug not existing (in-line connection)					
i)	150mm		each	1		
ii)	200mm		each	2		
G.9	Replacement of Existing Water Connections	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	28.0		
G.10	Corporation Stops	CW 2110				
a)	19mm		each	18		
G.11	Curb Stops	CW 2110				
a)	19mm		each	2		
G.12	Curb Stop Boxes	CW 2110				
a)	19mm		each	2		
G.13	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	25.0		
b)	Installation					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	25.0		

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.14	Concrete Curb Renewal	CW 3240				
a)	Lip curb & gutter		m	15.0		
b)	Ramp curb		m	10.0		
G.15	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	6.0		
<b>Part G Subtotal:</b>						
<b>H</b>	<b>Waverley Street - 115m N of buffalo Place to Seel Avenue</b>					
H.1	Watermain Renewal	CW 2110				
a)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	18.0		
b)	300mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	74.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	349.0		
H.2	Hydrant Assembly	CW 2110				
a)	SD-007		each	4		
H.3	Watermain Valve	CW 2110				
a)	300mm		each	3		
H.4	Fittings	CW 2110				
a)	Tees					
i)	300mm X 300mm x 200mm		each	2		
b)	Bends (SD-004)					
i)	200mm - 45° bend		each	4		
c)	Reducers					
i)	300mm - 200mm		each	2		

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.5	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	6.0		
b)	On Metallic Watermains		each	3.0		
H.6	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	plug not existing (in-line connection)					
i)	200mm		each	2		
H.7	Corporation Stops	CW 2110				
a)	19mm		each	2		
b)	38mm		each	4		
H.8	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	30.0		
ii)	200mm reinforced concrete pavement		m <sup>2</sup>	15.0		
b)	Installation					
i)	150mm reinforced concrete pavement		m <sup>2</sup>	30.0		
ii)	200mm reinforced concrete pavement for early opening (24 hours)		m <sup>2</sup>	15.0		
H.9	Concrete Curb Renewal	CW 3240				
a)	Barrier curb		m	35.0		
b)	Ramp curb		m	10.0		
H.10	Construction of Asphaltic Concrete Overlays Type 1A	CW 3410	tonne	31.0		
<b>Part H Subtotal:</b>						

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>I</b>	<b>Provisionals</b>					
I.1	Granular Backfill Material	E3	m <sup>3</sup>	100.0		
I.2	Cement Stabilized Backfill Material	E3	m <sup>3</sup>	100.0		
I.3	Fittings	CW 2110				
a)	Bends					
i)	150mm - 11 1/4° bend		each	2		
ii)	200mm - 11 1/4° bend		each	2		
I.4	Regrading Existing Sewer Service – Up to 1.5 Metres Long	CW 2110				
a)	150mm		each	15		
b)	250mm		each	5		
I.5	Extraction of Existing Watermain to be Abandoned	CW 2110				
a)	150mm		m	10.0		
b)	200mm		m	10.0		
c)	250mm		m	10.0		
I.6	Replacement of Existing Water Connections	CW 2110				
a)	25mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	30.0		
I.7	Corporation Stops	CW 2110				
a)	25mm		each	3		
I.8	Curb Stops	CW 2110				
a)	25mm		each	3		
I.9	Curb Stop Boxes	CW 2110				
a)	25mm		each	3		

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I.10	Watermain Insulation	CW 2110				
a)	In a trench					
i)	75mm thick		m	20.0		
I.11	Street Light Cable Trenching	E4				
a)	trenching		m	100.0		
b)	coring		m	25.0		
I.12	Regrading Existing Interlocking Paving Stone Installations	CW 3330	m <sup>2</sup>	20.0		
I.13	Sodding	CW 3510	m <sup>2</sup>	300.0		
I.14	Catchpits (SD-023)	CW 2130	each	1		
I.15	Remove and Replace Exist Catchbasins	CW 2130				
a)	SD-024		each	3		
b)	SD-025		each	1		
I.16	Maintaining Curb Stop Excavations	CW 2110	day	5.0		

**Part I Subtotal:**

TOTAL BID PRICE (GST extra) (in figures) \$ \_\_\_\_\_

(in words) \_\_\_\_\_

\_\_\_\_\_

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