Template Version: C120110218 - C BCivil

FORM A: BID (See B8)

1.	Contract Title	2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS CONTRACT NO. 18
2.	Bidder	
		Name of Bidder
		Usual Business Name of Bidder as it appears on Invoice (if different from above)
		Street
		City Province Postal Code
	(Mailing address if different)	Facsimile Number
		Street or P.O. Box
		City Province Postal Code
		GST Registration Number (if applicable)
		The Bidder is:
	(Choose one)	a sole proprietor
		a partnership
		a corporation
		carrying on business under the above name.
3.	Contact Person	The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.
		Contact Person Title
		Telephone Number Facsimile Number
4.	Definitions	All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D3.
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.

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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 is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.
9.	Contract	The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.
10.	Addenda	The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:
		No Dated
11.	Time	This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.

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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)

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

APPROX. QUANTITY	UNIT PRICE	AMOUNT							
<u> </u>									
A. Albert Street (CL) (Sewer ID MA70026632) - MH at McDermot Ave. (MH70026632) to Node N McDermot Ave.									
5.0									
1.5									
1									
1									
0.5									
5.0									
20.0									
20.0									
20.0									
3.7									
		3.7 Albert By Sub-total							

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT			
	B. Cliffwood Drive (East Leg) (Sewer ID MA50001027) - MH at Dayton Dr. (MH50000893) to MH at Newcroft Rd. (MH50000858)								
B. 1	Wastewater Sewer Renewal	CW 2130							
a)	250mm PVC SDR35 trenchless installation, Class B sand		m	15.0					
ii)	bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill		m	75.0					
B. 2	Manhole SD-010	CW 2130							
a) i)	1200mm diameter base		vert. m	8.9					
B. 3	Sewer Services	CW 2130							
a) i)	150 mm trenchless installation, Class B sand bedding, Class 3 backfill		m	75.0					
B. 4 a)	Connecting to Existing Manhole 250mm	CW 2130	each	2					
B. 5	Connecting New Sewer Service to Existing Sewer Service	CW 2130							
a)	100 mm		each	5					
B. 6 a)	Sewer Service Risers SD-015	CW 2130							
i)	150 mm		vert. m	5.5					
B. 7	Abandoning Existing Sewers With Cement- Stabilized Flowable Fill	CW 2130	m³	4.5					
B. 8 a)	Sewer Inspection Wastewater Sewers	CW 2145							
i)	250mm		m	90.0					
B. 9 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m²	40.0					
B. 10 a)	Concrete Curb Renewal Lip Curb (SD-202A)	CW 2130							
i)	Less than 3 m		m	40.0					
B. 11 a)	Temporary Concrete Restorations 150mm reinforced concrete pavement	E11	m²	40.0					
			•	Cliffwo	od Sub-total				

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT				
C. Greenwood Place (Sewer ID MA20011555) - MH at Wolseley Ave. (MH20010528) to Tee N of										
Wolseley Ave. (TE20003623)										
C. 1	Wastewater Sewer Renewal	CW 2130								
a) i)	300mm PVC SDR35 or C76-CLV trenchless installation, Class B sand bedding, Class 3 backfill		m	20.0						
C. 2 a)	New Manhole on Existing Sewer SD-010	CW 2130								
i)	1200mm diameter base		vert. m	3.2						
C. 3	Abandoning Existing Sewers With Cement- Stabilized Flowable Fill	CW 2130	m³	1.5						
C. 4 a)	Connecting to Existing Sewer 300mm	CW 2130	each	2						
C. 5	Removal of Existing Manhole	CW 2130	each	1						
C. 6	Removal of Existing Flushing Manhole Chamber	E5	each	1						
C. 7 a)	Sewer Inspection Wastewater Sewers	CW 2145								
i)	300mm		m	25.0						
C. 8 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m²	60.0						
C. 9 a)	Temporary Concrete Restorations 150mm reinforced concrete pavement	E11	m^2	60.0						
C. 10	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	10.9						
	Greenwood Sub-total									

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D. Presto St.	on Avenue (Sewer ID MA20015234) - MH at L	enore St. (MH	20013735) to Node W	of Lenore	
D. 1	Combined Sewer Renewal	CW 2130				
a)	300mm PVC SDR35 or C76-CLV					
	i) trenchless installation, Class B sand		m	20.0		
	bedding, Class 3 backfill ii) trenchless installation, Class B sand		m	25.0		
	bedding, Class 5 backfill		""	23.0		
D. 2	Manhole	CW 2130				
a)	SD-010					
	i) 1200mm diameter base		vert. m	2.1		
D. 3	New Manhole on Existing Sewer	CW 2130				
a)	SD-010D					
	i) 1500mm diameter base		vert. m	6.8		
D. 4	Catch Basin	CW 2130				
р. 4 a)	SD-024		each	2		
D. 5	Sewer Services	CW 2130				
a)	250mm i) trenchless installation, Class B sand		m	10.0		
	bedding, Class 3 backfill			10.0		
	ii) trenchless installation, Class B sand bedding, Class 5 backfill		m	5.0		
D. 6	Plugging Existing Sewers and Sewer	CW 2130				
	Services Smaller Than 300mm			_		
a)	250mm		each	2		
D. 7	Abandoning Existing Sewers With Cement- Stabilized Flowable Fill	CW 2130	m³	3.5		
D. 8	Abandoning Existing Catch Basins	CW 2130	each	2.0		
D. 9	Removal of Existing Curb Inlets	CW 2130	each	2.0		
D. 10	Sewer Inspection	CW 2145				
a)	Wastewater Sewers					
	i) 300mm		m	45.0		
D. 11	Partial Slab Patches	E10				
a)	150mm reinforced concrete pavement		m ²	20.0		
D. 12	Concrete Curb Renewal	CW 3240				
a)	Barrier (SD-206A)					

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	Less than 3 m		m	15.0		
D. 13 a) b)	Temporary Concrete Restorations 150mm concrete pavement 100mm concrete sidewalk	E11	m² m²	20.0 5.0		
D. 14	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	3.7		
D. 15	Miscellaneous Concrete Slab Renewal Sidewalk (SC-228A)	CW 2130	m ²	5.0		
				Presto	on Sub-total	

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT				
	E. Victor Street (CL) (Sewer ID MA20018031) - MH at Wellington Ave. (MH70028188) to 1st MH N of Wellington Ave. (MH20016152)									
E. 1 a)	Combined Sewer Renewal 375mm PVC SDR35 or C76-CLV	CW 2130								
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	35.0						
E. 2 a)	Sewer Services	CW 2130								
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	7.0						
E. 3	Connecting New Sewer Services to Existing Sewer Services	CW 2130								
a)	150 mm		each	7						
E. 4 a)	Sewer Inspection Combined Sewer	CW 2145								
,	375mm		m	35.0						
E. 5 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m²	105.0						
E. 6 a)	Concrete Curb Renewal	CW 3240								
,	Barrier (SD-206A) Less than 3 m		m	20.0						
E. 7 a)	Temporary Concrete Restorations 150mm concrete pavement	E11	m^2	105.0						
E. 8	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	19.1						
	Victor Sub-total									

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT					
	F. Amherst Street (Sewer ID MA200008707) - 2nd MH N of Portage Ave. (MH20008021) to 1st MH S of Bruce Ave. (MH20008022)										
F. 1 a)	Sewer Inspection Combined Sewer 375mm (Post Repair)	CW 2140	m	115.1							
F. 2 a) i)	Sewer Repair - Up to 3.0 metres Long 375mm Class 3 backfill	CW 2130	each	1							
F. 3 a)	Connecting to Existing Manhole 375mm	CW 2130	each	1							
F. 4	Benching Existing Manhole	E6	each	1							
F. 5 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m²	6.0							
F. 6 a)	Temporary Concrete Restorations 150mm concrete pavement	E11	m²	6.0							
F. 7	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.1							
	Amherst - Subtotal										

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT			
_	on Street (Sewer ID MA20013899) - 1st MH		Ave. (N F						
MH S of W	estminster Ave. (MH20012587)		7	•					
G. 1	Sewer Inspection	CW 2140							
a)	Combined Sewer								
i)	375mm (Post Repair)		m	112.6					
0.0	Course Denois - Un to 2.0 metres I and	CW 2130							
G. 2 a)	Sewer Repair - Up to 3.0 metres Long	CW 2130							
1	375mm Class 3 backfill		each	1					
''	Class 3 backilli		eacii	'					
G. 3	Sewer Repair - In Addition to First 3.0	CW 2130							
	metres								
a)	375mm								
i)	Class 3 backfill		m	11.7					
G. 4	Sewer Services	CW 2130							
a)	150mm	OW 2130							
,	trenchless installation, Class B sand		m	2.0					
"	bedding, Class 3 backfill			2.0					
G. 5	Connecting Existing Sewer Service to New	CW 2420							
a)	Sewer	CW 2130	each	1					
b)	100mm 150mm		each	'					
	150mm		eacii	'					
G. 6	Sewer Service Risers	CW 2130							
a)	SD-015								
i)	150 mm		vert. m	4.0					
G. 7	Sewer Service Inspection	E8		40.0					
a)	100mm		m	10.0					
b)	150mm		m	10.0					
G. 8	Partial Slab Patches	E10							
a)	150mm reinforced concrete pavement	_10	m ²	30.0					
,	The second secon		'''						
G. 9	Temporary Concrete Restorations	E11							
a)	150mm concrete pavement		m^2	30.0					
C 10	Construction of Asphaltic Concrete Overlay	CW 3410	tonno						
G. 10	Type 1A	CVV 3410	tonne	5.5					
	.,,,,								
				Arlingto	n - Subtotal				
	Annigion - oubiotal								

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT			
H. Atlantic Avenue (Sewer ID MA00012413) - MH at Sinclair St. (MH00010807) to 1st MH W of Sinclair St. (MH00010738)									
H. 1	Sewer Inspection	CW 2140							
a)	Combined Sewer								
i)	300mm (Post Repair)		m	92.7					
H. 2 a)	Sewer Repair - Up to 3.0 metres Long 300mm	CW 2130							
i)	Class 3 backfill		each	1					
H. 3 a)	Remove and Replace Manhole SD-010	CW 2130							
i)	1200mm diameter base		vert. m	4.1					
H. 4 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m²	6.0					
H. 5 a)	Temporary Concrete Restorations 150mm concrete pavement	E11	m ²	6.0					
H. 6	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.1					
				Atlant	ic - Subtotal				

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT			
I. Berkley Street (Sewer ID MA60000618) - 2nd MH N of Rannock Ave. (MH60000408) to 3rd MH N of Rannock Ave. (MH60000409)									
l. 1	Sewer Inspection	CW 2140							
a)	Wastewater Sewer								
i)	200mm (Post Repair)		m	110.0					
l. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130							
a)	200mm								
i)	Class 3 backfill		each	1					
I. 3	Sewer Services	CW 2130							
a)	150mm								
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	1.0					
l. 4	Connecting Existing Sewer Service to New Sewer	CW 2130							
a)	100mm		each	1					
l. 5	Sewer Service Risers	CW 2130							
a)	SD-015								
i)	150 mm		vert. m	1.0					
I. 6	Sewer Service Inspection	E8							
a)	100mm		m	10.0					
I. 7	Temporary Concrete Restorations	E11							
a)	150mm concrete pavement		m ²	6.0					
l. 8	Chip Seal Patches	E13	m ²	6.0					
Berkley - Subtotal									

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J. Buchana	an Boulevard (Sewer ID MA20001548) - MH		e. (MH200			
	ve. (MH20001396)					
J. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer					
i)	250mm (Post Repair)		m	87.3		
J. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	250mm					
i)	Class 3 backfill		each	2		
J. 3	Sewer Services	CW 2130				
a)	150mm	011 2100				
	trenchless installation, Class B sand		m	1.0		
,	bedding, Class 3 backfill					
J. 4	Connecting to Existing Manhole	CW 2130				
a)	250mm		each	1		
J. 5	Connecting Existing Sewer Service to New	CW 2130				
J. J	Sewer	CW 2130				
a)	150mm		each	1 1		
J. 6	Sewer Service Risers	CW 2130				
a)	SD-015					
i)	150 mm		vert. m	1.8		
J. 7	Sewer Service Inspection	E8				
a)	150mm		m	15.0		
1.0	Partial Slab Patches	E10				
J. 8		E10	m^2	12.0		
a)	150mm reinforced concrete pavement		111	12.0		
J. 9	Concrete Curb Renewal	CW 3240				
a)	Barrier (SD-206A)					
1	Less than 3 m		m	10.0		
'						
J. 10	Temporary Concrete Restorations	E11				
a)	150mm concrete pavement		m^2	12.0		
1 44	Construction of Application Construction	C)M 2440	torne			
J. 11	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	2.2		
	1.750 17			<u> </u>		
				Buchana	n - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT			
K. Campbell Street (Sewer ID MA60006202) - 1st MH S of Corydon Ave. (MH60004843) to 2nd MH S of Corydon Ave. (MH60004863)									
K. 1	Sewer Inspection	CW 2140							
a)	Wastewater Sewer								
i)	300mm (Post Repair)		m	91.2					
K. 2 a)	Sewer Repair - Up to 3.0 metres Long 300mm	CW 2130							
i)	Class 3 backfill		each	1					
K. 3	Partial Slab Patches	E10	0						
a)	150mm reinforced concrete pavement		m ²	10.0					
K. 4	Concrete Curb Renewal	CW 3240							
a)	Barrier (SD-206A)								
,	Less than 3 m		m	10.0					
K. 5	Temporary Concrete Restorations	E11							
a)	150mm concrete pavement		m^2	10.0					
b)	100mm concrete sidewalk		m^2	10.0					
K. 6	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.9					
K. 7	Miscellaneous Concrete Slab Renewal Sidewalk (SC-228A)	CW 2130	m ²	10.0					
				Campbe	II - Subtotal				

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ıry Place (Sewer ID MA40006942) - MH at H n Hwy. (MH40006348)	Henderson Hv	vy. (MH400	006362) to 1s	st MH W of	
L. 1 a)	Sewer Inspection Combined Sewer 250mm (Post Repair)	CW 2140	m	132.7		
L. 2 a) i)	Sewer Repair - Up to 3.0 metres Long 250mm Class 3 backfill	CW 2130	each	2		
L. 3 a)	Sewer Repair - In Addition to First 3.0 metres 250mm Class 3 backfill	CW 2130	m	31.0		
L. 4 a)	Sewer Services 150mm	CW 2130	""	31.0		
b)	trenchless installation, Class B sand bedding, Class 3 backfill 200mm trenchless installation, Class B sand bedding, Class 3 backfill		m m	1.0		
L. 5 a)	Connecting to Existing Manhole 250mm	CW 2130	each	1		
L. 6 a) b)	Connecting Existing Sewer Service to New Sewer 150mm 200mm	CW 2130	each each	5 1		
,	Sewer Service Risers SD-015 150 mm 200 mm	CW 2130	vert. m	8.0 2.0		
L. 8 a) b)	Sewer Service Inspection 150mm 200mm	E8	m m	35.0 10.0		
L. 9 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m ²	75.0		
L. 10 a)	Temporary Concrete Restorations 150mm concrete pavement	E11	m ²	75.0		
L. 11	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	13.7		

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT		
				Cantebu	ry - Subtotal			
M. Downing Street (Sewer ID MA20010127) - MH at Wellington Ave. (MH20009247) to 1st MH N of Wellington Ave. (MH20009280)								
M. 1	Sewer Inspection	CW 2140						
a)	Combined Sewer							
	i) 375mm (Post Repair)		m	82.3				
M. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130						
a)	375mm							
	i) Class 3 backfill		each	1				
M. 3	Sewer Services	CW 2130						
a)	150mm							
	i) trenchless installation, Class B sand bedding, Class 3 backfill		m	1.0				
M. 4	Connecting Existing Sewer Service to New Sewer	CW 2130						
a)	150mm		each	2				
M. 5	Sewer Service Inspection	E8						
a)	150mm		m	10.0				
M. 6	Partial Slab Patches	E10						
a)	150mm reinforced concrete pavement		m^2	6.0				
M. 7	Temporary Concrete Restorations	E11						
a)	150mm concrete pavement		m^2	6.0				
M. 8	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.1				
	Downing - Subtotal							

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ton Street (Sewer IDs MA20015572 & MA20		at Grahar			
	of Graham Ave. (MH20014043)		I			
N. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer					
· · · · · · · · · · · · · · · · · · ·	300mm (Post Repair)		m	66.7		
b)	Storm Relief Sewer					
i)	300mm (Post Repair)		m	27.0		
N. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
	300mm	OW 2100				
a) :			aaab	2		
I,	Class 3 backfill		each	2		
N. 3	Sewer Repair - In Addition to First 3.0	CW 2130				
	metres					
a)	300mm					
i)	Class 3 backfill		m	1.9		
		0111 0100				
N. 4	Sewer Services	CW 2130				
a)	250mm					
l)	trenchless installation, Class B sand bedding, Class 3 backfill		m	2.0		
N. 5	Connecting Existing Sewer Service to New	CW 2130				
	Sewer					
a)	100mm		each	1		
b)	250mm		each	1		
N. 6	Watermain Repair - Up to 3.0 meters Long	CW 2110				
a)	250mm	OW 2110				
•	Class 3 backfill		each	1		
,	, clade o baokim					
N. 7	Watermain Repair - In Addition to First 3.0	CW 2130				
,	metres					
a)	250mm					
I)	Class 3 backfill		m	2.0		
N. 8	Eittings	CW 2110				
in. 8 a)	Fittings	OW 2110				
	Bends (SD-005)		each	4		
1,	250mm - 45° Vertical		Gacii	"		
N. 9	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug exisitng					
•	250mm		each	2		
'	,					
N. 10	Watermain and Water Service Insulation	CW 3410	m ²	7.0		

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT		
N. 11	Sewer Service Inspection	E8						
a)	100mm		m	10.0				
b)	250mm		m	10.0				
N. 12 a)	Partial Slab Patches 200mm reinforced concrete pavement	E10	m ²	25.0				
N. 13 a)	Concrete Curb Renewal Barrier (SD-206A) Less than 3 m	CW 3240	m	5.0				
N. 14 a)	Temporary Concrete Restorations 200mm concrete pavement	E11	m ²	25.0				
N. 15	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	4.6				
	Edmonton - Subtotal							

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
	k Road (Sewer ID MA50014353) - 3rd MH I Rd. (MH50011475)	E of Killarney	St. (MH50	011474) to 1	st MH W of		
O. 1	Sewer Inspection	CW 2140					
a)	Combined Sewer						
i)	300mm (Post Repair)		m	112.8			
O. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130					
a)	300mm						
i)	Class 3 backfill		each	1			
O. 3	Remove and Replace Manhole	CW 2130					
a)	SD-010						
i)	1200mm diameter base		vert. m	4.4			
O. 4	Partial Slab Patches	E10					
a)	150mm reinforced concrete pavement		m^2	6.0			
O. 5	Temporary Concrete Restorations	E11					
a)	150mm concrete pavement	LII	m^2	6.0			
	·	_					
O. 6	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.1			
Elm Park - Subtotal							

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
P. Ethelbe	rt Street (Sewer ID MA20013933) - MH at P		e. (MH200			
	Ave. (MH70006099)					
P. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer					
i)	300mm (Post Repair)		m	111.0		
P. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	300mm					
,	Class 3 backfill		each	1		
ĺ ,						
P. 3	Sewer Repair - In Addition to First 3.0	CW 2130				
۵۱	metres 300mm					
a)	Class 3 backfill		m	2.0		
')	Class 3 Dackilli		""	2.0		
P. 4	Sewer Services	CW 2130				
a)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	2.0		
P. 5	Connecting Existing Sewer Service to New	CW 2130				
	Sewer					
a)	250mm		each	2		
P. 6	Sewer Service Inspection	E8				
a)	250mm	LO	m	10.0		
Δ)				10.0		
P. 7	Partial Slab Patches	E10				
a)	150mm reinforced concrete pavement		m^2	10.0		
P. 8	Temporary Concrete Restorations	E11				
a)	150mm concrete pavement	LII	m^2	10.0		
a)	Toomin concrete pavement		111			
P. 9	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.9		
1				Ethelbe	rt - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Q. Fife Str (MH000072	eet (Sewer ID MA00007233) - MH at Huron 261)	Ave. (MH0000	7260) to 1	Ist MH S of H	Huron Ave.	
Q. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer					
i)	300mm (Post Repair)		m	64.1		
Q. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	300mm					
i)	Class 3 backfill		each	1		
Q. 3	Sewer Repair - In Addition to First 3.0	CW 2130				
۵)	metres					
a) ;\	300mm Class 3 backfill		m	1.1		
1)	Class 3 Dackilli		""	1.1		
Q. 4	Sewer Services	CW 2130				
a)	150mm					
i)	trenchless installation, Class B sand		m	1.0		
	bedding, Class 3 backfill					
Q. 5	Connecting Existing Sewer Service to New	CW 2130				
,	Sewer					
a)	150mm		each	1		
Q. 6	Water Service Repair - Up to 3.0 meters	E9				
	Long					
a) 	150mm		h			
i)	Class 3 backfill		each	1		
Q. 7	Water Service Repair - In Addition to First	E9				ļ
	3.0 metres					
a)	150mm			0.0		
i)	Class 3 backfill		m	2.0		
Q. 8	Fittings	CW 2110				
a)	Bends (SD-005)					
i)	150mm - 45° Vertical		each	4		
Q. 9	Connecting to Existing Watermains and	CW 2110				
પ. ઝ	Large Diameter Water Services	CVV ZIIU				
a)	In-line connection - no plug exisitng					
i)	150mm		each	2		
Q. 10	Watermain and Water Service Insulation	CW 3410	m²	7.0		
Q. 10	vvaterniam and vvater Service insulation	OVV 3410	'''	7.0		
Q. 11	Sewer Service Inspection	E8				
a)	150mm		m	15.0		

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Q. 12 a) Q. 13 a)	Partial Slab Patches 150mm reinforced concrete pavement Temporary Concrete Restorations 150mm concrete pavement	E10 E11	m²	20.0		
				Fi	fe - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

R. Gallagher Avenue (Sewer ID MA20012049) - MH at Vine St. (MH20010980) to 1st MH E of Quelch St. (MH20010979) R. 1	ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
R. 1	R. Gallagh			20010980)			
a) Combined Sewer i) 375mm (Post Repair) R. 2 Sewer Repair - Up to 3.0 metres Long a) 375mm i) Class 3 backfill R. 3 Sewer Repair - In Addition to First 3.0 metres a) 375mm i) Class 3 backfill R. 4 Sewer Services a) 200mm i) trenchless installation, Class B sand bedding, Class 3 backfill R. 5 Connecting Existing Sewer Service to New Sewer a) 200mm c) CW 2130 R. 6 Sewer Service Risers a) 200mm bedding, Class B sand bedding, Class B	St. (MH200			1	1		
1) 375mm (Post Repair)		I	CW 2140				
R. 2 Sewer Repair - Up to 3.0 metres Long a) 375mm i) Class 3 backfill R. 3 Sewer Repair - In Addition to First 3.0 metres a) 375mm i) Class 3 backfill R. 4 Sewer Services a) 200mm i) trenchless installation, Class B sand bedding, Class 3 backfill R. 5 Connecting Existing Sewer Service to New Sewer a) 200mm Existing Sewer Service to New Sewer a) 200mm CW 2130 R. 6 Sewer Service Risers a) SD-015 i) 200 mm CW 2130 R. 7 Sewer Service Inspection a) 200mm Existing Sewer Service to New Sewer a) 200mm Existing Sewer Service to New Sewer a) 200mm Existing Sewer Service New Sewer by CW 2130 Existing Sewer Service New Sewer Service to New Sewer a) 200mm Existing Sewer Service Risers by CW 2130 Existing Sewer Service New Sewer Service New Sewer Service Risers by CW 2130 Existing Sewer Service New Sewer Service New Sewer Service Risers by CW 2130 Existing Sewer Service New Sewer Service New Sewer Service Risers by CW 2130 Existing Sewer Service New Sewer Service New Sewer Service Restoration Sewer Service Restorations a) 150mm reinforced concrete pavement Existing Sewer Service Restorations a) 150mm concrete Pavement Existing Sewer Service Restorations by CW 2130	,						
a) 375mm i) Class 3 backfill R. 3 Sewer Repair - In Addition to First 3.0 metres a) 375mm i) Class 3 backfill R. 4 Sewer Services a) 200mm i) trenchless installation, Class B sand bedding, Class 3 backfill R. 5 Connecting Existing Sewer Service to New Sewer a) 200mm R. 6 Sewer Service Risers a) SD-015 i) 200 mm R. 7 Sewer Service Inspection a) 200mm R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement R. 9 Temporary Concrete Restorations a) 150mm concrete pavement R. 10 Construction of Asphaltic Concrete Overlay R. 10 Construction of Asphaltic Concrete Overlay CW 2130 Each 1 CW 2130 CW 2130 Each 1 CW 2130 Each 1 The partial Slab Patches Each 1 Each	i)	375mm (Post Repair)		m	97.1		
a) 375mm i) Class 3 backfill R. 3 Sewer Repair - In Addition to First 3.0 metres a) 375mm i) Class 3 backfill R. 4 Sewer Services a) 200mm i) trenchless installation, Class B sand bedding, Class 3 backfill R. 5 Connecting Existing Sewer Service to New Sewer a) 200mm R. 6 Sewer Service Risers a) 5D-015 i) 200 mm R. 7 Sewer Service Inspection a) 200mm R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement R. 9 Temporary Concrete Restorations a) 150mm concrete pavement R. 10 Construction of Asphaltic Concrete Overlay CW 2130 Each 1 CW 2130 Each 1 CW 2130 Each 1 Tubelline Tibelline Each 1 Each 1	R. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
Class 3 backfill							
a) in metres in	i)			each	1		
a) in metres in	D 0	Source Dancie In Addition to First 2.0	CW 2420				
a) 375mm i) Class 3 backfill R. 4 Sewer Services 200mm i) trenchless installation, Class B sand bedding, Class 3 backfill R. 5 Connecting Existing Sewer Service to New Sewer a) 200mm R. 6 Sewer Service Risers SD-015 i) 200 mm CW 2130 each 1 R. 7 Sewer Service Risers SD-015 200 mm E8 m 10.0 R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement R. 9 Temporary Concrete Restorations a) 150mm concrete pavement R. 10 Construction of Asphaltic Concrete Overlay CW 2130 E11 m² 8.0 R. 10 Construction of Asphaltic Concrete Overlay CW 2130 E8 m 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	K. 3	•	CVV 2130				
i) Class 3 backfill R. 4 a) Sewer Services 200mm trenchless installation, Class B sand bedding, Class 3 backfill R. 5 Connecting Existing Sewer Service to New Sewer a) 200mm R. 6 Sewer Service Risers a) SD-015 i) 200 mm CW 2130 each 1 CW 2130 each 1 R. 7 Sewer Service Risers 3D-015 i) 200 mm E8 m 10.0 R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement R. 9 Temporary Concrete Restorations a) 150mm concrete pavement R. 10 Construction of Asphaltic Concrete Overlay CW 2130 E11 m 1.0 E2 E3 E4 E10 E10 E11 E2 E3 E3 E4 E4 E4 E5 E5 E5 E6 E7 E7 E7 E7 E8 E7 E8 E8 E8 E8	a)						
a) 200mm i) trenchless installation, Class B sand bedding, Class 3 backfill R. 5 Connecting Existing Sewer Service to New Sewer a) 200mm R. 6 Sewer Service Risers a) SD-015 i) 200 mm R. 7 Sewer Service Inspection a) 200mm R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement R. 9 Temporary Concrete Restorations a) 150mm concrete pavement R. 10 Construction of Asphaltic Concrete Overlay B and 1.0 m 1.0 CW 2130 each 1 CW 2130 vert. m 1.2 E8 m 10.0 R. 8 Partial Slab Patches a) 150mm reinforced Concrete pavement E10 m² 8.0 R. 9 Temporary Concrete Restorations a) 150mm concrete pavement CW 2130 each 1 m 1.0 E8 m 10.0		Class 3 backfill		m	1.0		
a) 200mm i) trenchless installation, Class B sand bedding, Class 3 backfill R. 5 Connecting Existing Sewer Service to New Sewer a) 200mm R. 6 Sewer Service Risers a) SD-015 i) 200 mm R. 7 Sewer Service Inspection a) 200mm R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement R. 9 Temporary Concrete Restorations a) 150mm concrete pavement R. 10 Construction of Asphaltic Concrete Overlay B and 1.0 m 1.0 CW 2130 each 1 CW 2130 vert. m 1.2 E8 m 10.0 R. 8 Partial Slab Patches a) 150mm reinforced Concrete pavement E10 m² 8.0 R. 9 Temporary Concrete Restorations a) 150mm concrete pavement CW 2130 each 1 m 1.0 E8 m 10.0			0111 0100				
i) trenchless installation, Class B sand bedding, Class 3 backfill R. 5 Connecting Existing Sewer Service to New Sewer a) 200mm R. 6 Sewer Service Risers a) SD-015 i) 200 mm R. 7 Sewer Service Inspection a) 200mm R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement R. 9 Temporary Concrete Restorations a) 150mm concrete pavement R. 10 Construction of Asphaltic Concrete Overlay To New Sewer Service Inspection a) 1.0 The standard of the sand should be said to the said should be said should be said to the said should be said sho			CW 2130				
Dedding, Class 3 backfill					4.0		
Sewer CW 2130 each 1	I)			m	1.0		
a) 200mm R. 6 Sewer Service Risers a) SD-015 i) 200 mm R. 7 Sewer Service Inspection a) 200mm E8 m 10.0 R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement R. 9 Temporary Concrete Restorations a) 150mm concrete pavement R. 10 Construction of Asphaltic Concrete Overlay CW 2130 E8 m 10 m² 8.0	R. 5	Connecting Existing Sewer Service to New					
R. 6 Sewer Service Risers CW 2130 a) SD-015 j) 200 mm R. 7 Sewer Service Inspection E8 a) 200mm R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement R. 9 Temporary Concrete Restorations a) 150mm concrete pavement R. 10 Construction of Asphaltic Concrete Overlay CW 3410 tonne 1.5		Sewer	CW 2130				
a) SD-015 i) 200 mm vert. m 1.2 R. 7 Sewer Service Inspection a) 200mm E8 m 10.0 R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement R. 9 Temporary Concrete Restorations a) 150mm concrete pavement R. 10 Construction of Asphaltic Concrete Overlay CW 3410 tonne 1.5	a)	200mm		each	1		
a) SD-015 i) 200 mm vert. m 1.2 R. 7 Sewer Service Inspection a) 200mm E8 m 10.0 R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement R. 9 Temporary Concrete Restorations a) 150mm concrete pavement R. 10 Construction of Asphaltic Concrete Overlay CW 3410 tonne 1.2 E8 m 10.0 E10 m² 8.0	R 6	Sewer Service Risers	CW 2130				
i) 200 mm R. 7 Sewer Service Inspection a) 200mm E8 m 10.0 R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement R. 9 Temporary Concrete Restorations a) 150mm concrete pavement R. 10 Construction of Asphaltic Concrete Overlay CW 3410 tonne 1.2 E8 m 10.0 E10 m² 8.0							
a) 200mm m 10.0 R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement m ² 8.0 R. 9 Temporary Concrete Restorations a) 150mm concrete pavement m ² 8.0 R. 10 Construction of Asphaltic Concrete Overlay CW 3410 tonne 1.5				vert. m	1.2		
a) 200mm m 10.0 R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement m ² 8.0 R. 9 Temporary Concrete Restorations a) 150mm concrete pavement m ² 8.0 R. 10 Construction of Asphaltic Concrete Overlay CW 3410 tonne 1.5							
R. 8 Partial Slab Patches a) 150mm reinforced concrete pavement R. 9 Temporary Concrete Restorations a) 150mm concrete pavement R. 10 Construction of Asphaltic Concrete Overlay E10 m² 8.0 E11 m² 8.0 150mm concrete pavement The construction of Asphaltic Concrete Overlay CW 3410 Temporary Concrete Overlay Temporary Concrete Pavement The construction of Asphaltic Concrete Overlay Temporary Concrete Pavement The construction of Asphaltic Concrete Overlay Temporary Concrete Pavement The construction of Asphaltic Concrete Overlay Temporary Concrete Pavement The construction of Asphaltic Concrete Overlay Temporary Concrete Pavement The construction of Asphaltic Concrete Overlay Temporary Concrete Pavement The construction of Asphaltic Concrete Overlay Temporary Concrete Pavement The construction of Asphaltic Concrete Overlay Temporary Concrete Pavement The construction of Asphaltic Concrete Overlay Temporary Concrete Pavement The construction of Asphaltic Concrete Overlay The construction of Asphaltic Concrete Overlay Temporary Concrete Pavement The construction of Asphaltic Concrete Overlay		· · · · · · · · · · · · · · · · · · ·	E8				
a) 150mm reinforced concrete pavement m ² 8.0 R. 9 Temporary Concrete Restorations a) 150mm concrete pavement m ² 8.0 R. 10 Construction of Asphaltic Concrete Overlay CW 3410 tonne 1.5	a)	200mm		m	10.0		
R. 9 Temporary Concrete Restorations a) 150mm concrete pavement E11 m ² 8.0 R. 10 Construction of Asphaltic Concrete Overlay CW 3410 tonne 1.5	R. 8	Partial Slab Patches	E10				
a) 150mm concrete pavement m ² 8.0 R. 10 Construction of Asphaltic Concrete Overlay CW 3410 tonne 1.5	a)	150mm reinforced concrete pavement		m^2	8.0		
a) 150mm concrete pavement m ² 8.0 R. 10 Construction of Asphaltic Concrete Overlay CW 3410 tonne 1.5	D 6	Townson Consents Bastons Cons	E44				
R. 10 Construction of Asphaltic Concrete Overlay CW 3410 tonne 1.5		l · · · ·	E11	m ²	8.0		
	a)	rounin concrete pavement		ım	0.0		
Type 1A	R. 10		CW 3410	tonne	1.5		
		Type 1A					
Gallagher - Subtotal				<u> </u>	Gallagh	or - Subtotal	

(SEE B9)
2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
S. Green \	Valley Bay S. Leg (Sewer ID MA70051923) -		Valley By			
	E of Green Valley By. W. Leg (MH70022446		- u y			
S. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer					
ij) 250mm (Post Repair)		m	73.7		
S. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	250mm					
ij) Class 3 backfill		each	1		
S. 3	Sewer Repair - In Addition to First 3.0	CW 2130				
	metres					
a)	250mm					
ij) Class 3 backfill		m	1.0		
S. 4	Sewer Services	CW 2130				
a)	150mm					
ij) trenchless installation, Class B sand bedding, Class 5 backfill		m	1.0		
S. 5	Connecting Existing Sewer Service to New	CW 2130				
	Sewer					
a)	100mm		each	1		
S. 6	Sewer Service Inspection	E8				
a)	100mm		m	15.0		
S. 7	Partial Slab Patches	E10				
a)	150mm reinforced concrete pavement		m ²	6.0		
S. 10	Concrete Curb Renewal	CW 2130				
8	Curb & gutter (SD-200)					
ij) Less than 3 m		m	10.0		
S. 9	Temporary Concrete Restorations	E11				
a)	150mm concrete pavement		m^2	6.0		
b)	100mm concrete sidewalk		m²	10.0		
S. 10	Miscellaneous Concrete Slab Renewal Sidewalk (SC-228A)	CW 2130	m ²	10.0		
			Green	Valley E. Le	eg - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
T. Hill Stre Ave. (MH50	et (Sewer ID MA50007514) - MH at Nivervil	le Ave. (MH50	006432) to	o 1st MH S o	f Niverville	
T. 1	Sewer Inspection	CW 2140				
a) "	Combined Sewer					
1)	600mm (Post Repair)		m	93.6		
T. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	600mm					
i)	Class 3 backfill		each	1		
T. 3	Sewer Repair - In Addition to First 3.0	CW 2130				
۵)	metres					
a)	600mm			0.7		
"	Class 3 backfill		m	0.7		
T. 4	Partial Slab Patches	E10				
a)	150mm reinforced concrete pavement		m^2	7.5		
T. 5	Temporary Concrete Restorations	E11				
a)	150mm concrete pavement		m^2	7.5		
	·					
T. 6	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.4		
				H	ill - Subtotal	

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	250000000000	SPEC.	UNIT	APPROX.	UNIT	AMOUNT
	DESCRIPTION	REF.		QUANTITY	PRICE	
	treet (Sewer ID MA20015096) - MH at Wes er Ave. (MH20013805)	tminster Ave.	(MH20013	600) to 1st N	/IH N of	
U. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer					
i)	300mm (Post Repair)		m	42.4		
		_				
U. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	300mm					
i)	Class 3 backfill		each	1		
U. 3	Sewer Repair - In Addition to First 3.0 metres	CW 2130				
a)	300mm					
· ·	Class 3 backfill		m	1.2		
U. 4	Sewer Services	CW 2130				
a)	150mm					
	trenchless installation, Class B sand bedding, Class 3 backfill		m	3.0		
U. 5	Connecting Existing Sewer Service to New Sewer	CW 2130				
a)	100mm		each	1		
b)	150mm		each	2		
U. 6	Sewer Service Risers	CW 2130				
a)	SD-015					
i)	150 mm		vert. m	6.6		
U. 7	Sewer Service Inspection	E8				
a)	100mm		m	10.0		
b)	150mm		m	20.0		
U. 8	Partial Slab Patches	E10				
a)	150mm reinforced concrete pavement		m ²	10.0		
U. 9	Temporary Concrete Restorations	E11				
a)	150mm concrete pavement		m^2	10.0		
U. 10	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.9		
				Hon	ne - Subtotal	
				11011	.o Gubiolai	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
V. Kanata (MH400125	Street (Sewer ID MA400013775) - MH Yale	Ave. (MH4001	2463) to N	/IH at Ravelst	ton Ave. E	
V. 1	Sewer Inspection	CW 2140				
a)	Wastewater Sewer					
i)	200mm (Post Repair)		m	89.4		
V. 2 a)	Sewer Repair - Up to 3.0 metres Long 200mm	CW 2130				
i)	Class 3 backfill		each	1		
V. 3	Sewer Repair - In Addition to First 3.0 metres	CW 2130				
a)	200mm					
i)	Class 3 backfill		m	4.8		
V. 4 a)	Connecting to Existing Manhole 200mm	CW 2130	each	1		
		5 40				
V. 5	Partial Slab Patches 150mm reinforced concrete pavement	E10	m^2	15.0		
a)	130mm reimorced concrete pavement		1111	10.0		
V. 6	Temporary Concrete Restorations	E11				
a)	150mm concrete pavement		m ²	15.0		
V. 7	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	2.8		
				Kanat	ta - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
V. Kenne	edy Street (Sewer ID MA20016798) - MH at Q		∍. (MH200			
	le Ave. (MH20015102)		 			
W. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer					
İ	i) 375mm (Post Repair)		m	13.3		
W. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	375mm					
i	i) Class 3 backfill		each	1		
W. 3	Watermain Repair - Up to 3.0 meters Long	CW 2110				
a)	250mm					
i	i) Class 3 backfill		each	1		
W. 4	Watermain Repair - In Addition to First 3.0 metres	CW 2130				
a)	250mm					
i	i) Class 3 backfill		m	2.0		
W. 5	Fittings	CW 2110				
a)	Bends (SD-005)					
,	i) 250mm - 45° Vertical		each	4		
W. 6	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug exisitng					
i	i) 250mm		each	2		
W. 7	Watermain and Water Service Insulation	CW 3410	m ²	7.0		
W. 8	Partial Slab Patches	E10				
a)	200mm reinforced concrete pavement		m ²	12.0		
W. 9	Temporary Concrete Restorations	E11				
a)	200mm concrete pavement		m ²	12.0		
W. 10	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	2.2		

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
X. Langsi	de Street (CL) (Sewer ID MA20014497) - MF		ter Ave. (N			
_	minster Ave. (MH20013086)				, 10 101 1111	
X. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer					
i	300mm (Post Repair)		m	89.0		
X. 2 a)	Sewer Repair - Up to 3.0 metres Long 300mm	CW 2130				
i	Class 3 backfill		each	1		
X. 3	Sewer Services	CW 2130				
a) i	200mm) trenchless installation, Class B sand bedding, Class 3 backfill		m	1.0		
X. 4	Connecting to Existing Manhole	CW 2130				
a)	300mm		each	1		
X. 5	Connecting Existing Sewer Service to New Sewer	CW 2130				
a)	200mm		each	1		
X. 6	Sewer Service Inspection	E8				
a)	200mm		m	10.0		
X. 7 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m²	6.0		
X. 8 a)	Temporary Concrete Restorations 150mm concrete pavement	E11	m²	6.0		
X. 9	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.1		
				Langei	de - Subtetal	

Langside - Subtotal

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	wne Avenue (Sewer ID MA00008974) - 1s MH00006018)	t MH E of Cros	s St. (MH0	006019) to 2	nd MH E of	
Y. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer					
i)	450mm (Post Repair)		m	95.5		
Y. 2 a)	Sewer Repair - Up to 3.0 metres Long 450mm	CW 2130				
i)	Class 3 backfill		each	1		
Y. 3	Sewer Repair - In Addition to First 3.0 metres	CW 2130				
a)	450mm					
i)	Class 3 backfill		m	0.8		
Y. 4 a)	Remove and Replace Manhole SD-010	CW 2130				
i)	1200mm diameter base		vert. m	3.2		
Y. 5	Partial Slab Patches	E10				
a)	150mm reinforced concrete pavement		m ²	10.0		
Y. 6	Temporary Concrete Restorations	E11				
a)	150mm concrete pavement		m ²	10.0		
	<u> </u>	1	l	Lansdown	ie - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
_	Avenue (Sewer ID MA60022483) - MH at Ru y (MH60018866)	ue Landry (E P	L) (MH600	018856) to 1	st MH E of	
Z. 1	Sewer Inspection	CW 2140				
a)	Land Drainage Sewer					
i)	300mm (Post Repair)		m	107.3		
Z. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	300mm					
i)	Class 5 backfill		each	1		
		CW 2240				
Z. 3 a)	Concrete Curb Renewal	CW 3240				
'	Barrier (SD-206A) Less than 3 m		m	5.0		
"	Less than 5 m			0.0		
Z. 4	Temporary Concrete Restorations	E11				
a)	100mm concrete sidewalk		m^2	10.0		
Z. 5	Miscellaneous Concrete Slab Renewal Sidewalk (SC-228A)	CW 2130	m²	10.0		
				Lema	ay - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	y Avenue (Sewer ID MA60022491) - MH at R	ue La Barrier	e (MH600	18871) to 1s	MH E of	
кие La Ва АА. 1	Sewer Inspection	CW 2140				
a)	Land Drainage Sewer) 750mm (Post Repair)	GW 2140	m	94.7		
AA. 2 a)	Sewer Repair - Up to 3.0 metres Long 750mm	CW 2130				
i	Class 3 backfill		each	1		
AA. 3 a)	Watermain Repair - Up to 3.0 meters Long 150mm	CW 2110				
i	Class 3 backfill		each	1		
AA. 4	Watermain Repair - In Addition to First 3.0 metres	CW 2110				
a) i	150mm) Class 3 backfill		m	2.0		
AA. 5 a)	Fittings Bends (SD-005)	CW 2110				
i) 150mm - 45° Vertical		each	4		
AA. 6	Connecting to Existing Watermains and Large Diameter Water Services In-line connection - no plug exisiting	CW 2110				
a) i	150mm		each	2		
4A. 7	Watermain and Water Service Insulation	CW 3410	m ²	7.0		
AA. 8 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m ²	15.0		
AA. 9 a)	Concrete Curb Renewal Barrier (SD-206A)	CW 3240				
	Less than 3 m		m	10.0		
AA. 10 a)	Temporary Concrete Restorations 150mm concrete pavement	E11	m ²	15.0		
AA. 11	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	2.8		
]			Lema	ay - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

IT	ΈМ		DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
			e Street (Sewer ID MA20013840) - 2nd MH ninster Ave. (MH20012539)	S of Westmin	ster Ave. (MH20012550) to 3rd MH	
AB.		Stil	Sewer Inspection	CW 2140				
Λυ.	a)		Combined Sewer	011 21 10				
	,	i)	375mm (Post Repair)		m	81.8		
		٠,	373mm (r ost Kepaii)		""	01.0		
AB.	2		Sewer Repair - Up to 3.0 metres Long	CW 2130				
	a)		375mm					
		i)	Class 3 backfill		each	1		
AB.	3		Sewer Repair - In Addition to First 3.0	CW 2130				
			metres					
	a)		375mm					
		i)	Class 3 backfill		m	9.9		
				CW 2120				
AB.			Sewer Services	CW 2130				
	a)	٠,	150mm					
		I)	trenchless installation, Class B sand		m	4.0		
			bedding, Class 3 backfill					
AB.	5		Connecting to Existing Manhole	CW 2130				
,	a)		375mm	011 2100	each	1		
	ω,		67 6Hilli					
AB.	6		Connecting Existing Sewer Service to New	CW 2130				
			Sewer					
	a)		100mm		each	4		
				014/ 0400				
AB.			Sewer Service Risers	CW 2130				
	a)		SD-015					
		i)	150 mm		vert. m	7.0		
, ,	0		Course Coming Incompating	F0				
AB.			Sewer Service Inspection	E8		40.0		
	a)		100mm		m	40.0		
AB.	a		Partial Slab Patches	E10				
AD.	a)		150mm reinforced concrete pavement	LIU	m ²	26.0		
	ω,		130mm remiorced concrete pavement		'''			
AB.	10		Temporary Concrete Restorations	E11				
	a)		150mm concrete pavement		m^2	26.0		
	,				'''			
AB.	11		Construction of Asphaltic Concrete Overlay	CW 3410	tonne	4.8		
			Type 1A					
						Leno	re - Subtotal	

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	n Place (Sewer ID MA50012407) - 1st MH W (MH50009993)	of Dakota St.	. (MH5000	9994) to 2nd	I MH W of	
AC. 1	Sewer Inspection	CW 2140				
a)	Wastewater Sewer					
i)	250mm (Post Repair)		m	85.9		
AC. 2 a)	Sewer Repair - Up to 3.0 metres Long 250mm	CW 2130				
i)	Class 5 backfill		each	1		
AC. 3	Sewer Services	CW 2130				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 5 backfill		m	1.0		
AC. 4	Connecting Existing Sewer Service to New Sewer	CW 2130				
a)	150mm		each	1		
AC. 5	Sewer Service Inspection	E8				
a)	150mm	20	m	15.0		
		CW 3240				
AC. 6 a)	Concrete Curb Renewal Barrier (SD-206A)	CVV 3240				
,	Less than 3 m		m	5.0		
AC. 7	Temporary Concrete Restorations	E11				
a)	100mm concrete sidewalk		m^2	5.0		
AC. 8	Miscellaneous Concrete Slab Renewal Sidewalk (SC-228A)	CW 2130	m²	5.0		
				Lesto	on - Subtotal	

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	Street (Sewer ID MA20012500) - MH at Lo 0011458)	gan Ave. (MH20	0011424) t	o 1st MH N o	of Logan	
AD. 1 a) i	Sewer Inspection Combined Sewer 300mm (Post Repair)	CW 2140	m	79.3		
AD. 2 a) i	Sewer Repair - Up to 3.0 metres Long 300mm Class 3 backfill	CW 2130	each	1		
AD. 3 a)	Connecting to Existing Manhole 300mm	CW 2130	each	1		
AD. 4 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m ²	6.0		
AD. 5 a)	Temporary Concrete Restorations 150mm concrete pavement	E11	m ²	6.0		
				Loc	k - Subtotal	

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM		DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
		ood Street (Sewer ID MA60023479) - MH a	t Willow Ave.	(MH60019		at Kingsway	
Ave. (Mi	160	,	014/ 04/40	ı			
AE. 1		Sewer Inspection	CW 2140				
a)	:۱	Combined Sewer			78.0		
	1)	300mm (Post Repair)		m	70.0		
AE. 2		Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)		300mm					
	i)	Class 3 backfill		each	2		
۸۲۰		Saver Samiana	CW 2130				
AE. 3 a)		Sewer Services 150mm	OW 2130				
a)	i)	trenchless installation, Class B sand		m	1.0		
	,	bedding, Class 3 backfill					
ΛΕ 4		Connecting Evicting Course Coming to Nove	CW 2420				
AE. 4		Connecting Existing Sewer Service to New Sewer	CW 2130				
a)		150mm		each	1		
۵,							
AE. 5		Sewer Service Inspection	E8				
a)		150mm		m	10.0		
AE. 6		Watermain Repair - Up to 3.0 meters Long	CW 2110				
a)		200mm	OW 2110				
۵٫	i)	Class 3 backfill		each	1		
	,						
AE. 7		Watermain Repair - In Addition to First 3.0	CW 2110				
a)		metres 200mm					
a)	i)	Class 3 backfill		m	2.0		
	',	elace e saciviii			2.0		
AE. 8		Fittings	CW 2110				
a)		Bends (SD-005)					
	i)	150mm - 45° Vertical		each	4		
AE. 9		Connecting to Existing Watermains and	CW 2110				
-		Large Diameter Water Services					
a)		In-line connection - no plug exisitng					
	i)	200mm		each	2		
AE. 15		Watermain and Water Service Insulation	CW 3410	m ²	10.0		
AE. 13		vvaterniam and vvater Service institution	OVV 3410	'''	10.0		
AE. 16		Partial Slab Patches	E10				
a)		150mm reinforced concrete pavement		m ²	20.0		
A = 4=		Towns are a Consequent Books in	E44				
AE. 17		Temporary Concrete Restorations	E11	m^2	20.0		
a)		150mm concrete pavement		ım	20.0		

The City of Winnipeg
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FORM B: PRICES

(SEE B9)
2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

DESCRIPTION REF. QUANTITY PRICE	AMOUNT	
ITEM SPEC. UNIT APPROX. UNIT	AMOLINIT	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ΔF Minni	gaffe Street (Sewer ID MA00012194) - MH at		(CL) (MH			
	ve. (SL) (MH00010536)	Colluion Ave.	(02) (11.1.		- Williat	
AF. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer					
i)	300mm (Post Repair)		m	13.4		
AF. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	300mm					
i)	Class 3 backfill		each	1		
AF. 3	Watermain Repair - Up to 3.0 meters Long	CW 2110				
a)	300mm					
i)	Class 3 backfill		each	1		
AF. 4	Watermain Repair - In Addition to First 3.0 metres	CW 2110				
a)	300mm					
i)	Class 3 backfill		m	2.0		
AF. 5	Fittings	CW 2110				
a)	Bends (SD-005)					
i)	150mm - 45° Vertical		each	4		
AF. 6	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug exisitng					
i)	300mm		each	2		
AF. 7	Watermain and Water Service Insulation	CW 3410	m ²	7.0		
AF. 8	Partial Slab Patches	E10				
a)	150mm reinforced concrete pavement		m ²	25.0		
AF. 9	Temporary Concrete Restorations	E11				
a)	150mm concrete pavement		m ²	25.0		
AF. 10	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	2.8		
				 Minnigaf	fe - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	combe Crecent NE Leg (Sewer ID MA50000	996) - MH at B	ursill Rd.	(MH5000086	9) to 1st MH	
N of Burs AG. 1	ill Rd. (MH50000868) Sewer Inspection	CW 2140				
a)	Wastewater Sewer	-				
į	250mm (Post Repair)		m	101.5		
AG. 2 a)	Sewer Repair - Up to 3.0 metres Long 250mm	CW 2130				
i	Class 5 backfill		each	1		
AG. 3	Sewer Repair - In Addition to First 3.0 metres	CW 2130				
a)	250mm					
i	Class 5 backfill		m	0.2		
AG. 4	Sewer Services	CW 2130				
a)	150mm					
i) trenchless installation, Class B sand bedding, Class 3 backfill		m	1.0		
AG. 5	Connecting Existing Sewer Service to New Sewer	CW 2130				
a)	100mm		each	1		
AG. 6 a)	Sewer Service Risers SD-015	CW 2130				
i) 150 mm		vert. m	2.8		
AG. 7	Sewer Service Inspection	E8				
a)	100mm		m	5.0		
AG. 8	Concrete Curb Renewal	CW 3240				
a)	Barrier (SD-206A)					
i) Less than 3 m		m	5.0		
AG. 9	Temporary Concrete Restorations	E11				
a)	100mm concrete sidewalk		m²	10.0		
AG. 10	Miscellaneous Concrete Slab Renewal Sidewalk (SC-228A)	CW 2130	m ²	10.0		
			<u> </u>	Newcomb	e - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT		
	an Street (Sewer ID MA20010889) - 1st MH Ave. (MH20009937)	S of Portage	Ave. (MH2	20010024) to	2nd MH S			
AH. 1 a)	Sewer Inspection Combined Sewer 300mm (Post Repair)	CW 2140	m	106.7				
AH. 2 a)	Sewer Repair - Up to 3.0 metres Long 300mm Class 3 backfill	CW 2130	each	1				
AH. 3 a) i)	Sewer Services 150mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2130	m	2.0				
AH. 4 a)	Connecting Existing Sewer Service to New Sewer 100mm	CW 2130	each	2				
AH. 5 a) i)	Sewer Service Risers SD-015 150 mm	CW 2130	vert. m	10.0				
AH. 6 a)	Sewer Service Inspection 100mm	E8	m	20.0				
AH. 7 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m ²	6.0				
AH. 8 a)	Temporary Concrete Restorations 150mm concrete pavement	E11	m ²	6.0				
AH. 9	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.1				
	Newman - Subtotal							

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT			
	sway Crescent W. Leg (Sewer ID MA5000 [.] Serino Pl. (MH50001679)	1926) - MH at D	riftwood	Ву. (МН5000	1600) to 1st				
Al. 1	Sewer Inspection	CW 2140							
a)	Wastewater Sewer								
ij	250mm (Post Repair)		m	86.3					
AI. 2 a)	Sewer Repair - Up to 3.0 metres Long 250mm	CW 2130							
į	Class 5 backfill		each	1					
AI. 3 a)	Connecting to Existing Manhole 250mm	CW 2130	each	1					
Al. 4 a) i	Concrete Curb Renewal Barrier (SD-206A) Less than 3 m	CW 3240	m	10.0					
AI. 5 a)	Temporary Concrete Restorations 100mm concrete sidewalk	E11	m²	5.0					
AI. 6	Miscellaneous Concrete Slab Renewal Sidewalk (SC-228A)	CW 2130	m ²	5.0					
	Queensway - Subtotal								

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.I Ravels	DESCRIPTION ton Avenue East (Sewer ID MA40013865)		St (MH4	•		
of Kanata	•	Will at Namate	2 Ot. (IIII 14	0012027) 10	Tot Houc E	
AJ. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer					
i)	300mm (Post Repair)		m	17.0		
AJ. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	300mm					
i)	Class 3 backfill		each	1		
AJ. 3	Sewer Repair - In Addition to First 3.0	CW 2130				
a)	metres					
1	300mm Class 3 backfill		m	14.0		
'/	Class 3 Dackilli		""	14.0		
AJ. 4	Manhole	CW 2130				
a)	SD-010					
i)	1200mm diameter base		vert. m	3.5		
AJ. 5	Sewer Services	CW 2130				
a)	150mm					
i)	trenchless installation, Class B sand		m	15.0		
ii)	bedding, Class 3 backfill trenchless installation, Class B sand		m	15.0		
.,	bedding, Class 5 backfill					
A 1 C	Connection to Eviation Manhala	OW 0400				
AJ. 6 a)	Connecting to Existing Manhole 300mm	CW 2130	each	1		
a)	30011111		Cacii	'		
AJ. 7	Connecting Existing Sewer Service to New					
a)	Sewer	CW 2130	aaab	3		
a)	150mm		each	3		
AJ. 8	Sewer Service Inspection	E8				
a)	150mm		m	60.0		
A 1 0	Dartial Clab Databas	E40				
AJ. 9 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m^2	50.0		
	13011111 Tellilloroed concrete pavernetit		111	55.5		
AJ. 10	Concrete Curb Renewal	CW 3240				
a)	Barrier (SD-206A)					
i)	Less than 3 m		m	15.0		
AJ. 11	Temporary Concrete Restorations	E11				
a)	150mm concrete pavement		m^2	50.0		
b)	100mm concrete sidewalk		m ²	15.0		
-	•	•	-	. '	•	•

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

Ravelston - Subtotal						
AJ. 13	Miscellaneous Concrete Slab Renewal Sidewalk (SC-228A)	CW 2130	m²	15.0		
AJ. 12	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	9.1		
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AK Riel A	venue (Sewer ID MA50009248) - MH at Rob		H5000765			
	Cr. (MH50007651)			_,		
AK. 1	Sewer Inspection	CW 2140				
a)	Wastewater Sewer					
i)	250mm (Post Repair)		m	64.5		
AK. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	250mm					
i)	Class 3 backfill		each	1		
AK. 3	Sewer Services	CW 2130				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	1.0		
AK. 4	Connecting Existing Sewer Service to New					
	Sewer	CW 2130				
a)	150mm		each	1		
AK. 5	Sewer Service Risers	CW 2130				
a)	SD-015					
i)	150 mm		vert. m	2.1		
AK. 6	Sewer Service Inspection	E8				
a)	150mm		m	10.0		
AK. 7	Partial Slab Patches	E10				
a)	200mm reinforced concrete pavement		m ²	7.5		
AK. 8	Concrete Curb Renewal	CW 3240				
a)	Barrier (SD-206A)					
i)	Less than 3 m		m	5.0		
AK. 9	Temporary Concrete Restorations	E11				
a)	200mm concrete pavement		m^2	7.5		
b)	100mm concrete sidewalk		m^2	5.0		
AK. 10	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.4		
AK. 11	Miscellaneous Concrete Slab Renewal Sidewalk (SC-228A)	CW 2130	m^2	5.0		
	1			Ri	el - Subtotal	

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT				
	AL. Rita Street (Sewer ID MA20006067) - MH at Ness Ave. (S PL) (MH20005602) to 1st MH S of Ness Ave. (MH20005569)									
AL. 1 a) i)	Sewer Inspection Wastewater Sewer 250mm (Post Repair)	CW 2140	m	102.1						
AL. 2 a) i)	Sewer Repair - Up to 3.0 metres Long 250mm Class 3 backfill	CW 2130	each	1						
AL. 3 a) i)	Sewer Services 150mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2130	m	1.0						
AL. 4 a)	Connecting Existing Sewer Service to New Sewer 100mm	CW 2130	each	1						
AL. 5 a)	Sewer Service Inspection 100mm	E8	m	10.0						
AL. 6 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m²	6.0						
AL. 7 a)	Temporary Concrete Restorations 150mm concrete pavement	E11	m^2	6.0						
AL. 8	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.1						
	Rita - Subtotal									

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEI			DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AM R	oa	٥r	Street (Sewer ID MA50004131) - MH at Tra		H5000359			
	_		ve. (MH50003593)	110130 A10. (III		2) to 13t iiii	1 11 01	
AM. 1			Sewer Inspection	CW 2140				
a)	,		Combined Sewer					
		I)	300mm (Post Repair)		m	98.2		
AM. 2			Sewer Repair - Up to 3.0 metres Long	CW 2130				
a			300mm					
		i)	Class 3 backfill		each	1		
				0144.044.0				
AM. 3			Watermain Repair - Up to 3.0 meters Long 150mm	CW 2110				
a,	,		Class 3 backfill		each	1		
		"	Class o baskiiii					
AM. 4			Watermain Repair - In Addition to First 3.0	CW 2110				
a))		metres 150mm					
<u>س</u>	•	i)	Class 3 backfill		m	2.0		
			Class o basium					
AM. 5			Fittings	CW 2110				
a)	,		Bends (SD-005)					
		i)	150mm - 45° Vertical		each	4		
AM. 6			Connecting to Existing Watermains and	CW 2110				
			Large Diameter Water Services					
a)	,		In-line connection - no plug exisitng		2006	2		
		i)	150mm		each	2		
AM. 7			Watermain and Water Service Insulation	CW 3410	m^2	7.0		
AM. 8			Partial Slab Patches	E10				
a)			150mm reinforced concrete pavement	_10	m^2	12.0		
			·					
AM. 9			Temporary Concrete Restorations	E11	2	12.0		
a))		150mm concrete pavement		m ²	12.0		
						Rog	er - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

				Selki	rk - Subtotal				
AN. 5	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.1					
a)	200mm concrete pavement		m ²	6.0					
AN. 4	Temporary Concrete Restorations	E11							
a)	200mm reinforced concrete pavement		m^2	6.0					
AN. 3	Partial Slab Patches	E10							
, ·	Class 3 backfill		each	1					
a)	300mm	OVV 2130							
AN. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130	,,,,	110.0					
a) i)	Combined Sewer 300mm (Post Repair)		m	113.0					
AN. 1	Sewer Inspection	CW 2140							
AN. Selkirk Avenue (Sewer ID MA00010850) - MH at McPhillips St. (E PL) (MH00008715) to MH at Sgt. Tommy Prince St. (W of W PL) (MH00008700)									
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT			

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM		SPEC.	LINUT	APPROX.	UNIT	AMOUNT
ITEM	DESCRIPTION	REF.	UNIT	QUANTITY	PRICE	AMOUNT
	esbury Boulevard (Sewer ID MA60004362) of Grant Ave. (MH60003165)		Ave. (S of	CL) (MH700	26626) to	
AO. 1	Sewer Inspection	CW 2140				
a)	Wastewater Sewer					
į	300mm (Post Repair)		m	72.1		
AO. 2 a)	Sewer Repair - Up to 3.0 metres Long 300mm	CW 2130				
į	Class 3 backfill		each	2		
AO. 3	Sewer Repair - In Addition to First 3.0 metres	CW 2130				
a)	300mm					
ij	Class 3 backfill		m	0.2		
AO. 4 a)	Sewer Services 150mm	CW 2130				
,	trenchless installation, Class B sand bedding, Class 3 backfill		m	1.0		
AO. 5 a)	Connecting to Existing Manhole 300mm	CW 2130	each	1		
AO. 6	Connecting Existing Sewer Service to New Sewer	CW 2130				
a)	100mm		each	1		
AO. 7	Sewer Service Inspection	E8				
a)	100mm	LO	m	30.0		
ω,				00.0		
AO. 8	Watermain Repair - Up to 3.0 meters Long	CW 2110				
a)	250mm		ooob	4		
I,	Class 3 backfill		each	1		
AO. 9	Watermain Repair - In Addition to First 3.0 metres	CW 2110				
a)	250mm					
į	Class 3 backfill		m	2.0		
AO. 10 a)	Fittings Bends (SD-005)	CW 2110				
-	250mm - 45° Vertical		each	4		
AO. 11	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a) i	In-line connection - no plug exisitng 250mm		each	2		
ļ .) 200Hilli		Cacii	-		

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT		
AO. 12	Watermain and Water Service Insulation	CW 3410	m^2	7.0				
AO. 13 a)	Partial Slab Patches 200mm reinforced concrete pavement	E10	m²	15.0				
AO. 14	Concrete Curb Renewal	CW 3240						
a) i)	Barrier (SD-206A) Less than 3 m		m	5.0				
AO. 15 a)	Temporary Concrete Restorations 200mm concrete pavement	E11	m²	15.0				
AO. 16	Construction of Monolithic Concrete Median Slab (SD-226A)	CW 3310	m²	10.0				
AO. 17	Construction of Monolithic Concrete Bullnose (SD-227C)	CW 3310	m^2	10.0				
AO. 18	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	2.8				
Shaftesbury - Subtotal								

Shaftesbury - Subtotal

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT			
	y Street (Sewer ID MA20004209) - 2nd MH e. (MH20003862)	S of McBey A	ve. (MH20	003916) to 3	rd MH S of				
AP. 1 a) i)	Sewer Inspection Land Drainage Sewer 300mm (Post Repair)	CW 2140	m	94.5					
AP. 2 a) i)	Sewer Repair - Up to 3.0 metres Long 300mm Class 3 backfill	CW 2130	each	1					
AP. 3 a)	Connecting to Existing Manhole 300mm	CW 2130	each	1					
AP. 4 a) i)	Concrete Curb Renewal Barrier (SD-206A) Less than 3 m	CW 3240	m	5.0					
AP. 5 a)	Temporary Concrete Restorations 100mm concrete sidewalk	E11	m²	10.0					
AP. 6	Miscellaneous Concrete Slab Renewal Sidewalk (SC-228A)	CW 2130	m ²	10.0					
	Shelley - Subtotal								

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

UNII PI			SPEC.		APPROX.	UNIT	AMOUNT
ITEM	l	DESCRIPTION	REF.	UNIT	QUANTITY	PRICE	AMOUNT
AQ. Sho	ore	view Bay S Leg (Sewer ID MA50001231) - I	MH at Shorevi	ew By. E I	Leg (MH5000	01039) to	
1st MH	W (of Shoreview By. E Leg (MH50001040)				-	
AQ. 1		Sewer Inspection	CW 2140				
a)		Wastewater Sewer					
	i)	250mm (Post Repair)		m	77.3		
AQ. 2		Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)		250mm					
,	i)	Class 3 backfill		each	1		
40.0			014/0440				
AQ. 3		Watermain Repair - Up to 3.0 meters Long 150mm	CW 2110				
a)	i۱	Class 3 backfill		each	1		
	',			Guon			
AQ. 4		Watermain Repair - In Addition to First 3.0	CW 2110				
a)		metres 150mm					
α)	i)	Class 3 backfill		m	2.0		
	,						
AQ. 5		Fittings	CW 2110				
a)	:۱	Bends (SD-005)		0006	4		
	I)	150mm - 45° Vertical		each	4		
AQ. 6		Connecting to Existing Watermains and	CW 2110				
,		Large Diameter Water Services					
a)	i۱	In-line connection - no plug exisitng 150mm		each	2		
	1)	13011111		eacii	2		
AQ. 7		Watermain and Water Service Insulation	CW 3410	m^2	7.0		
40.0		Dantial Clab Batabaa	E40				
AQ. 8 a)		Partial Slab Patches 150mm reinforced concrete pavement	E10	m ²	6.0		
a)		130mm reimorced concrete pavement		'''	0.0		
AQ. 9		Concrete Curb Renewal	CW 3240				
a)		Barrier (SD-206A)					
	i)	Less than 3 m		m	10.0		
AQ. 10		Temporary Concrete Restorations	E11				
a)		150mm concrete pavement		m^2	6.0		
		·	CW 0440	405			
AQ. 11		Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.1		
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
				Sho	oreview S Le	eg - Subtotal	
onclosion o Log Gustotal							

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
•	e Street (Sewer ID MA20016960) - 1st MH \$	S of Cumberla	and Ave. (I	MH20015240		
	perland Ave. (MH20015246)	014/04/40	ı	1		
AR. 1 a)	Sewer Inspection	CW 2140				
	Combined Sewer			46.0		
· ''	300mm (Post Repair)		m	46.0		
AR. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	300mm					
i)	Class 3 backfill		each	1		
AR. 3	Sewer Repair - In Addition to First 3.0	CW 2130				
ı	metres					
a)	300mm					
i)	Class 3 backfill		m	0.3		
AR. 4	Sewer Services	CW 2130				
ar. 4 a)	150mm	011 2.00				
	trenchless installation, Class B sand		m	2.0		
,	bedding, Class 3 backfill		•••			
AR. 5	Connecting to Existing Manhole	CW 2130				
a)	300mm		each	1		
AR. 6	Connecting Existing Sewer Service to New Sewer	CW 2130				
a)	150mm		each	2		
AR. 7	Sewer Service Inspection	E8				
a)	150mm		m	20.0		
AR. 8	Partial Slab Patches	E10				
a)	150mm reinforced concrete pavement		m ²	7.5		
AR. 9	Temporary Concrete Restorations	E11				
a)	150mm concrete pavement		m ²	7.5		
AR. 10	Construction of Asphaltic Concrete Overlay	CW 3410	tonne	1.4		
	Type 1A					
			l	Spend	ce - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT		
	ne's Road (Sewer ID MA50018760) - MH at ee) N of MH at Bishop Grandin Blvd.	Bishop Grand	din Blvd. ((N of CL) (MF	150015048)			
AS. 1 a)	Sewer Inspection Wastewater Sewer	CW 2140						
'	450mm (Post Repair)		m	11.8				
AS. 2 a)	Sewer Repair - Up to 3.0 metres Long 450mm	CW 2130						
i)	Class 3 backfill		each	1				
AS. 3 a)	Connecting to Existing Manhole 450mm	CW 2130	each	1				
AS. 4 a)	Lifter Rings 38mm	2130/E14	each	1				
AS. 5 a)	Partial Slab Patches 230mm reinforced concrete pavement	E10	m ²	20.0				
AS. 6	Concrete Curb Renewal	CW 3240						
a) i)	Barrier (SD-206A) Less than 3 m		m	5.0				
AS. 7 a)	Temporary Concrete Restorations 230mm concrete pavement	E11	m²	20.0				
AS. 8	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	3.7				
St. Anne's - Subtotal								

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	cona Street (Sewer ID MA20009815) - 1st N	IH N of St. Ma	atthews A	/e. (MH2000	8973) to 2nd	
	t. Matthews Ave. (MH20008974)	014/ 04/40	1	1		
AT. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer			22.5		
I)	300mm (Post Repair)		m	86.5		
AT. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	300mm					
•	Class 3 backfill		each	1		
AT. 3	Sewer Repair - In Addition to First 3.0	CW 2130				
a)	metres					
-	300mm			5.0		
1)	Class 3 backfill		m	5.0		
AT. 4	Sewer Services	CW 2130				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	3.0		
AT. 5	Connecting Existing Sewer Service to New	CW 2130				
- \	Sewer		1	0		
a)	150mm		each	3		
AT. 6	Sewer Service Risers	CW 2130				
a)	SD-015					
i)	150 mm		vert. m	12.9		
AT. 7	Sewer Service Inspection	E8				
a)	150mm		m	30.0		
AT. 8	Partial Slab Patches	E10				
a)	150mm reinforced concrete pavement		m ²	16.0		
AT. 9	Temporary Concrete Restorations	E11				
a)	150mm concrete pavement	L 11	m²	16.0		
AT. 10	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	2.9		
			1	Strathcor	na - Subtotal	

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT				
	cona Street (Sewer ID MA20010442) - MH a of Wellington Ave. (MH20009535)	at Wellington	Ave. (N of	NPL) (MH20	0009536) to					
AU. 1	Sewer Inspection	CW 2140								
a) i)	Combined Sewer 300mm (Post Repair)		m	95.6						
AU. 2 a)	Sewer Repair - Up to 3.0 metres Long 300mm	CW 2130								
·			each	1						
AU. 3 a)	Sewer Services 150mm	CW 2130								
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	1.0						
AU. 4	Connecting Existing Sewer Service to New Sewer	CW 2130								
a)	100mm		each	1						
AU. 5 a)	Sewer Service Inspection 100mm	E8	m	10.0						
, ,	Bertiel Oleh Berteler	E40								
AU. 6 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m²	6.0						
AU. 7 a)	Temporary Concrete Restorations 150mm concrete pavement	E11	m^2	6.0						
AU. 8	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.1						
	Strathcona - Subtotal									

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT			
	ncona Street (Sewer ID MA20010461) - 1st N Vellington Ave. (MH20009084)	MH S of Wellin	igton Ave.						
AV. 1 a)	Sewer Inspection Combined Sewer 300mm (Post Repair)	CW 2140	m	95.7					
AV. 2 a)	Sewer Repair - Up to 3.0 metres Long 300mm Class 3 backfill	CW 2130	each	1					
AV. 3 a) i	Sewer Services 200mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2130	m	1.0					
AV. 4 a)	Connecting Existing Sewer Service to New Sewer 200mm	CW 2130	each	1					
AV. 5 a) i	Sewer Service Risers SD-015 200 mm	CW 2130	vert. m	1.0					
AV. 6 a)	Sewer Service Inspection 200mm	E8	m	10.0					
AV. 7 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m ²	6.0					
AV. 8 a)	Temporary Concrete Restorations 150mm concrete pavement	E11	m²	6.0					
AV. 9	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.1					
	Strathcona - Subtotal								

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

IT	EM		DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
			t Boulevard (Sewer ID MA50017759) - 4th t. Mary's Rd. (MH50014369)	MH W of St. N	lary's Rd.	(MH5001437	70) to 5th	
AW.	1		Sewer Inspection	CW 2140				
	a)		Combined Sewer					
		i)	300mm (Post Repair)		m	130.0		
AW.	2		Sewer Repair - Up to 3.0 metres Long	CW 2130				
	a)		300mm					
	,	i)	Class 5 backfill		each	1		
AW.	3		Sewer Repair - In Addition to First 3.0	CW 2130				
	Ü		metres	011 2100				
	a)		300mm					
		i)	Class 5 backfill		m	7.9		
AW.	4		Sewer Services	CW 2130				
,	а)		150mm	OW 2100				
	ω,	i)	trenchless installation, Class B sand		m	2.0		
			bedding, Class 3 backfill			4.0		
		II)	trenchless installation, Class B sand bedding, Class 5 backfill		m	1.0		
			- c a a a a a g					
AW.	5		Connecting to Existing Manhole	CW 2130				
	a)		300mm		each	1		
AW.	6		Connecting Existing Sewer Service to New	CW 2130				
			Sewer					
	a)		150mm		each	3		
AW.	7		Sewer Service Risers	CW 2130				
,	, а)		SD-015	OW 2100				
	,	i)	150 mm		vert. m	12.6		
	•		Court Eviation Manhala	F-7		0.0		
AW.	8		Grout Existing Manhole	E7	vert. m	0.3		
AW.	9		Replacing Existing Manhole Rungs	CW 2130	each	5		
۸۱۸	10		Re-Benching Existing Manhole	Ee	ooob	1		
AW.	10		Re-benching existing Manhole	E6	each	I		
AW.	11		Sewer Service Inspection	E8				
	a)		150mm		m	35.0		
AW.	12		Partial Slab Patches	E10				
,	a)		150mm reinforced concrete pavement	LIU	m^2	25.0		
	,							
AW.			Concrete Curb Renewal	CW 2130				
	a)		Curb & gutter (SD-200)					

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

Sunset - Subtotal							
AW. 15	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	6.4			
a)	150mm concrete pavement		m ²	25.0			
AW. 14	Temporary Concrete Restorations	E11					
(i	Less than 3 m		m	5.0			
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT				
	a Avenue E (Sewer ID MA40009027) - 1st l MH40008255)	MH E of Leola	St. (MH40	008199) to 2	nd MH E of					
AX. 1	Sewer Inspection	CW 2140								
a)	Combined Sewer									
i)	200mm (Post Repair)		m	95.5						
AX. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130								
a)	200mm									
i)	Class 3 backfill		each	1						
AX. 3	Connecting to Existing Manhole	CW 2130								
a)	200mm		each	1						
AX. 4	Partial Slab Patches	E10								
a)	150mm reinforced concrete pavement		m^2	6.0						
AX. 5	Temporary Concrete Restorations	E11								
a)	150mm concrete pavement		m^2	6.0						
AX. 6	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.1						
	Victoria E - Subtotal									

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

	a Avenue E (Sewer ID MA40009096) - 1st N			QUANTITY	PRICE	AMOUNT
of Wayota S	St. (MH40008255)	/IH W of Wayo	ta St. (MF	140008265) to	2nd MH W	
AY. 1	Sewer Inspection	CW 2140				
,	Combined Sewer					
i)	200mm (Post Repair)		m	78.8		
AY. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	200mm					
i)	Class 3 backfill		each	1		
AY. 3	Connecting to Existing Manhole	CW 2130				
	200mm	011 2100	each	1		
	_					
AY. 4	Replace Standard Frame AP-004	CW 2130	each	1		
AY. 5	Replace Standard Solid Cover AP-005	CW 2130	each	1		
A) (0	5	014,0400				
AY. 6	Replacing Existing Manhole Rungs	CW 2130	each	2		
AY. 7	Re-Benching Existing Manhole	E6	each	1		
۸۷/ ۵	David Clab Databas	F40				
-	Partial Slab Patches 150mm reinforced concrete pavement	E10	m^2	6.0		
a)	roomini reiniloroed controle pavement			0.0		
	Temporary Concrete Restorations	E11	0			
a)	150mm concrete pavement		m^2	6.0		
AY. 10	Construction of Asphaltic Concrete Overlay	CW 3410	tonne	1.1		
	Type 1A					
				Vieterie	E - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ng Willow Drive (Sewer ID MA50009354) - Spruce Cres. W Leg (MH50007746)	MH at Minneto	onka St. (N	MH50007740)) to 1st MH	
AZ. 1	Sewer Inspection	CW 2140				
a) i)	Wastewater Sewer 250mm (Post Repair)		m	76.4		
AZ. 2 a)	Sewer Repair - Up to 3.0 metres Long 250mm	CW 2130				
i)	Class 5 backfill		each	1		
AZ. 3 a)	Sewer Repair - In Addition to First 3.0 metres 250mm	CW 2130				
· · · · · ·	Class 3 backfill		m	0.9		
AZ. 4 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m²	8.0		
AZ. 5	Concrete Curb Renewal	CW 2130				
a) i)	Curb & gutter (SD-200) Less than 3 m		m	5.0		
AZ. 6 a)	Temporary Concrete Restorations 150mm concrete pavement	E11	m²	8.0		
AZ. 7	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.5		
Weeping Willow - Subtotal						

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ley Avenue (Sewer ID MA20011535) - MH a t. (MH20010514)	t Basswood F	PI. (MH200	10518) to MI	H at	
BA. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer					
i)	300mm (Post Repair)		m	99.5		
BA. 2 a)	Sewer Repair - Up to 3.0 metres Long 300mm	CW 2130				
i)	Class 3 backfill		each	1		
BA. 3 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m^2	6.0		
BA. 4 a)	Concrete Curb Renewal Curb & gutter (SD-200)	CW 2130				
,	Less than 3 m		m	10.0		
BA. 5	Temporary Concrete Restorations	E11				
a)	150mm concrete pavement		m^2	6.0		
b)	100mm concrete sidewalk		m^2	10.0		
BA. 6	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	1.1		
BA. 7	Miscellaneous Concrete Slab Renewal Sidewalk (SC-228A)	CW 2130	m ²	10.0		
				Wolsele	ey - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
BB. Wolse (MH200126	ley Avenue (Sewer ID MA20013916) - MH a		H2001260			
BB. 1	Sewer Inspection	CW 2140				
a)	Combined Sewer					
i)	300mm (Post Repair)		m	79.9		
BB. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	300mm					
i)	Class 3 backfill		each	1		
BB. 3	Sewer Repair - In Addition to First 3.0	CW 2130				
	metres					
a)	300mm					
i)	Class 3 backfill		m	22.0		
BB. 4	Sewer Services	CW 2130				
a)	150mm					
i)	trenchless installation, Class B sand		m	3.0		
b)	bedding, Class 3 backfill 200mm					
,	trenchless installation, Class B sand		m	2.0		
	bedding, Class 3 backfill					
BB. 5	Connecting Existing Sewer Service to New	CW 2130				
	Sewer					
a)	150mm		each	3 2		
b)	200mm		each	2		
BB. 6	Sewer Service Inspection	E8				
a)	150mm		m	30.0		
b)	200mm		m	15.0		
BB. 7	Partial Slab Patches	E10				
a)	150mm reinforced concrete pavement		m^2	50.0		
		CW 0400				
BB. 8	Concrete Curb Renewal	CW 2130				
a)	Curb & gutter (SD-200) Less than 3 m		m	10.0		
"	Leas than 5 m		'''	10.0		
BB. 9	Temporary Concrete Restorations	E11				
a)	150mm concrete pavement		m ²	50.0		
BB. 10	Construction of Asphaltic Concrete Overlay	CW 3410	tonne	9.1		
	Type 1A					
	1		<u> </u>	Wolsele	ey - Subtotal	
					,	

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

UNIT PRIC	ES					
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
BC. Words	worth Way W. Leg (Sewer ID MA20003196	6) - MH at Brov	vning Blv			
to 1st MH S	S of Browning Blvd. (MH20002903)					
BC. 1	Sewer Inspection	CW 2140				
a) 	Wastewater Sewer					
i)	200mm (Post Repair)		m	83.9		
BC. 2	Sewer Repair - Up to 3.0 metres Long	CW 2130				
a)	200mm					
i)	Class 5 backfill		each	1		
BC. 3	Sewer Repair - In Addition to First 3.0	CW 2130				
,	metres					
a)	200mm					
I)	Class 5 backfill		m	0.3		
BC. 4	Sewer Services	CW 2130				
a)	150mm					
i)	trenchless installation, Class B sand		m	1.0		
	bedding, Class 5 backfill					
BC. 5	Connecting to Existing Manhole	CW 2130				
a)	200mm		each	1		
BC. 6	Connecting Existing Sewer Service to New	CW 2130				
	Sewer					
a)	100mm		each	1		
BC. 7	Sewer Service Inspection	E8				
a)	100mm		m	10.0		
DO 0		014/ 0400				
BC. 8	Concrete Curb Renewal Curb & gutter (SD-200)	CW 2130				
a) i)	Less than 3 m		m	5.0		
,				0.0		
BC. 9	Temporary Concrete Restorations	E11	2			
a)	100mm concrete sidewalk		m ²	7.5		
BC. 10	Miscellaneous Concrete Slab Renewal	CW 2130	m^2	7.5		
	Sidewalk (SC-228A)					
	1		Word	sworth W Le	eq - Subtotal	

Wordsworth W Leg - Subtotal

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
_	BD. Young Street (Sewer ID MA20014733) - 2nd MH S of Portage Ave. (MH20013312) to 3rd MH S of Portage Ave. (MH20013311)					
BD. 1 a)	Sewer Inspection Wastewater Sewer	CW 2140				
i) BD. 2	300mm (Post Repair) Sewer Repair - Up to 3.0 metres Long	CW 2130	m	99.6		
a)	300mm Class 3 backfill	OW 2100	each	2		
BD. 3	Sewer Services	CW 2130				
a) i)	150mm trenchless installation, Class B sand bedding, Class 3 backfill		m	2.0		
BD. 4	Connecting Existing Sewer Service to New Sewer 150mm	CW 2130	each	2		
a) BD. 5	Sewer Service Inspection	E8	each	2		
a)	150mm		m	10.0		
BD. 6 a)	Partial Slab Patches 150mm reinforced concrete pavement	E10	m ²	12.0		
BD. 7 a)	Temporary Concrete Restorations 150mm concrete pavement	E11	m^2	12.0		
BD. 8	Construction of Asphaltic Concrete Overlay Type 1A	CW 3410	tonne	2.2		
				Your	ng - Subtotal	

(SEE B9)

2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
BE. Provis	ionsal Items					
BE. 1	Cement Stabilized Fill	CW 2030	m³	50		
BE. 2 a)	Remove and Replace Existing Catch Basin SD-024	CW 2130	each	1		
BE. 3	Maintaining Curb Stop Excavations	CW 2110	day	2		
BE. 4	Water Service	CW 2110				
a) i)	19mm trenchless installation, Class B sand bedding, Class 3 backfill		m	40		
b) i)	25mm trenchless installation, Class B sand bedding, Class 3 backfill		m	20		
BE. 5	Corporation Stops	CW 2110				
a)	19mm		each	2		
b)	25mm		each	1		
BE. 6	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	2		
b)	25mm		each	1		
BE. 7	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	2		
b)	25mm		each	1		
BE. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	3		
b)	On Cast Iron Watermain		each	1		
BE. 9	Connecting Existing Copper Water Services to New Copper Water Services	E15				
a)	19mm		each	7		
b)	25mm		each	1		
BE. 10	Lifter Rings	CW 2130				
a)	64mm		each	1		
b)	76mm		each	1		
BE. 11	Sodding	CW 3510	m^2	50		
BE. 12	Regrading Existing Interlocking Paving Stone Installations	CW 3330	m²	50		

The City of Winnipeg
Bid Opportunity No. 911-2011
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Bid Submission Page 68 of 71

FORM B: PRICES

(SEE B9) 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT NO. 18

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
BE. 13	Adjustment of Precast Sidewalk Blocks	CW 3235	m ²	10		
	Provisional Items - Subtotal					
	PRICE (GST extra) (i	in figures)\$				
(in words)						

(Seal)

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FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2) (See B11)

BID BOND

	DID DOND
KNOW ALL MEN BY THESE PRESENTS THA	Т
(hereinafter called the "Principal") and	
called the "Obligee") in the sum of ten percent	firmly bound unto THE CITY OF WINNIPEG (hereinafter t (10%) of the Total Bid Price set out in the Bid hereinafter Principal and Surety bind themselves, their heirs, executors, and severally, firmly by these presents.
WHEREAS the Principal has submitted a Bid to	the Obligee for
BID OPPORTUNITY NO. 911-2011	
2011 SEWER RENEWALS AND EXTERNAL P CONTRACT NO. 18	OINT REPAIRS
as more fully set out in the Bid Opportunity.	
if said Bid is accepted and the Principal, in acco	tion is such that if the Bid of the Principal is not accepted, or ordance with the terms of the Bid, enters into a Contract with formance security for guaranteeing the faithful performance to otherwise shall remain in full force and effect.
IN WITNESS WHEREOF the Principal and Sure	ety have signed and sealed this bond the
day of	, 20
(Witness as to Principal if no seal)	(Name of Principal) Per: (Seal) Per:

(Name of Surety)

(Attorney-in-Fact)

Ву:

Template Version: C120110218 - C BCivil

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, (Name of Bidder) (Place) the Bidder to you on ______, 20____ for BID OPPORTUNITY NO. 911-2011 2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS **CONTRACT NO. 18** in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity, if our Principal's Bid is accepted by you, such Performance Bond to be maintained and continue in full force and effect until the expiration of the warranty period. The Performance Bond shall be in the form specified in the Bid Opportunity. It is a condition that this Agreement to Bond shall become null and void if the Performance Bond mentioned above is not required from our Principal within sixty (60) Calendar Days following the Submission Deadline. AND IT IS HEREBY DECLARED AND AGREED that the Surety shall be liable as Principal, and that nothing of any kind or matter whatsoever that will not discharge the Principal shall operate as a discharge or release of liability of the Surety, any law or usage relating to the liability of Sureties to the contrary notwithstanding. SIGNED AND SEALED this ______ day of ______, 20_____. (Name of Surety) (Seal) (Attorney-in-Fact)

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FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 1 of 2) (See B11)

(Data)	
(Date)	
Corpo Materi 185 Ki	ity of Winnipeg rate Finance Department als Management Division ng Street, Main Floor peg MB R3B 1J1
RE:	BID SECURITY - BID OPPORTUNITY NO. 911-2011
CONT	2011 SEWER RENEWALS AND EXTERNAL POINT REPAIRS RACT NO. 18
Pursua	ant to the request of and for the account of our customer,
(Name o	of Bidder)
(Addres	s of Bidder)
	EREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding aggregate
	Canadian dollars.
demar Letter payme	standby Letter of Credit may be drawn on by you at any time and from time to time upon written not for payment made upon us by you. It is understood that we are obligated under this Standby of Credit for the payment of monies only and we hereby agree that we shall honour your demand for ent without inquiring whether you have a right as between yourself and our customer to make such and and without recognizing any claim of our customer or objection by the customer to payment by us.
	mount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upor ou or by formal notice in writing given to us by you if you desire such reduction or are willing that it be
Partial	drawings are permitted.
	ngage with you that all demands for payment made within the terms and currency of this Standby of Credit will be duly honoured if presented to us at:
(Addres	s)
and we	e confirm and hereby undertake to ensure that all demands for payment will be duly honoured by us.

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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 February 18th, 2011

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)
(Ivaille	of bank of infancial institution)
Per:	
	(Authorized Signing Officer)
Per:	
1 01.	(Authorized Signing Officer)