## FORM A: BID (See B8)

1.	Contract Title	2011 SEWER RENE	EWALS BY CIPP LINING - CONTI	RACT NO. 19
2.	Bidder			
		Name of Bidder		
		Street		
		City	Province	Postal Code
		Facsimile Number		
	(Mailing address if different)	Street or P.O. Box		
		City	Province	Postal Code
		The Bidder is:		
	(Choose one)	a sole proprietor		
		a partnership		
		a corporation		
		carrying on business	s under the above name.	
3.	Contact Person	The Bidder hereby the Bidder for purpo	authorizes the following contact p ses of the Bid.	erson to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Definitions		is used in the Contract shall hat the General Conditions.	ave the meanings
5.	Offer		offers to perform the Work in ac al Bid Price, in Canadian funds, s preto.	

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.

## 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)

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Α.	Mobilization and Demobilization	E2	each	1		
					Subtotal:	
<u>B</u>	Aikins St (CL) (Asset No.MA00013141) Jarvis Av (Asset No. MH00011738) to I					
	Dufferin Av (Asset No. MH00011727)					
B. 1	Sewer Cleaning	E2 & CW 2140				
a)	450mm	000 2140				
í)	Pre-lining Cleaning		m	125.4		
ii)	Warranty Cleaning		m	125.4		
5.0		E2 &				
B. 2	Sewer Inspection	CW 2145				
a) .,	450mm					
	Pre-lining Inspection Post Lining Inspection		m	125.4		
,	Warranty Inspection		m m	125.4 125.4		
,	Warranty inspection			125.4		
B. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	2		
B. 4	Remove Intruding Sewer Services	E2	each	2		
B. 5	Flow Control	E2	each	1		
B. 6	Full Segment CIPP	E2				
a)	450mm		m	125.4		
B. 7	Reinstatement of Sewer Services	E2	each	9		
					Subtotal:	

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

UNIT PR	ICES		•			
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.		AMOUNT
2	Alfred Av (Asset No.MA00013641) - MI	REF. Hat Charles		QUANTITY	PRICE	
-	Av (Asset No. MH00012076) to 1st MH					
	St (Asset No. MH00012147)					
		E2 &				
C. 1	Sewer Cleaning	CW 2140				
a)	300mm					
,	Pre-lining Cleaning		m	90.1		
ii)	Warranty Cleaning		m	90.1		
C. 2	Sewer Inspection	E2 & CW 2145				
0. z a)	300mm	CVV 2145				
,	Pre-lining Inspection		m	90.1		
,	Post Lining Inspection		m	90.1 90.1		
	Warranty Inspection		m	90.1 90.1		
,				30.1		
C. 3	Remove Intruding Sewer Services	E2	each	2		
C. 4	Flow Control	E2	each	1		
C. 5	Full Segment CIPP	E2				
a)	300mm		m	90.1		
C. 6	Reinstatement of Sewer Services	E2	each	15		
					Subtotal:	
2	Alverstone St (Asset No.MA20017386)	- 2nd MH S			oubtotui.	
-	of Wellington Av (Asset No. MH20015					
	MH S of Wellington Av (Asset No. MH)	20015598)				
			1			
D. 1	Sewer Cleaning	E2 & CW 2140				
a)	450mm	011 2140				
,	Pre-lining Cleaning		m	22.6		
	Warranty Cleaning		m	22.6		
1)		E2 &		22.0		
D. 2	Sewer Inspection	CW 2145				
a)	450mm					
i)	Pre-lining Inspection		m	22.6		
ii)	Post Lining Inspection		m	22.6		
iii)	Warranty Inspection		m	22.6		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT	AMOUNT
		REF.		QUANTITY	PRICE	
D. 3	Solid Debris Cutting	CW 2140				
a)	First 3 metres		each	1		
b)	At Joints and Services		each	1		
D. 4	Additional Solid Debris Cutting	E2	m	0.2		
D. 5	Flow Control	E2	each	1		
D. 6	Full Segment CIPP	E2				
a)	450mm		m	22.6		
D. 7	Reinstatement of Sewer Services	E2	each	2		
					Subtotal:	
Ē	Alverstone St (Asset No.MA20017973)	- 1st MH N			Subluidi:	
_	of Adele Av (Asset No. MH20016072) t					
	Adele Av (Asset No. MH20016076)					
		E2 &				
E. 1	Sewer Cleaning	CW 2140				
,	300mm					
	Pre-lining Cleaning		m	82.2		
ii)	Warranty Cleaning	E2 &	m	82.2		
E. 2 a)	Sewer Inspection 300mm	CW 2145				
,	Pre-lining Inspection		m	82.2		
-	Post Lining Inspection		m	82.2		
iii)	Warranty Inspection		m	82.2		
E. 3	Solid Debris Cutting	CW 2140				
	At Joints and Services		each	2		
E. 4	Remove Intruding Sewer Services	E2	each	2		
E. 5	Flow Control	E2	each	1		
E. 6	Full Segment CIPP	E2				
a)	300mm		m	82.2		
E. 7	Reinstatement of Sewer Services	E2	each	10		
					Subtotal:	
					Subiolal.	

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

UNIT PR	ICES					
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT	AMOUNT
		REF.	_	QUANTITY	PRICE	
<u>F</u>	Alverstone St (Asset No.MA20017387) of Wellington Av (Asset No. MH20015 MH(Asset No. MH20015592)					
F. 1	Sewer Cleaning	E2 & CW 2140				
г. т а)	375mm	CVV 2140				
,			~	70.0		
	Pre-lining Cleaning Warranty Cleaning		m m	72.0 72.0		
""		E2 &		72.0		
F. 2	Sewer Inspection	CW 2145				
a)	375mm					
i)	Pre-lining Inspection		m	72.0		
ii)	Post Lining Inspection		m	72.0		
iii)	Warranty Inspection		m	72.0		
F. 3	Flow Control	E2	each	1.0		
F. 4	Full Segment CIPP	E2				
a)	375mm		m	72.0		
F. 5	Reinstatement of Sewer Services	E2	each	15		
					Subtotal:	
G	Alverstone St (Asset No.MA20017028 of Wellington Av (Asset No. MH200160 MH S of Wellington Av (Asset No. MH2	013) to 2nd				
0.4		E2 &				
G. 1	Sewer Cleaning	CW 2140				
a)	450mm			0.1 -		
	Pre-lining Cleaning		m	94.7		
11)	Warranty Cleaning	E2 &	m	94.7		
G. 2	Sewer Inspection	CW 2145				
a)	450mm					
,	Pre-lining Inspection		m	94.7		
,	Post Lining Inspection		m	94.7		
	Warranty Inspection		m	94.7		
G. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	2		
,	1			-		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G. 4	Flow Control	E2	each	1.0		
G. 5	Full Segment CIPP	E2				
a)	450mm		m	94.7		
G. 6	Reinstatement of Sewer Services	E2	each	25		
					Subtotal:	
H	Alverstone St (Asset No.MA20017371) of Sargent Av (Asset No. MH20015585 S of Sargent Av (Asset No. MH200155	) to 3rd MH				
H. 1	Sewer Cleaning	E2 & CW 2140				
a)	300mm					
i)	Pre-lining Cleaning		m	76.8		
ii)	Warranty Cleaning		m	76.8		
H. 2 a)	Sewer Inspection 300mm	E2 & CW 2145				
,	Pre-lining Inspection		m	76.8		
	Post Lining Inspection		m	76.8		
iii)	Warranty Inspection		m	76.8		
H. 3	Solid Debris Cutting	CW 2140				
a)	First 3 metres		each	1		
H. 4	Additional Solid Debris Cutting	E2	m	6.6		
H. 5	Remove Intruding Sewer Services	E2	each	1		
H. 6	Flow Control	E2	each	1		
H. 7	Full Segment CIPP	E2				
a)	300mm		m	76.8		
H. 8	Reinstatement of Sewer Services	E2	each	18		
					Subtotal:	

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## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

UNIT	PRICES
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	1023					
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	Arlington St (Asset No.MA20013891) - Wolseley Av (Asset No. MH20012592) Wolseley Av (Asset No. MH20012599)					
		E2 &				
I. 1	Sewer Cleaning	CW 2140				
a)	300mm					
	Pre-lining Cleaning		m	91.4		
ii)	Warranty Cleaning		m	91.4		
I. 2	Sewer Inspection	E2 & CW 2145				
	300mm	677 2145				
,	Pre-lining Inspection		m	91.4		
	Post Lining Inspection		m	91.4 91.4		
-	Warranty Inspection		m	91.4		
,				• • • •		
I. 3	Remove Intruding Sewer Services	E2	each	7		
I. 4	Flow Control	E2	each	1		
l. 5	Full Segment CIPP	E2				
a)	300mm		m	91.4		
I. 6	Reinstatement of Sewer Services	E2	each	19		
					Subtotal:	
J	Arlington St (Asset No.MA70028978) - Preston Av (Asset No. MH70010617) to Preston Av (Asset No. MH20013624)					
		E2 &				
J. 1	Sewer Cleaning	CW 2140				
,	375mm					
	Pre-lining Cleaning		m	117.7		
ii)	Warranty Cleaning	50.0	m	117.7		
J. 2	Sewer Inspection	E2 & CW 2145				
	375mm					
,	Pre-lining Inspection		m	117.7		
	Post Lining Inspection		m	117.7		
-	Warranty Inspection		m	117.7		
J. 3	Remove Intruding Sewer Services	E2	each	6		
	v i	8				L

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

		SPEC.		APPROX.	UNIT	
ITEM	DESCRIPTION	REF.	UNIT	QUANTITY	PRICE	AMOUNT
J. 4	Flow Control	E2	each	1		
1 6		E2				
J. 5	Full Segment CIPP 375mm	EZ	~	117.7		
a)	575000		m	117.7		
J. 6	Reinstatement of Sewer Services	E2	each	20		
	•					
		-			Subtotal:	
ĸ	Assiniboine Av (Asset No.MA7001933					
	Parkside (W. Curb) (Asset No. MH7000 at Parkside (E. Curb) (Asset No. MH70	•				
		-				
	Course Classing	E2 &				
K. 1	Sewer Cleaning 600mm	CW 2140				
,						
	Pre-lining Cleaning		m	5.7		
11)	Warranty Cleaning	E2 &	m	5.7		
K. 2	Sewer Inspection	CW 2145				
a)	600mm					
i)	Pre-lining Inspection		m	5.7		
	Post Lining Inspection		m	5.7		
iii)	Warranty Inspection		m	5.7		
К. З	Remove Intruding Sewer Services	E2	each	1		
K. 4	Flow Control	E2	each	1		
K. 5	Full Segment CIPP	E2				
a)	600mm		m	5.7		
K. 6	Reinstatement of Sewer Services	E2	each	1		
14. 0			ouon			
					Subtotal:	
L	Balmoral St (Asset No.MA70000491) -					
	Broadway Av (Asset No. MH70000252) of Broadway Av (Asset No. MH200133					
	UI DI DAUWAY AV (ASSEL NO. MITZUU133	[3]				
		E2 &				
L. 1	Sewer Cleaning	CW 2140				
a)	300mm					
	Pre-lining Cleaning		m	83.2		
ii)	Warranty Cleaning		m	83.2		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
		E2 &				
L. 2	Sewer Inspection	CW 2145				
,	300mm					
	Pre-lining Inspection		m	83.2		
	Post Lining Inspection		m	83.2		
)	Warranty Inspection		m	83.2		
L. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	1		
,						
L. 4	Remove Intruding Sewer Services	E2	each	2		
L. 5	Flow Control	E2	each	1		
L. 5		LZ	each	I		
L. 6	Full Segment CIPP	E2				
a)	300mm		m	83.2		
		E2	each	17		
17	Reinstatement of Sewer Services					
L. 7	Reinstatement of Sewer Services	LZ				
L. 7	Reinstatement of Sewer Services	LZ			Subtotal:	
L. 7 <u>M</u>	Balmoral St (Asset No.MA20017655) -	MH at			Subtotal:	
	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to	MH at			Subtotal:	
	Balmoral St (Asset No.MA20017655) -	MH at			Subtotal:	
	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to	MH at			Subtotal:	
	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to	MH at 1st MH N of			Subtotal:	
<u>M</u>	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013142)	MH at 1st MH N of E2 &			Subtotal:	
<u>М</u> М. 1 а)	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013142) Sewer Cleaning	MH at 1st MH N of E2 &	m	30.1	Subtotal:	
<u>M</u> M. 1 a) i)	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013142) Sewer Cleaning 300mm	MH at 1st MH N of E2 &		30.1 30.1	Subtotal:	
<u>M</u> M. 1 a) i) ii)	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013142) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning	MH at 1st MH N of E2 & CW 2140 E2 &	m		Subtotal:	
<u>₩</u> M. 1 a) i)	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013142) Sewer Cleaning 300mm Pre-lining Cleaning	MH at 1st MH N of E2 & CW 2140	m		Subtotal:	
<u>M</u> M. 1 a) i) ii) M. 2 a)	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013142) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm	MH at 1st MH N of E2 & CW 2140 E2 &	m		Subtotal:	
<u>M</u> M. 1 a) i) ii) M. 2 a) i)	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013142) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection	MH at 1st MH N of E2 & CW 2140 E2 &	m		Subtotal:	
<u>M</u> M. 1 a) i) ii) M. 2 a) i) ii)	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013142) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	MH at 1st MH N of E2 & CW 2140 E2 &	m m	30.1 30.1 30.1	Subtotal:	
<u>M</u> M. 1 a) i) ii) M. 2 a) i) ii)	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013142) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection	MH at 1st MH N of E2 & CW 2140 E2 &	m m m	30.1 30.1	Subtotal:	
<u>M</u> M. 1 a) i) ii) M. 2 a) i) ii) iii)	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013142) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	MH at 1st MH N of E2 & CW 2140 E2 & CW 2145	m m m	30.1 30.1 30.1	Subtotal:	
<ul> <li>M. 1         <ul> <li>a)</li></ul></li></ul>	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013142) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting	MH at 1st MH N of E2 & CW 2140 E2 &	m m m m	30.1 30.1 30.1 30.1	Subtotal:	
<u>M</u> M. 1 a) i) ii) M. 2 a) i) ii) iii)	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013142) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	MH at 1st MH N of E2 & CW 2140 E2 & CW 2145	m m m	30.1 30.1 30.1	Subtotal:	
<ul> <li>M. 1         <ul> <li>a)</li></ul></li></ul>	Balmoral St (Asset No.MA20017655) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013142) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting	MH at 1st MH N of E2 & CW 2140 E2 & CW 2145	m m m m	30.1 30.1 30.1 30.1	Subtotal:	

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

UNIT PR			-	-		
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
M. 6	Full Segment CIPP	E2				
a)	300mm		m	30.1		
M. 7	Reinstatement of Sewer Services	E2	each	4		
					Subtotal:	
N	Balmoral St (Asset No.MA20017656) - Mostyn PI (Asset No. MH20013142) to Mostyn PI (Asset No. MH20013242)					
N. 1	Sewer Cleaning 300mm	E2 & CW 2140				
a) i)	Pre-lining Cleaning		m	31.5		
	Warranty Cleaning		m	31.5		
N. 2 a)	Sewer Inspection 300mm	E2 & CW 2145				
,	Pre-lining Inspection		m	31.5		
-	Post Lining Inspection		m	31.5		
iii)	Warranty Inspection		m	31.5		
N. 3	Remove Intruding Sewer Services	E2	each	1		
N. 4	Flow Control	E2	each	1		
N. 5	Full Segment CIPP	E2				
a)	300mm		m	31.5		
N. 6	Reinstatement of Sewer Services	E2	each	3		
					Subtotal:	
<u>o</u>	Balmoral St (Asset No.MA20014544) - Mostyn PI (Asset No. MH20013147) to Mostyn PI (Asset No. MH20013136)					
0. 1	Sewer Cleaning	E2 & CW 2140				
a)	300mm	011 2140				
,	Pre-lining Cleaning		m	41.8		
ii)	Warranty Cleaning		m	41.8		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
0. 2	Sewer Inspection	E2 & CW 2145				
a)	300mm					
	Pre-lining Inspection		m	41.8		
ii)	Post Lining Inspection		m	41.8		
iii)	Warranty Inspection		m	41.8		
O. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	1		
O. 4	Remove Intruding Sewer Services	E2	each	5		
O. 5	Flow Control	E2	each	1		
O. 6	Full Segment CIPP	E2				
a)	300mm		m	41.8		
O. 7	Reinstatement of Sewer Services	E2	each	11		
					Subtotal:	
<u>P</u>	Boyd (Asset No.MA00015213) - 1st MH St (Asset No. MH00013576) to MH at A (Asset No. MH00013544)					
<u>P</u>		ikins St				
<u>Р</u> Р. 1	St (Asset No. MH00013576) to MH at A					
	St (Asset No. MH00013576) to MH at A (Asset No. MH00013544)	ikins St E2 &				
P. 1 a)	St (Asset No. MH00013576) to MH at A (Asset No. MH00013544) Sewer Cleaning	ikins St E2 &	m	100.5		
P. 1 a) i)	St (Asset No. MH00013576) to MH at A (Asset No. MH00013544) Sewer Cleaning 300mm	ikins St E2 &	m	100.5 100.5		
P. 1 a) i) ii)	St (Asset No. MH00013576) to MH at A (Asset No. MH00013544) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning	E2 & CW 2140				
P. 1 a) i) F. 2	St (Asset No. MH00013576) to MH at A (Asset No. MH00013544) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 & CW 2140				
P. 1 a) i) ii) P. 2 a)	St (Asset No. MH00013576) to MH at A (Asset No. MH00013544) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm	E2 & CW 2140	m	100.5		
P. 1 a) ii) P. 2 a) i)	St (Asset No. MH00013576) to MH at A (Asset No. MH00013544) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection	E2 & CW 2140	m m	100.5 100.5		
P. 1 a) ii) F. 2 a) i) ii)	St (Asset No. MH00013576) to MH at A (Asset No. MH00013544) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m m m	100.5 100.5 100.5		
P. 1 a) ii) F. 2 a) i) ii)	St (Asset No. MH00013576) to MH at A (Asset No. MH00013544) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection	E2 & CW 2140	m m	100.5 100.5		
P. 1 a) ii) F. 2 a) i) ii)	St (Asset No. MH00013576) to MH at A (Asset No. MH00013544) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m m m	100.5 100.5 100.5		
P. 1 a) i) ii) P. 2 a) i) ii) iii)	St (Asset No. MH00013576) to MH at A (Asset No. MH00013544) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2140 E2 & CW 2145	m m m	100.5 100.5 100.5 100.5		
P. 1 a) ii) ii) P. 2 a) ii) iii) iii) P. 3	St (Asset No. MH00013576) to MH at A (Asset No. MH00013544) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Remove Intruding Sewer Services	E2 & CW 2140 E2 & CW 2145	m m m each	100.5 100.5 100.5 100.5 5		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

UNIT PR	ICES		-			
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
P. 6	Reinstatement of Sewer Services	E2	each	20		
					Subtotal:	
<u>Q</u>	Burrows Av (Asset No.MA00014541) - McKenzie St (Asset No. MH00012986)	to MH at				
	McKenzie St (Asset No. MH00012958)	-				
Q. 1	Sewer Cleaning	E2 & CW 2140				
a)	300mm	GVV 2140				
,	Pre-lining Cleaning		m	86.8		
,	Warranty Cleaning		m	86.8		
,		E2 &				
Q. 2	Sewer Inspection	CW 2145				
a)	300mm					
,	Pre-lining Inspection		m	86.8		
,	Post Lining Inspection		m	86.8		
111)	Warranty Inspection		m	86.8		
Q. 3	Solid Debris Cutting	CW 2140				
a)	First 3 metres		each	1		
b)	At Joints and Services		each	8		
Q. 4	Additional Solid Debris Cutting	E2	m	6.2		
Q. 5	Remove Intruding Sewer Services	E2	each	1		
Q. 6	Flow Control	E2	each	1		
Q. 7	Full Segment CIPP	E2				
a)	300mm		m	86.8		
Q. 8	Reinstatement of Sewer Services	E2	each	18		
					Subtotal:	
<u>२</u>	Burrows Av (Asset No.MA70012752) - Parr St (Asset No. MH00013024) to MH					
	WPL (Asset No. MH70006349)					
		E2 &				
R. 1	Sewer Cleaning	CW 2140				
a)	450mm Pro lining Cleaning			02.4		
,	Pre-lining Cleaning Warranty Cleaning		m m	93.4 93.4		
11)			111	33.4		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
R. 2		E2 &				
	Sewer Inspection 450mm	CW 2145				
<i>'</i>	Pre-lining Inspection		m	93.4		
	Post Lining Inspection		m	93.4 93.4		
	Warranty Inspection		m	93.4		
R. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	20		
R. 4	Remove Intruding Sewer Services	E2	each	1		
R. 5	Flow Control	E2	each	1		
R. 6	Full Segment CIPP	E2				
a)	450mm		m	93.4		
	Reinstatement of Sewer Services	E2	each	18		
R. 7						
R. 7					Subtotal:	
R. 7	Canara St (Asset No.MA20013951) - M	H at			Subtotal:	
	Wolseley (Asset No. MH20012639) to				Subtotal:	
	· · · · · · · · · · · · · · · · · · ·				Subtotal:	
<u>s</u>	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617)	1st MH W of E2 &			Subtotal:	
<u>s</u> S. 1	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617) Sewer Cleaning	1st MH W of			Subtotal:	
<b>S</b> S. 1 a)	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617) Sewer Cleaning 300mm	1st MH W of E2 &			Subtotal:	
<b>S</b> . 1 a) i)	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617) Sewer Cleaning 300mm Pre-lining Cleaning	1st MH W of E2 &	m	94.3	Subtotal:	
<b>S</b> . 1 a) i)	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617) Sewer Cleaning 300mm	E2 & CW 2140	m	94.3 94.3	Subtotal:	
<b>S</b> . 1 (i) (ii)	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning	E2 & CW 2140			Subtotal:	
<b>S</b> . 1 (a) (i) (ii) (S. 2)	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 & CW 2140			Subtotal:	
<b>S</b> . 1 (a) (i) (ii) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm	E2 & CW 2140	m	94.3	Subtotal:	
S. 1 a) i) i) S. 2 a) i)	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection	E2 & CW 2140	m m	94.3 94.3	Subtotal:	
<b>S</b> . 1 (i) (i) (i) (i) (i) (i) (i)	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m m m	94.3 94.3 94.3	Subtotal:	
<b>S</b> . 1 (i) (i) (i) (i) (i) (i) (i)	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection	E2 & CW 2140	m m	94.3 94.3	Subtotal:	
<b>S</b> . 1 (i) (i) (i) (i) (i) (i) (i)	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m m m	94.3 94.3 94.3	Subtotal:	
S. 1 (a) (i) (i) (i) (i) (i) (ii) (ii)	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2140 E2 & CW 2145	m m m	94.3 94.3 94.3 94.3	Subtotal:	
S. 1 (a) (i) (i) (i) (i) (ii) (ii) (ii) (ii)	Wolseley (Asset No. MH20012639) to Wolseley (Asset No. MH20012617) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Remove Intruding Sewer Services	1st MH W of E2 & CW 2140 E2 & CW 2145	m m m each	94.3 94.3 94.3 94.3 1	Subtotal:	

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

UNIT PR	10E3		T			
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
S. 6	Reinstatement of Sewer Services	E2	each	12		
					Subtotal:	
Γ	Charles St (Asset No.MA00013216) - M	1H at				
	Sutherland Av (Asset No. MH00011793	3) to MH at				
	Jarvis Av (Asset No. MH00011827)					
		E2 &				
T. 1	Sewer Cleaning	CW 2140				
a)	600mm					
i)	Pre-lining Cleaning		m	123.2		
ii)	Warranty Cleaning		m	123.2		
		E2 &				
T. 2	Sewer Inspection	CW 2145				
a)	600mm					
,	Pre-lining Inspection		m	123.2		
,	Post Lining Inspection		m	123.2		
iii)	Warranty Inspection		m	123.2		
Т. З	Solid Debris Cutting	CW 2140				
a)	First 3 metres		each	1		
b)	At Joints and Services		each			
0)			each	3		
T. 4	Additional Solid Debris Cutting	E2	m	3.8		
T. 5	Remove Intruding Sewer Services	E2	each	1		
T. 6	Flow Control	E2	each	1		
T. 7	Full Segment CIPP	E2				
a)	600mm		m	123.2		
T. 8	Reinstatement of Sewer Services	E2	each	18		
1.0	Reinstatement of Sewer Services	LZ	each	10		
					Subtotal:	
J	Chestnut St (Asset No.MA20013971) -					
	of Westminster Av (Asset No. MH2001 MH S of Westminster Av (Asset No. M					
		E2 &				
U. 1	Sewer Cleaning	CW 2140				
a)	300mm					
	Pre-lining Cleaning		m	84.9		
ii)	Warranty Cleaning		m	84.9		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF. E2 &		QUANTITY	PRICE	
U. 2	Sewer Inspection	CW 2145				
a)	300mm					
í)	Pre-lining Inspection		m	84.9		
,	Post Lining Inspection		m	84.9		
	Warranty Inspection		m	84.9		
U. 3	Remove Intruding Sewer Services	E2	each	4		
U. 4	Flow Control	E2	each	1		
U. 5	Full Segment CIPP	E2				
a)	300mm		m	84.9		
U. 6	Reinstatement of Sewer Services	E2	each	15		
					Subtotal:	
<u>v</u>	Dominion St (Asset No.MA20010196) -	· MH at			Custotun	
	Yarwood Av (Asset No. MH20009310)					
	of Yarwood Av (Asset No. MH2000936	3)				
	Course Classing	E2 &				
V. 1	Sewer Cleaning	CW 2140				
,	300mm					
	Pre-lining Cleaning		m	104.3		
11)	Warranty Cleaning	E2 &	m	104.3		
V. 2	Sewer Inspection	CW 2145				
a)	300mm	011 21 10				
	Pre-lining Inspection		m	104.3		
	Post Lining Inspection		m	104.3		
	Warranty Inspection		m	104.3		
,				10 110		
V. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	4		
V. 4	Flow Control	E2	each	1		
V. 5	Full Segment CIPP	E2				
	300mm		m	104.3		
				_		
V. 6	Reinstatement of Sewer Services	E2	each	22		
					Subtotal:	

# FORM B: PRICES

## (SEE B9)

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

UNIT PR		SPEC.	r	APPROX.	UNIT	
ITEM	DESCRIPTION	REF.	UNIT	QUANTITY	PRICE	AMOUNT
N	Dorchester Av (Asset No.MA60010519					
	Guelph St (Asset No. MH60008814) to					
	of Harrow St (Asset No. MH60008808)					
		E2 &				
W. 1	Sewer Cleaning	CW 2140				
a)	450mm					
,	Pre-lining Cleaning		m	86.3		
ii)	Warranty Cleaning	50.0	m	86.3		
W. 2	Sewer Inspection	E2 & CW 2145				
a)	450mm	0112143				
,	Pre-lining Inspection		m	86.3		
	Post Lining Inspection		m	86.3		
	Warranty Inspection		m	86.3		
D.				00.0		
W. 3	Flow Control	E2	each	1		
W. 4	Full Segment CIPP	E2				
a)	450mm		m	86.3		
W. 5	Reinstatement of Sewer Services	E2	each	10		
					Subtotal:	
<u>X</u>	Dublin Av (Asset No.MA20011695) - 1					
	Orange St (Asset No. MH60010649) to	2nd MH E of				
	Orange St (Asset No. MH60010648)					
N/ 4		E2 &				
X. 1	Sewer Cleaning	CW 2140				
a)	300mm					
-	Pre-lining Cleaning		m	100.0		
ii)	Warranty Cleaning	<b>FO 0</b>	m	100.0		
X. 2	Sewer Inspection	E2 & CW 2145				
a)	300mm	0112143				
	Pre-lining Inspection		m	100.0		
	Post Lining Inspection		m	100.0		
				100.0		
	Warranty Inspection		m			
	Warranty Inspection		m	100.0		
	Warranty Inspection Solid Debris Cutting	CW 2140	m	100.0		
iii)		CW 2140	m each	1		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
X. 5	Full Segment CIPP	E2				
	300mm	LZ	m	100.0		
u)				100.0		
X. 6	Reinstatement of Sewer Services	E2	each	7		
					Subtotal:	
Y	Dundarn PI (Asset No.MA20015050) - Walnut St (Asset No. MH20013368) to Walnut St (Asset No. MH20013567)					
		E2 &				
Y. 1	Sewer Cleaning	CW 2140				
	300mm					
	Pre-lining Cleaning		m	44.0		
)	Warranty Cleaning	E2 &	m	44.0		
Y. 2	Sewer Inspection	CW 2145				
	300mm					
i)	Pre-lining Inspection		m	44.0		
ii)	Post Lining Inspection		m	44.0		
iii)	Warranty Inspection		m	44.0		
Y. 3	Solid Debris Cutting	CW 2140				
	At Joints and Services		each	1		
Y. 4	Remove Intruding Sewer Services	E2	each	1		
Y. 5	Flow Control	E2	each	1		
Y. 6	Full Segment CIPP	E2				
a)	300mm		m	44.0		
Y. <u>7</u>	Reinstatement of Sewer Services	E2	each	7		
					Subtotal:	

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

		SPEC.		APPROX.	UNIT	
ITEM	DESCRIPTION	REF.	UNIT	QUANTITY	PRICE	AMOUNT
2	Ethelbert St (Asset No.MA20015072 Westminster Av (Asset No. MH2001 Westminster (Asset No. MH7002230	, 3813) to MH at				
		E2 &				
Z. 1	Sewer Cleaning	CW 2140				
a)	300mm					
i)	Pre-lining Cleaning		m	83.7		
ii)	Warranty Cleaning		m	83.7		
7 0		E2 &				
Z. 2	Sewer Inspection	CW 2145				
a)	300mm					
,	Pre-lining Inspection		m	83.7		
,	Post Lining Inspection		m	83.7		
iii)	Warranty Inspection		m	83.7		
Z. 3	Solid Debris Cutting	CW 2140				
2. 3 a)	First 3 metres	011 2140	each			
a)			each	1		
Z. 4	Flow Control	E2	each	1		
Z. 5	Full Segment CIPP	E2				
a)	300mm		m	83.7		
a)						
a) Z. 6	Reinstatement of Sewer Services	E2	each	8		
,	Reinstatement of Sewer Services	E2	each	8	Subtotal:	
Z. 6	Reinstatement of Sewer Services Ethelbert St (Asset No.MA20015326 Westminster Av (Asset No. MH2001 MH N of Westminster Av (Asset No.	) - 2nd MH N of 3846) to 1st MH20013813)		8	Subtotal:	
Z. 6	Ethelbert St (Asset No.MA20015326 Westminster Av (Asset No. MH2001 MH N of Westminster Av (Asset No.	) - 2nd MH N of 3846) to 1st MH20013813) E2 &		8	Subtotal:	
<u>Z. 6</u>	Ethelbert St (Asset No.MA20015326 Westminster Av (Asset No. MH2001 MH N of Westminster Av (Asset No. Sewer Cleaning	) - 2nd MH N of 3846) to 1st MH20013813)		8	Subtotal:	
Z. 6 AA AA. 1 a)	Ethelbert St (Asset No.MA20015326 Westminster Av (Asset No. MH2001 MH N of Westminster Av (Asset No. Sewer Cleaning 300mm	) - 2nd MH N of 3846) to 1st MH20013813) E2 &			Subtotal:	
Z. 6 AA. 1 a) i)	Ethelbert St (Asset No.MA20015326 Westminster Av (Asset No. MH2001 MH N of Westminster Av (Asset No. Sewer Cleaning 300mm Pre-lining Cleaning	) - 2nd MH N of 3846) to 1st MH20013813) E2 &	m	82.9	Subtotal:	
Z. 6 AA. 1 a) i)	Ethelbert St (Asset No.MA20015326 Westminster Av (Asset No. MH2001 MH N of Westminster Av (Asset No. Sewer Cleaning 300mm	) - 2nd MH N of 3846) to 1st MH20013813) E2 & CW 2140			Subtotal:	
Z. 6 AA. 1 a) i) ii)	Ethelbert St (Asset No.MA20015326 Westminster Av (Asset No. MH2001 MH N of Westminster Av (Asset No. Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning	) - 2nd MH N of 3846) to 1st MH20013813) E2 & CW 2140 E2 &	m	82.9	Subtotal:	
Z. 6 AA. 1 a) i) ii)	Ethelbert St (Asset No.MA20015326 Westminster Av (Asset No. MH2001 MH N of Westminster Av (Asset No. Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	) - 2nd MH N of 3846) to 1st MH20013813) E2 & CW 2140	m	82.9	Subtotal:	
Z. 6 AA. 1 a) i) ii) AA. 2 a)	Ethelbert St (Asset No.MA20015326 Westminster Av (Asset No. MH2001 MH N of Westminster Av (Asset No. Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm	) - 2nd MH N of 3846) to 1st MH20013813) E2 & CW 2140 E2 &	m	82.9 82.9	Subtotal:	
Z. 6 AA. 1 AA. 1 i) ii) AA. 2 a) i)	Ethelbert St (Asset No.MA20015326 Westminster Av (Asset No. MH2001 MH N of Westminster Av (Asset No. Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	) - 2nd MH N of 3846) to 1st MH20013813) E2 & CW 2140 E2 &	m	82.9	Subtotal:	

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
				QUANTIT	TRIOE	
AA. 3	Flow Control	E2	each	1		
AA. 4	Full Segment CIPP	E2				
a)	300mm		m	82.9		
AA. 5	Reinstatement of Sewer Services	E2	each	11		
					Subtotal:	
<u>AB</u>	Ethelbert St (Asset No.MA2013947) - 1 Wolseley Av (Asset No. MH20012633) of Wolseley Av (Asset No. MH2001264	to 2nd MH N				
		E2 &				
AB. 1	Sewer Cleaning	CW 2140				
a) i)	300mm Pre-lining Cleaning		m	77.7		
	Warranty Cleaning		m	77.7		
,		E2 &				
AB. 2	Sewer Inspection	CW 2145				
a)	300mm					
	Pre-lining Inspection		m	77.7		
	Post Lining Inspection		m	77.7		
III)	Warranty Inspection		m	77.7		
AB. 3	Flow Control	E2	each	1		
AB. 4	Full Segment CIPP	E2				
a)	300mm		m	77.7		
AB. 5	Reinstatement of Sewer Services	E2	each	10		
					Subtotal:	
<u>AC</u>	Flora Av (Asset No.MA00012996) - 1st Andrews St (Asset No. MH00011659) Andrews St (Asset No. MH00011642)					
	Sower Cleaning	E2 &				
AC. 1 a)	Sewer Cleaning 300mm	CW 2140				
,	Pre-lining Cleaning		m	92.8		
,	Warranty Cleaning		m m	92.8 92.8		
1)			111	32.0		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AC. 2 a)	Sewer Inspection 300mm	E2 & CW 2145				
,	Pre-lining Inspection			92.8		
	Post Lining Inspection		m m	92.8 92.8		
· ·	Warranty Inspection		m	92.8 92.8		
,				32.0		
AC. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	1		
AC. 4	Remove Intruding Sewer Services	E2	each	1		
AC. 5	Flow Control	E2	each	1.0		
AC. 6	Full Segment CIPP	E2				
a)	300mm		m	92.8		
u)		E2	each	4		
AC. 7	Reinstatement of Sewer Services Flora Av (Asset No.MA00013415) - Mł				Subtotal:	
,	•	Hat to 1st MH E			Subtotal:	
AC. 7	Flora Av (Asset No.MA00013415) - Mł Robinson St (Asset No. MH00013083) of Robinson St (Asset No. MH7000670	H at to 1st MH E 05) E2 &			Subtotal:	
AC. 7 AD AD. 1	Flora Av (Asset No.MA00013415) - Mł Robinson St (Asset No. MH00013083) of Robinson St (Asset No. MH7000670 Sewer Cleaning	H at to 1st MH E 05)			Subtotal:	
AC. 7 AD AD. 1 a)	Flora Av (Asset No.MA00013415) - MH Robinson St (Asset No. MH00013083) of Robinson St (Asset No. MH7000670 Sewer Cleaning 375mm	H at to 1st MH E 05) E2 &			Subtotal:	
AC. 7 AD AD. 1 a) i)	Flora Av (Asset No.MA00013415) - MH Robinson St (Asset No. MH00013083) of Robinson St (Asset No. MH7000670 Sewer Cleaning 375mm Pre-lining Cleaning	H at to 1st MH E 05) E2 &	m	74.2	Subtotal:	
AC. 7 AD AD. 1 a) i)	Flora Av (Asset No.MA00013415) - MH Robinson St (Asset No. MH00013083) of Robinson St (Asset No. MH7000670 Sewer Cleaning 375mm	H at to 1st MH E 05) E2 & CW 2140		74.2 74.2	Subtotal:	
AC. 7 AD AD. 1 a) i)	Flora Av (Asset No.MA00013415) - MH Robinson St (Asset No. MH00013083) of Robinson St (Asset No. MH7000670 Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning	H at to 1st MH E 05) E2 & CW 2140 E2 &	m		Subtotal:	
AC. 7 <u>AD</u> AD. 1 a) i) ii) AD. 2	Flora Av (Asset No.MA00013415) - MH Robinson St (Asset No. MH00013083) of Robinson St (Asset No. MH7000670 Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	H at to 1st MH E 05) E2 & CW 2140	m		Subtotal:	
AC. 7 <u>AD</u> AD. 1 a) ii) AD. 2 a)	Flora Av (Asset No.MA00013415) - MH Robinson St (Asset No. MH00013083) of Robinson St (Asset No. MH7000670 Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm	H at to 1st MH E 05) E2 & CW 2140 E2 &	m	74.2	Subtotal:	
AC. 7 <u>AD</u> AD. 1 a) i) ii) AD. 2 a) i) i)	Flora Av (Asset No.MA00013415) - MH Robinson St (Asset No. MH00013083) of Robinson St (Asset No. MH7000670 Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	H at to 1st MH E 05) E2 & CW 2140 E2 &	m m		Subtotal:	
AC. 7 <u>AD</u> AD. 1 a) i) ii) AD. 2 a) i) ii) ii)	Flora Av (Asset No.MA00013415) - MH Robinson St (Asset No. MH00013083) of Robinson St (Asset No. MH7000670 Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection	H at to 1st MH E 05) E2 & CW 2140 E2 &	m m m	74.2 74.2	Subtotal:	
AC. 7 <u>AD</u> AD. 1 a) i) ii) AD. 2 a) i) ii) ii)	Flora Av (Asset No.MA00013415) - MH Robinson St (Asset No. MH00013083) of Robinson St (Asset No. MH7000670 Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection	H at to 1st MH E 05) E2 & CW 2140 E2 &	m m m	74.2 74.2 74.2	Subtotal:	
AC. 7 AD. 1 a) i) ii) AD. 2 a) ii) iii) iii)	Flora Av (Asset No.MA00013415) - MH Robinson St (Asset No. MH00013083) of Robinson St (Asset No. MH7000670 Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	H at to 1st MH E 05) E2 & CW 2140 E2 & CW 2145	m m m	74.2 74.2 74.2	Subtotal:	
AC. 7 <u>AD</u> AD. 1 a) i) ii) AD. 2 a) ii) iii) AD. 3	Flora Av (Asset No.MA00013415) - MH Robinson St (Asset No. MH00013083) of Robinson St (Asset No. MH7000670 Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting	H at to 1st MH E 05) E2 & CW 2140 E2 & CW 2145	m m m m	74.2 74.2 74.2 74.2	Subtotal:	

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

		SPEC.	UNIT	APPROX.	UNIT	
ITEM	DESCRIPTION	REF.	UNIT	QUANTITY	PRICE	AMOUNT
AD. 6	Full Segment CIPP	E2				
a)	375mm		m	74.2		
	Reinstatement of Sewer Services	E2	aaab	10		
AD. 7	Reinstatement of Sewer Services	EZ	each	12		
. –					Subtotal:	
<u>AE</u>	Furby St (Asset No.MA20014494) - 1st Westminster Av (Asset No. MH200130					
	Westminster Av (Asset No. MH200130	•				
	1		1			
AE. 1	Sewer Cleaning	E2 & CW 2140				
a)	375mm	011 2110				
,	Pre-lining Cleaning		m	83.4		
	Warranty Cleaning		m	83.4		
. – .		E2 &				
AE. 2	Sewer Inspection	CW 2145				
a) .`.	375mm			<b>a</b> a (		
	Pre-lining Inspection		m	83.4		
	Post Lining Inspection Warranty Inspection		m m	83.4 83.4		
111)	Warranty inspection			03.4		
AE. 3	Remove Intruding Sewer Services	E2	each	1		
AE. 4	Flow Control	E2	each	1		
AE. 5	Full Segment CIPP	E2				
a)	375mm		m	83.4		
AE. 6	Reinstatement of Sewer Services	E2	each	10		
					Subtotal:	
<u>AF</u>	Furby St (Asset No. MA20014580) - MH					
	(Asset No. MH20013165) to 1st MH N (	of Sara Av				
	(Asset No. MH20013217)					
	Source Cleaning	E2 &				
AF. 1	Sewer Cleaning	CW 2140				
a) i)	450mm Pre-lining Cleaning			100.0		
,	Warranty Cleaning		m m	106.6 106.6		
II)	wanany Cleaning			0.001		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AF. 2 a)	Sewer Inspection 450mm	E2 & CW 2145				
,	Pre-lining Inspection		m	106.6		
	Post Lining Inspection		m	106.6		
	Warranty Inspection		m	106.6		
ÁF. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services	011 2140	each	3		
ч)			ouon	3		
AF. 4	Flow Control	E2	each	1		
AF. 5	Full Segment CIPP	E2				
a)	450mm		m	106.6		
	Reinstatement of Sewer Services	E2	each	12		
AF. 6						
AF. 6	Garry St (Asset No. MA20014331) - 2n Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951)				Subtotal:	
		o 1st MH N of			Subtotal:	
<u>AG</u>	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951)	E2 &			Subtotal:	
AG AG	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951) Sewer Cleaning	o 1st MH N of			Subtotal:	
AG AG a)	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951) Sewer Cleaning 300mm	E2 &	m	55.9	Subtotal:	
AG AG a) i)	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951) Sewer Cleaning 300mm Pre-lining Cleaning	E2 &	m	55.9 55.9	Subtotal:	
AG AG a) i) ii)	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951) Sewer Cleaning 300mm	E2 & CW 2140		55.9 55.9	Subtotal:	
AG AG a) i) ii) AG	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 & CW 2140			Subtotal:	
AG AG a) i) ii) AG a)	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm	E2 & CW 2140		55.9	Subtotal:	
AG AG a) i) ii) AG a) i)	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection	E2 & CW 2140	m m	55.9 55.9	Subtotal:	
AG AG a) i) ii) AG a) i) ii)	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m m m	55.9 55.9 55.9	Subtotal:	
AG AG a) i) ii) AG a) i) ii)	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection	E2 & CW 2140	m m	55.9 55.9	Subtotal:	
AG AG a) i) ii) AG a) i) ii)	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m m m	55.9 55.9 55.9	Subtotal:	
AG AG a) i) ii) AG a) i) ii) iii)	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2140 E2 & CW 2145	m m m	55.9 55.9 55.9	Subtotal:	
AG AG a) i) ii) AG a) ii) iii) iii)	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting	E2 & CW 2140 E2 & CW 2145	m m m	55.9 55.9 55.9 55.9	Subtotal:	
AG AG a) i) ii) AG a) iii) iii) AG a)	Broadway (Asset No. MH20012958) to Broadway (Asset No. MH20012951) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Warranty Inspection Solid Debris Cutting At Joints and Services	E2 & CW 2140 E2 & CW 2145 CW 2145	m m m each	55.9 55.9 55.9 55.9	Subtotal:	

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT	AMOUNT
		REF.		QUANTITY	PRICE	
AG	Reinstatement of Sewer Service	s E2	each	11		
					Subtotal:	
<u>H</u>	Garry St (Asset No. MA200143	32) - 1ST MH N of			Subiolal.	
	Broadway (Asset No. MH2001)					
	Broadway (Asset No. MH2001)	2950)				
		E2 &				
<b></b> ЧΗ.	Sewer Cleaning	CW 2140				
a)	375mm					
i)	Pre-Design Cleaning		m	61.7		
ii)	Pre-lining Cleaning		m	61.7		
iii)	Warranty Cleaning		m	61.7		
		E2 &				
λH.	Sewer Inspection	CW 2145				
a)	375mm					
,	Pre-Design Inspection		m	61.7		
	Pre-lining Inspection		m	61.7		
	Post Lining Inspection		m	61.7		
iv)	Warranty Inspection		m	61.7		
ΑH.	Flow Control	E2	each	1		
ΑH.	Full Segment CIPP	E2				
a)	375mm		m	61.7		
		·				
					Subtotal:	
<u>\I</u>	George Av (Asset No. MA2001 Duncan St (Asset No. MH2001	•				
	Duncan St (Asset No. MH2001	2182)				
	•	-		1 1		
Al. 1	Duncan St (Asset No. MH2001	E2 &				
	Duncan St (Asset No. MH2001 Sewer Cleaning	-				
a)	Duncan St (Asset No. MH2001 Sewer Cleaning 300mm	E2 &	m	70.2		
a) i)	Duncan St (Asset No. MH2001 Sewer Cleaning 300mm Pre-lining Cleaning	E2 &	m	70.2		
a) i)	Duncan St (Asset No. MH2001 Sewer Cleaning 300mm	E2 & CW 2140	m m	70.2 70.2		
a) i) ii)	Duncan St (Asset No. MH2001 Sewer Cleaning 300mm Pre-lining Cleaning	E2 &				
a) i) ii)	Duncan St (Asset No. MH2001 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning	E2 & CW 2140 E2 &				
a) i) ii) AI. 2 a)	Duncan St (Asset No. MH2001 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm	E2 & CW 2140 E2 &		70.2		
i) ii) AI. 2 a) i)	Duncan St (Asset No. MH2001 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 & CW 2140 E2 &	m			

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AI. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	1		
Al. 4	Remove Intruding Sewer Services	E2	each	3		
AI. 5	Flow Control	E2	each	1		
AI. 6	Full Segment CIPP	E2				
a)	300mm		m	70.2		
AI. 7	Reinstatement of Sewer Services	E2	each	13		
			-	-	Subtotal:	
AJ	George Av (Asset No. MA20013413) - 7 Argyle St (Asset No. MH20012141) to I Westminster Av (Asset No. MH200121	MH at				
		E2 &				
AJ. 1	Sewer Cleaning	CW 2140				
a)	300mm					
	Pre-lining Cleaning		m	42.4		
ii)	Warranty Cleaning	E2 &	m	42.4		
AJ. 2	Sewer Inspection	CW 2145				
a)	300mm					
i)	Pre-lining Inspection		m	42.4		
	Post Lining Inspection		m	42.4		
iii)	Warranty Inspection		m	42.4		
AJ. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	1		
AJ. 4	Remove Intruding Sewer Services	E2	each	1		
AJ. 5	Flow Control	E2	each	1		
AJ. 6	Full Segment CIPP	E2				
a)	300mm		m	42.4		
AJ. 7	Reinstatement of Sewer Services	E2	each	7		
					Subtotal:	

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>AK</u>	Good St (Asset No. MA20014842) - 2n Mary Av (Asset No. MH20013405) to 1 St. Mary Av (Asset No. MH20013396)	d MH S of St.	1			
AK. 1	Sewer Cleaning	E2 &				
an. 1 a)	375mm	CW 2140				
,	Pre-lining Cleaning		m	93.6		
	Warranty Cleaning		m	93.6		
, АК. 2 а)	Sewer Inspection 375mm	E2 & CW 2145				
,	Pre-lining Inspection		m	93.6		
ii)	Post Lining Inspection		m	93.6		
iii)	Warranty Inspection		m	93.6		
AK. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	7		
AK. 4	Remove Intruding Sewer Services	E2	each	2		
AK. 5	Flow Control	E2	each	1		
AK. 6	Full Segment CIPP	E2				
a)	375mm		m	93.6		
AK. 7	Reinstatement of Sewer Services	E2	each	13		
					Subtotal:	
<u>AL</u>	Grove St (Asset No. MA00013880) - 1s Rover Av (Asset No. MH00012379) to Av (Asset No. MH00012378)					
AL. 1	Sewer Cleaning	E2 &				
aL. 1	300mm	CW 2140				
,	Pre-lining Cleaning		m	97.4		
	Warranty Cleaning		m	97.4 97.4		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AL. 2	Sewer Inspection	E2 & CW 2145				
a)	300mm					
	Pre-lining Inspection		m	97.4		
	Post Lining Inspection		m	97.4		
iii)	Warranty Inspection		m	97.4		
AL. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	3		
AL. 4	Remove Intruding Sewer Services	E2	each	1		
AL. 5	Flow Control	E2	each	1		
AL. 6	Full Segment CIPP	E2				
a)	300mm		m	97.4		
,				19		
AL. 7	Reinstatement of Sewer Services Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to		each	19	Subtotal:	
AL. 7		d MH N of	eacn	19	Subtotal:	
AL. 7	Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to Euclid Av (Asset No. MH00012201)	d MH N of 1st MH N of E2 &	eacn	19	Subtotal:	
AL. 7	Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to	d MH N of 1st MH N of	eacn	19	Subtotal:	
AL. 7 AM AM. 1 a)	Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to Euclid Av (Asset No. MH00012201) Sewer Cleaning 300mm	d MH N of 1st MH N of E2 &			Subtotal:	
AL. 7 AM AM. 1 a) i)	Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to Euclid Av (Asset No. MH00012201) Sewer Cleaning 300mm Pre-lining Cleaning	d MH N of 1st MH N of E2 &	m	104.8	Subtotal:	
AL. 7 AM AM. 1 a) i)	Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to Euclid Av (Asset No. MH00012201) Sewer Cleaning 300mm	d MH N of 1st MH N of E2 &	m		Subtotal:	
AL. 7 AM AM. 1 a) i)	Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to Euclid Av (Asset No. MH00012201) Sewer Cleaning 300mm Pre-lining Cleaning	d MH N of 1st MH N of E2 & CW 2140	m	104.8	Subtotal:	
AL. 7 AM. 1 AM. 1 a) i)	Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to Euclid Av (Asset No. MH00012201) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning	d MH N of 1st MH N of E2 & CW 2140 E2 &	m	104.8	Subtotal:	
AL. 7 AM. 1 a) i) ii) AM. 2 a)	Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to Euclid Av (Asset No. MH00012201) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	d MH N of 1st MH N of E2 & CW 2140 E2 &	m	104.8	Subtotal:	
AL. 7 AM. 1 a) i) ii) AM. 2 a) i) ii)	Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to Euclid Av (Asset No. MH00012201) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	d MH N of 1st MH N of E2 & CW 2140 E2 &	m	104.8 104.8	Subtotal:	
AL. 7 AM. 1 a) i) ii) AM. 2 a) i) ii)	Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to Euclid Av (Asset No. MH00012201) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection	d MH N of 1st MH N of E2 & CW 2140 E2 &	m m m	104.8 104.8 104.8	Subtotal:	
AL. 7 AM. 1 a) i) ii) AM. 2 a) i) ii)	Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to Euclid Av (Asset No. MH00012201) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	d MH N of 1st MH N of E2 & CW 2140 E2 &	m m m m	104.8 104.8 104.8 104.8	Subtotal:	
AL. 7 <u>AM</u> AM. 1 a) i) ii) AM. 2 a) ii) ii) iii)	Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to Euclid Av (Asset No. MH00012201) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	d MH N of 1st MH N of E2 & CW 2140 E2 & CW 2145	m m m m	104.8 104.8 104.8 104.8 104.8 104.8	Subtotal:	
AL. 7 AM. 1 a) i) ii) AM. 2 a) ii) iii) AM. 3	Hallet St (Asset No. MA00013709) - 2n Euclid Av (Asset No. MH00012268) to Euclid Av (Asset No. MH00012201) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Remove Intruding Sewer Services	d MH N of 1st MH N of E2 & CW 2140 E2 & CW 2145	m m m m m each	104.8 104.8 104.8 104.8 104.8 104.8 1	Subtotal:	

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

UNIT PR	ICES		1			
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT	AMOUNT
		REF.		QUANTITY	PRICE	
AM. 6	Reinstatement of Sewer Services	E2	each	25		
Į		<u>I</u>	<u>.</u>	••		
					Subtotal:	
	Hargrave St (CL) (Asset No. MA20014					
	MH N of Broadway Av (Asset No. MH2	•				
	3rd MH N of Broadway Av (Asset No. )	WITZUU 1 2072)				
		E2 &	1	<u>г</u>		
AN. 1	Sewer Cleaning	CW 2140				
	300mm					
,	Pre-lining Cleaning		m	14.9		
-	Warranty Cleaning		m	14.9		
,		E2 &		11.0		
AN. 2	Sewer Inspection	CW 2145				
a)	300mm					
i)	Pre-lining Inspection		m	14.9		
	Post Lining Inspection		m	14.9		
	Warranty Inspection		m	14.9		
-						
AN. 3	Flow Control	E2	each	1		
AN. 4	Full Segment CIPP	E2				
	300mm		m	14.9		
- /				14.5		
AN. 5	Reinstatement of Sewer Services	E2	each	3		
					Subtotal:	
	Henry Av (Asset No. MA20019690) - 2r Maude St (Asset No. MH20017694) to					
	Maude St (Asset No. MH20017746)					
		E2 &				
AO. 1	Sewer Cleaning	CW 2140				
a)	300mm					
i)	Pre-lining Cleaning		m	46.5		
	Warranty Cleaning		m	46.5		
ŗ		E2 &				
	Sewer Inspection	CW 2145				
a)	300mm					
i)	Pre-lining Inspection		m	46.5		
ii)	Post Lining Inspection		m	46.5		
	Warranty Inspection					

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AO. 3	Solid Debris Cutting	CW 2140				
a)	First 3 metres		each	1		
b)	At Joints and Services		each	1		
,						
AO. 4	Additional Solid Debris Cutting	E2	m	0.4		
AO. 5	Flow Control	E2	each	1		
AO. 6	Full Segment CIPP	E2				
a)	300mm		m	46.5		
AO. 7	Reinstatement of Sewer Services	E2	each	3		
					Subtotal:	
<u>AP</u>	Home St (Asset No. MA20018038) - 2n Wellington Av (Asset No. MH2001618 N of Wellignton Av (Asset No. MH200	6) to 1st MH				
	Τ	E2 &	1			
AP. 1	Sewer Cleaning	CW 2140				
	5					
a)	375mm					
<i>,</i>	375mm Pre-lining Cleaning		m	93.7		
i)			m m	93.7 93.7		
i) ii)	Pre-lining Cleaning Warranty Cleaning	E2 &				
i) ii) AP. 2	Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 & CW 2145				
i) ii) AP. 2 a)	Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm		m	93.7		
i) ii) AP. 2 a) i)	Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection		m m	93.7 93.7		
i) ii) AP. 2 a) i) ii)	Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm		m	93.7		
i) ii) AP. 2 a) i) ii) iii)	Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	CW 2145	m m m	93.7 93.7 93.7		
i) ii) AP. 2 a) ii) iii) AP. 3	Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting		m m m	93.7 93.7 93.7 93.7		
i) ii) AP. 2 a) ii) iii) AP. 3 a)	Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting First 3 metres	CW 2145	m m m each	93.7 93.7 93.7		
i) ii) AP. 2 a) ii) iii) AP. 3	Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting	CW 2145	m m m	93.7 93.7 93.7 93.7		
i) ii) AP. 2 a) ii) iii) AP. 3 a)	Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting First 3 metres	CW 2145	m m m each	93.7 93.7 93.7 93.7 1		
i) ii) AP. 2 a) ii) iii) AP. 3 a) b)	Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting First 3 metres At Joints and Services	CW 2145 CW 2140	m m m each each	93.7 93.7 93.7 93.7 1 1		
i) ii) AP. 2 a) ii) iii) AP. 3 a) b) AP. 4	Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting First 3 metres At Joints and Services Additional Solid Debris Cutting	CW 2145 CW 2140 E2	m m m each each m	93.7 93.7 93.7 93.7 1 1 19.0		
i) ii) AP. 2 a) ii) iii) AP. 3 a) b) AP. 4 AP. 5	Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting First 3 metres At Joints and Services Additional Solid Debris Cutting Remove Intruding Sewer Services	CW 2145 CW 2140 E2 E2	m m m each each m each	93.7 93.7 93.7 93.7 1 1 19.0 3		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

				T T		
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
					TRIOL	
AP. 8	Reinstatement of Sewer Services	E2	each	22		
					Subtotal:	
AQ	Home St (Asset No. MA20013367) - 1					
	Portage Av (Asset No. MH20013910) Preston Av (Asset No. MH70013154)	to MH at				
10.4		E2 &				
AQ. 1	Sewer Cleaning	CW 2140				
a)	300mm					
	i) Pre-lining Cleaning		m	83.3		
II	i) Warranty Cleaning	<b>FO</b> 8	m	83.3		
AQ. 2	Sewer Inspection	E2 & CW 2145				
a)	300mm	0112140				
,	i) Pre-lining Inspection		m	83.3		
	i) Post Lining Inspection		m	83.3		
	i) Warranty Inspection		m	83.3		
AQ. 3	Remove Intruding Sewer Services	E2	each	1		
AQ. 4	Flow Control	E2	each	1		
AQ. 5	Full Segment CIPP	E2				
a)	300mm		m	83.3		
AQ. 6	Reinstatement of Sewer Services	E2	each	7		
	•					
AR	Honeyman Av (Asset No. MA2001545				Subtotal:	
	Chestnut St (CL) (Asset No. MA2001343					
	Chestnut (EPL) (Asset No. MH200139	•				
		E2 &				
AR. 1	Sewer Cleaning	CW 2140				
a)	450mm					
	i) AQ.		m	12.6		
11	i) Warranty Cleaning		m	12.6		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
		E2 &		QUANTIT	TRICE	
AR. 2	Sewer Inspection	CW 2145				
a)	450mm					
	Pre-lining Inspection		m	12.6		
	Post Lining Inspection		m	12.6		
iii)	Warranty Inspection		m	12.6		
AR. 3	Remove Intruding Sewer Services	E2	each	2		
AR. 4	Flow Control	E2	each	1		
AR. 5	Full Segment CIPP	E2				
a)	450mm		m	12.6		
AR. 6	Reinstatement of Sewer Services	E2	each	4		
					Cubtotoli	
					Subtotal:	
AS	Kennedy St (Asset No. MA20014045)	- 3rd MH S of			Subtotal:	
<u>AS</u>	Kennedy St (Asset No. MA20014045) Broadway Av (Asset No. MH20012724				Subtotal:	
<u>AS</u>	Kennedy St (Asset No. MA20014045) Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127	) to 4th MH S			Subtotal:	
<u>AS</u>	Broadway Av (Asset No. MH20012724	) to 4th MH S			Subtotal:	
	Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127	e) to 4th MH S 723) E2 &			Subtotal:	
AS. 1	Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127 Sewer Cleaning	) to 4th MH S 723)			Subtotal:	
AS. 1 a)	Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127 Sewer Cleaning 550mm	e) to 4th MH S 723) E2 &			Subtotal:	
AS. 1 a) i)	Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127 Sewer Cleaning 550mm Pre-lining Cleaning	e) to 4th MH S 723) E2 &	m	45.5	Subtotal:	
AS. 1 a) i)	Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127 Sewer Cleaning 550mm	E2 & CW 2140		45.5 45.5	Subtotal:	
AS. 1 a) i)	Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127 Sewer Cleaning 550mm Pre-lining Cleaning Warranty Cleaning	E2 & CW 2140	m		Subtotal:	
AS. 1 a) i) ii) AS. 2	Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127 Sewer Cleaning 550mm Pre-lining Cleaning	E2 & CW 2140	m		Subtotal:	
AS. 1 a) i) ii) AS. 2 a)	Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127 Sewer Cleaning 550mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 550mm	E2 & CW 2140	m m	45.5	Subtotal:	
AS. 1 a) ii) AS. 2 a) i)	Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127 Sewer Cleaning 550mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 550mm Pre-lining Inspection	E2 & CW 2140	m	45.5 45.5	Subtotal:	
AS. 1 a) ii) ii) AS. 2 a) i) ii)	Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127 Sewer Cleaning 550mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 550mm	E2 & CW 2140	m m m	45.5	Subtotal:	
AS. 1 a) ii) ii) AS. 2 a) i) ii)	Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127 Sewer Cleaning 550mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 550mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m m m	45.5 45.5 45.5	Subtotal:	
AS. 1 a) ii) AS. 2 a) i) ii) iii)	Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127 Sewer Cleaning 550mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 550mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2140 E2 & CW 2140 E2 & CW 2145	m m m m	45.5 45.5 45.5 45.5	Subtotal:	
AS. 1 a) ii) AS. 2 a) ii) iii) iii)	Broadway Av (Asset No. MH20012724 of Broadway Av (Asset No. MH200127 Sewer Cleaning 550mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 550mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Flow Control	E2 & CW 2140 E2 & CW 2140 E2 & CW 2145	m m m m	45.5 45.5 45.5 45.5	Subtotal:	

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

UNIT	PRICES

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT	AMOUNT
		REF.		QUANTITY	PRICE	AMOUNT
<u> </u>	Kennedy St (Asset No. MA20014046) Broadway Av (Asset No. MH2001272 of Broadway Av (Asset No. MH20012	5) to 3rd MH S				
AT 4		E2 &				
AT. 1	Sewer Cleaning	CW 2140				
a)	550mm					
	i) Pre-lining Cleaning		m	42.2		
II	i) Warranty Cleaning	E2 &	m	42.2		
AT. 2	Sewer Inspection	CW 2145				
a)	550mm					
	i) Pre-lining Inspection i) Post Lining Inspection		m	42.2		
	i) Warranty Inspection		m	42.2 42.2		
111			m	42.2		
AT. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	2		
AT. 4	Remove Intruding Sewer Services	E2	each	1		
AT. 5	Flow Control	E2	each	1		
AT. 6	Full Segment CIPP	E2				
a)	550mm		m	42.2		
AT. 7	Reinstatement of Sewer Services	E2	each	5		
					Subtotal:	
<u>AU</u>	Kennedy (Asset No. MA20014047) - 2 Broadway Av (Asset No. MH2001276 of Broadway Av (Asset No. MH20012	B) to 1st MH S				
ATT 4	Sower Cleaning	E2 &				
AU. 1	Sewer Cleaning	CW 2140				
a)	550mm			00.0		
	i) Pre-lining Cleaning		m	88.8		
	i) Warranty Cleaning	1	m	88.8		

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
AU. 2	Sewer Inspection	E2 & CW 2145				
a)	550mm					
	Pre-lining Inspection		m	88.8		
	Post Lining Inspection		m	88.8		
iii)	Warranty Inspection		m	88.8		
AU. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	2		
AU. 4	Remove Intruding Sewer Services	E2	each	1		
AU. 5	Flow Control	E2	each	1		
AU. 6	Full Segment CIPP	E2				
a)	550mm		m	88.8		
	Reinstatement of Sewer Services	E2	each	8		
AU. 7		· 1st MH N of			Subtotal:	
AU. 7	Kennedy St (Asset No. MA20016935) · Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221)				Subtotal:	
AV	Kennedy St (Asset No. MA20016935) · Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221)	o MH at			Subtotal:	
<u>Αν</u> Αν. 1	Kennedy St (Asset No. MA20016935) - Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221) Sewer Cleaning	o MH at			Subtotal:	
<u>AV</u> AV. 1 a)	Kennedy St (Asset No. MA20016935) - Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221) Sewer Cleaning 300mm	o MH at		00.4	Subtotal:	
<u>ΑV</u> AV. 1 a) i)	Kennedy St (Asset No. MA20016935) - Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221) Sewer Cleaning 300mm Pre-lining Cleaning	o MH at	m	99.4	Subtotal:	
<u>ΑV</u> AV. 1 a) i)	Kennedy St (Asset No. MA20016935) - Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221) Sewer Cleaning 300mm	e MH at E2 & CW 2140	m m	99.4 99.4	Subtotal:	
<u>ΑV</u> AV. 1 a) i)	Kennedy St (Asset No. MA20016935) - Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning	o MH at			Subtotal:	
<u>AV</u> AV. 1 a) i)	Kennedy St (Asset No. MA20016935) - Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221) Sewer Cleaning 300mm Pre-lining Cleaning	e MH at E2 & CW 2140 E2 &			Subtotal:	
AV. 1 a) i) ii) AV. 2 a)	Kennedy St (Asset No. MA20016935) - Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm	e MH at E2 & CW 2140 E2 &	m	99.4	Subtotal:	
AV. 1 a) i) ii) AV. 2 a) i)	Kennedy St (Asset No. MA20016935) - Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection	e MH at E2 & CW 2140 E2 &		99.4 99.4	Subtotal:	
AV. 1 a) ii) ii) AV. 2 a) i) ii)	Kennedy St (Asset No. MA20016935) - Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm	e MH at E2 & CW 2140 E2 &	m m	99.4	Subtotal:	
AV. 1 a) ii) ii) AV. 2 a) i) ii)	Kennedy St (Asset No. MA20016935) - Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	e MH at E2 & CW 2140 E2 &	m m m	99.4 99.4 99.4	Subtotal:	
AV. 1 a) i) ii) AV. 2 a) ii) ii) iii)	Kennedy St (Asset No. MA20016935) - Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2140 E2 & CW 2145	m m m	99.4 99.4 99.4	Subtotal:	
AV. 1 a) i) ii) AV. 2 a) i) ii) ii) iii) AV. 3	Kennedy St (Asset No. MA20016935) - Sargent Av (Asset No. MH20015216) t Sargent Av (Asset No. MH20015221) Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting	E2 & CW 2140 E2 & CW 2145	m m m	99.4 99.4 99.4 99.4	Subtotal:	

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT				
AV. 6	Full Segment CIPP	E2								
a)	300mm		m	99.4						
,										
AV. 7	Reinstatement of Sewer Services	E2	each	13						
					Subtotal:					
AW Kennedy St (Asset No. MA20014044) - 4th MH S of Broadway Av (Asset No. MH20012723) to 5th MH S of Broadway Av (Asset No. MH20012720)										
		E2 &								
AW.a)	Sewer Cleaning	CW 2140								
,	550mm Des lisies Classies			07.0						
	Pre-lining Cleaning Warranty Cleaning		m	87.2						
II)		E2 &	m	87.2						
AW. 2	Sewer Inspection	CW 2145								
a)	550mm									
i)	Pre-lining Inspection		m	87.2						
	Post Lining Inspection		m	87.2						
iii)	Warranty Inspection		m	87.2						
AW. 3	Solid Debris Cutting	CW 2140								
a)	At Joints and Services		each	2						
AW. 4	Remove Intruding Sewer Services	E2	each	2						
AW. 5	Flow Control	E2	each	1						
AW. 6	Full Segment CIPP	E2								
a)	550mm		m	87.2						
AW. 7	Reinstatement of Sewer Services	E2	each	9						
Subtotal:										

#### (SEE D9)

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

			1	r -		1
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>AX</u>	Langside St (Asset No. MA20016763) of Sargent Av (Asset No. MH20015092 S of Sargent Av (Asset No. MH200150	- 2nd MH S ) to 3rd MH	L			
AX. 1	Sewer Cleaning	E2 & CW 2140				
a)	375mm	GVV 2140				
,	Pre-lining Cleaning		m	76.2		
,	Warranty Cleaning		m	76.2		
AX. 2	Sewer Inspection	E2 & CW 2145		10.2		
a)	375mm					
i)	Pre-lining Inspection		m	76.2		
ii)	Post Lining Inspection		m	76.2		
iii)	Warranty Inspection		m	76.2		
AX. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	2		
AX. 4	Remove Intruding Sewer Services	E2	each	6		
AX. 5	Flow Control	E2	each	1		
AX. 6	Full Segment CIPP	E2				
a)	375mm		m	76.2		
AX. 7	Reinstatement of Sewer Services	E2	each	19		
					Subtotal:	
<u>AY</u>	Langside St (Asset No. MA20016473) Furley PI (Asset No. MH20014818) to 1 Furby PI (Asset No. MH70012356)					
		E2 &				
AY. 1	Sewer Cleaning	CW 2140				
a)	300mm					
,	Pre-lining Cleaning		m	75.5		
ii)	Warranty Cleaning		m	75.5		

### 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
		E2 &				
AY. 2	Sewer Inspection	CW 2145				
a)	300mm					
-	Pre-lining Inspection		m	75.5		
	Post Lining Inspection		m	75.5		
iii)	Warranty Inspection		m	75.5		
AY. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	2		
AY. 4	Remove Intruding Sewer Services	E2	each	5		
AY. 5	Flow Control	E2	each	1		
AY. 6	Full Segment CIPP	E2				
a)	300mm		m	75.5		
a)				19		
AY. 7 AZ	Reinstatement of Sewer Services		each	19	Subtotal:	
AY. 7		st MH S of to MH at	eacn	19	Subtotal:	
AY. 7	Lipton St (Asset No. MA20013794) - 1s Wolseley Av (Asset No. MH20012511) Westminster Av (Asset No. MH200124	st MH S of to MH at 92) E2 &	eacn	19	Subtotal:	
AY. 7 AZ AZ. 1	Lipton St (Asset No. MA20013794) - 19 Wolseley Av (Asset No. MH20012511) Westminster Av (Asset No. MH200124 Sewer Cleaning	st MH S of to MH at 92)	eacn	19	Subtotal:	
AY. 7 AZ AZ. 1 a)	Lipton St (Asset No. MA20013794) - 1s Wolseley Av (Asset No. MH20012511) Westminster Av (Asset No. MH200124 Sewer Cleaning 300mm	st MH S of to MH at 92) E2 &			Subtotal:	
AY. 7 AZ AZ. 1 a) i)	Lipton St (Asset No. MA20013794) - 19 Wolseley Av (Asset No. MH20012511) Westminster Av (Asset No. MH200124 Sewer Cleaning 300mm Pre-lining Cleaning	st MH S of to MH at 92) E2 &	m	74.5	Subtotal:	
AY. 7 AZ AZ. 1 a) i)	Lipton St (Asset No. MA20013794) - 1s Wolseley Av (Asset No. MH20012511) Westminster Av (Asset No. MH200124 Sewer Cleaning 300mm	st MH S of to MH at 92) E2 & CW 2140			Subtotal:	
AY. 7 AZ AZ. 1 a) i)	Lipton St (Asset No. MA20013794) - 19 Wolseley Av (Asset No. MH20012511) Westminster Av (Asset No. MH200124 Sewer Cleaning 300mm Pre-lining Cleaning	st MH S of to MH at 92) E2 &	m	74.5	Subtotal:	
AY. 7 AZ AZ. 1 a) i)	Lipton St (Asset No. MA20013794) - 1s Wolseley Av (Asset No. MH20012511) Westminster Av (Asset No. MH200124 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning	E2 & E2 & CW 2140	m	74.5	Subtotal:	
AY. 7 <u>AZ</u> AZ. 1 a) i) ii) AZ. 2 a)	Lipton St (Asset No. MA20013794) - 1s Wolseley Av (Asset No. MH20012511) Westminster Av (Asset No. MH200124 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 & E2 & CW 2140	m	74.5	Subtotal:	
AY. 7 AZ. 1 AZ. 1 a) i) ii) AZ. 2 a) i)	Lipton St (Asset No. MA20013794) - 1s Wolseley Av (Asset No. MH20012511) Westminster Av (Asset No. MH200124 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm	E2 & E2 & CW 2140	m m	74.5 74.5	Subtotal:	
AY. 7 AZ. 1 a) i) ii) AZ. 2 a) ii) ii)	Lipton St (Asset No. MA20013794) - 1s Wolseley Av (Asset No. MH20012511) Westminster Av (Asset No. MH200124 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection	E2 & E2 & CW 2140	m m m	74.5 74.5 74.5	Subtotal:	
AY. 7 AZ. 1 a) i) ii) AZ. 2 a) ii) ii)	Lipton St (Asset No. MA20013794) - 1s Wolseley Av (Asset No. MH20012511) Westminster Av (Asset No. MH200124 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	E2 & E2 & CW 2140	m m m m	74.5 74.5 74.5 74.5	Subtotal:	
AY. 7 <u>AZ</u> AZ. 1 a) i) ii) AZ. 2 a) ii) ii) iii)	Lipton St (Asset No. MA20013794) - 1s Wolseley Av (Asset No. MH20012511) Westminster Av (Asset No. MH200124 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2140 E2 & CW 2140 E2 & CW 2145	m m m m	74.5 74.5 74.5 74.5 74.5 74.5	Subtotal:	
AY. 7 AZ. 1 AZ. 1 a) i) ii) AZ. 2 a) ii) iii) AZ. 3	Lipton St (Asset No. MA20013794) - 19 Wolseley Av (Asset No. MH20012511) Westminster Av (Asset No. MH200124 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Remove Intruding Sewer Services	E2 & CW 2140 E2 & CW 2140 E2 & CW 2145	m m m m m each	74.5 74.5 74.5 74.5 74.5 74.5 1	Subtotal:	

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ii)	Warranty Cleaning		m	5.7		
,	Pre-lining Cleaning		m	5.7		
a)	750mm					
BB. 1	Sewer Cleaning	E2 & CW 2140				
	(Asset No. MH20016277)	t ville St (EL)				
<u>BB</u>	Logan Av (Asset No. MA20013042) - M (CL) (Asset No. MH20010963) to MH a					
					Subtotal:	
BA. 6	Reinstatement of Sewer Services	E2	each	11		
a)	750mm		m	100.2		
BA. 5	Full Segment CIPP	E2				
BA. 4	Flow Control	E2	each	1		
a)	At Joints and Services		each	3		
BA. 3	Solid Debris Cutting	CW 2140				
iii)	Warranty Inspection		m	100.2		
,	Post Lining Inspection		m	100.2		
,	Pre-lining Inspection		m	100.2		
BA. 2 a)	Sewer Inspection 750mm	CW 2145				
		E2 &		100.2		
,	Pre-lining Cleaning Warranty Cleaning		m m	100.2 100.2		
a)	750mm			105.5		
BA. 1	Sewer Cleaning	CW 2140				
	St (Asset No. MH70015978)	E of Queich		г г		
<u>BA</u>	Logan Av (Asset No. MA20012030) - M St (Asset No. MH20010965) to 1st MH					
					Subtotal:	
AZ. 6	Reinstatement of Sewer Services	E2	each	18		
IIEM	DESCRIPTION	REF.	UNIT	QUANTITY	PRICE	AMOUNT
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT	AMOUNT

### 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
BB. 2	Sewer Inspection	E2 & CW 2145				
a)	750mm					
-	Pre-lining Inspection		m	5.7		
	Post Lining Inspection		m	5.7		
iii)	Warranty Inspection		m	5.7		
BB. 3	Flow Control	E2	each	1		
BB. 4	Full Segment CIPP	E2				
a)	750mm		m	5.7		
					Subtotal:	
	St (Asset No. MH20011918) to 1st MH St (Asset No. MH20017446)		T			
BC 1	Sewer Cleaning	E2 & CW 2140				
a)	750mm	677 2140				
,	Pre-lining Cleaning		m	47.6		
	Warranty Cleaning		m	47.6		
,		E2 &		11.0		
BC 2	Sewer Inspection	CW 2145				
a)	750mm					
	Pre-lining Inspection		m	47.6		
	Post Lining Inspection		m	47.6		
iii)	Warranty Inspection		m	47.6		
BC 3	Flow Control	E2	each	1		
BC 4	Full Segment CIPP	E2				
a)	750mm		m	47.6		
BC 5	Reinstatement of Sewer Services	E2	each	4		
					Subtotal:	

ITEMDESCRIPTIONSPEC. REF.UNITAPPROX. QUANTITYUNIT PRICEAMOBDLogan Av (Asset No. MA70024709) - 1st MH E of Blaine St (Asset No. MH70008536) to MH at Winks St (Asset No. MH20011918)	OUNT
BDLogan Av (Asset No. MA70024709) - 1st MH E of Blaine St (Asset No. MH70008536) to MH at Winks St (Asset No. MH20011918)E2 & CW 2140BD 1Sewer Cleaning 600mm/750mm i) Pre-lining Cleaning ii) Warranty CleaningE2 & CW 2140mBD 2Sewer Inspection 600mm/750mm i) Pre-lining InspectionE2 & CW 2145mBD 2Sewer Inspection 600mm/750mm ii) Pre-lining Inspectionm106.5ii) Post Lining Inspectionm106.5m	
Blaine St (Asset No. MH70008536) to MH at Winks St (Asset No. MH20011918)BD 1Sewer CleaningE2 & CW 2140a)600mm/750mmMi)Pre-lining Cleaningmii)Pre-lining Cleaningmiii)Warranty CleaningmBD 2Sewer InspectionE2 & MM750mmi)Pre-lining Inspectionmii)Pre-lining Inspectionmiii)Post Lining InspectionmiiiiPost Lining InspectionmiiiiPost Lining InspectionmiiiiPost Lining InspectionmiiiiiPost Lining InspectionmiiiiPost Lining InspectionmiiiiPost Lining InspectionmiiiiPost Lining InspectionmiiiiPost Lining InspectionmiiiiPost Lining InspectionmiiiiPost Lining InspectionmiiiiiPost Lining Inspectionm </td <td></td>	
St (Asset No. MH20011918)BD 1Sewer CleaningE2 & CW 2140a)600mm/750mmmi)Pre-lining Cleaningmii)Warranty CleaningmBD 2Sewer InspectionE2 & Momm/750mma)600mm/750mmCW 2145ii)Pre-lining Inspectionmiii)Pre-lining Inspectionmiiii)Post Lining InspectionmiiiiiiiiiPost Lining InspectionmiiiiiiiiiiiiiiPre-lining Inspectionmiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	
BD 1Sewer CleaningCW 2140a)600mm/750mmmi)Pre-lining Cleaningmii)Warranty CleaningmBD 2Sewer InspectionE2 &a)600mm/750mmCW 2145i)Pre-lining Inspectionmii)Pre-lining Inspectionmiii)Post Lining InspectionmiiiiPost Lining InspectionmiiiiiiiiPost Lining Inspectionmiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	
BD 1Sewer CleaningCW 2140a)600mm/750mmmi)Pre-lining Cleaningmii)Warranty CleaningmBD 2Sewer InspectionE2 &a)600mm/750mmCW 2145i)Pre-lining Inspectionmii)Pre-lining Inspectionmiii)Post Lining InspectionmiiiiPost Lining InspectionmiiiiiiiiPost Lining Inspectionmiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	
a)600mm/750mmi)Pre-lining Cleaningii)Warranty Cleaningm106.5BD 2Sewer Inspectiona)600mm/750mmi)Pre-lining Inspectionii)Pre-lining Inspectionm106.5m106.5	
i)Pre-lining Cleaningm106.5ii)Warranty CleaningE2 &m106.5BD 2Sewer InspectionCW 2145a)600mm/750mmi)Pre-lining Inspectionm106.5ii)Post Lining Inspectionm106.5	
ii) Warranty Cleaning m 106.5 BD 2 Sewer Inspection CW 2145 a) 600mm/750mm i) Pre-lining Inspection m 106.5 ii) Post Lining Inspection m 106.5	
BD 2Sewer InspectionE2 & CW 2145a)600mm/750mm	
BD 2Sewer InspectionCW 2145a)600mm/750mmmi)Pre-lining Inspectionmii)Post Lining Inspectionmiii)106.5	
a) 600mm/750mm i) Pre-lining Inspection ii) Post Lining Inspection m 106.5 m 106.5	
i) Pre-lining Inspection m 106.5 ii) Post Lining Inspection m 106.5	
ii) Post Lining Inspection m 106.5	
iii) Warranty Inspection m 106.5	
BD 3 Flow Control E2 each 1	
BD 4 Full Segment CIPP E2	
a) 600mm/750mm m 106.5	
BD 5 Reinstatement of Sewer Services E2 each 15	
Subtotal:	
BE Logan Av (Asset No. MA70040271) - 1st MH E of	
Quelch St (Asset No. MH70015978) to MH at Vine	
St (Asset No. MH20010963)	
E2 &	
BE. 1 Sewer Cleaning CW 2140	
a) 750mm	
i) Pre-lining Cleaning m 96.2	
ii) Warranty Cleaning m 96.2	
E2 &	
BE. 2 Sewer Inspection CW 2145	
a) 750mm	
i) Pre-lining Inspection m 96.2	
ii) Post Lining Inspection m 96.2	
iii) Warranty Inspection m 96.2	
BE. 3 Solid Debris Cutting CW 2140	
a) At Joints and Services each 2	

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
BE. 4	Remove Intruding Sewer Services	E2	each	1		
BE. 5	Flow Control	E2	each	1		
BE. 6	Full Segment CIPP	E2				
a)	750mm		m	96.2		
BE. 7	Reinstatement of Sewer Services	E2	each	17		
					Subtotal:	
<u>BF</u>	Logan Av (Asset No. MA70040638) - M (Asset No. MH70016277) to MH at Wes (Asset No. MH70016276)					
		E2 &				
BF. 1 a)	Sewer Cleaning 750mm	CW 2140				
,	Pre-lining Cleaning		m	90.4		
	Warranty Cleaning		m	90.4		
BF. 2 a)	Sewer Inspection 750mm	E2 & CW 2145				
, í	Pre-lining Inspection		m	90.4		
	Post Lining Inspection		m	90.4		
iii)	Warranty Inspection		m	90.4		
BF. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	3		
BF. 4	Flow Control	E2	each	1		
BF. 5	Full Segment CIPP	E2				
a)	750mm		m	90.4		
BF. 6	Reinstatement of Sewer Services	E2	each	7		
					Subtotal:	

# FORM B: PRICES

# (SEE B9)

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT	AMOUNT
		REF.	U.I.I.	QUANTITY	PRICE	
<u>BG</u>	Lorne Av (Asset No. MA00013745) - M Beaconsfield St (Asset No. MH000123 MH W of Beaconsfield St (Asset No. M	21) to 1st				
	Couver Cleaning	E2 &				
BG. 1	Sewer Cleaning	CW 2140				
a) .、	750mm					
	Pre-lining Cleaning		m	108.0		
11)	Warranty Cleaning	E2 &	m	108.0		
BG. 2	Sewer Inspection	CW 2145				
a)	750mm					
,	Pre-lining Inspection		m	108.0		
	Post Lining Inspection		m	108.0		
iii)	Warranty Inspection		m	108.0		
BG. 3	Solid Debris Cutting	CW 2140				
a)	First 3 metres		each	1		
BG. 4	Additional Solid Debris Cutting	E2	m	13.7		
BG. 5	Remove Intruding Sewer Services	E2	each	3		
BG. 6	Flow Control	E2	each	1		
BG. 7	Full Segment CIPP	E2				
a)	750mm		m	108.0		
BG. 8	Reinstatement of Sewer Services	E2	each	23		
					Subtotal:	
<u>BH</u>	Lusted Av (Asset No. MA00013591) - 1 Euclid Av (CL) (Asset No. MH0001233 Euclid Av (Asset No. MH00012117)					
	Source Cleaning	E2 &				
BH. 1	Sewer Cleaning	CW 2140				
a)	300mm					
,	Pre-lining Cleaning		m	82.6		
li)	Warranty Cleaning		m	82.6		

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT	AMOUNT
		REF.	UNIT	QUANTITY	PRICE	
BH. 2	Sewer Inspection	E2 & CW 2145				
a)	300mm	677 2145				
,			m	00.0		
	Pre-lining Inspection Post Lining Inspection		m	82.6		
,	Warranty Inspection		m m	82.6 82.6		
,				02.0		
BH. 3	Flow Control	E2	each	1		
BH. 4	Remove Intruding Sewer Services	E2	each	1		
BH. 5	Full Segment CIPP	E2				
a)	300mm		m	82.6		
BH. 6	Reinstatement of Sewer Services	E2	each	4		
					Subtotal:	
	Manitoba Av (Asset No. MA00014786)	- MH at				
BI	(					
BI	McGregor St (EPL) (Asset No. MH000	12529110 151				
BI	McGregor St (EPL) (Asset No. MH000 MH E of McGregor St (Asset No. MH0	•				
<u>BI</u>		•				
	MH E of McGregor St (Asset No. MH0	E2 &				
BI. 1	MH E of McGregor St (Asset No. MHO Sewer Cleaning	0013188)				
BI. 1 a)	MH E of McGregor St (Asset No. MHO Sewer Cleaning 300mm	E2 &		04.2		
Bl. 1 a) i)	MH E of McGregor St (Asset No. MHO Sewer Cleaning 300mm Pre-lining Cleaning	E2 &	m	94.3		
Bl. 1 a) i)	MH E of McGregor St (Asset No. MHO Sewer Cleaning 300mm	E2 & CW 2140	m m	94.3 94.3		
Bl. 1 a) i)	MH E of McGregor St (Asset No. MHO Sewer Cleaning 300mm Pre-lining Cleaning	E2 &				
Bl. 1 a) i) ii)	MH E of McGregor St (Asset No. MHO Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning	E2 & CW 2140 E2 &				
BI. 1 a) i) ii) BI. 2 a)	MH E of McGregor St (Asset No. MHO Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 & CW 2140 E2 &				
BI. 1 a) i) ii) BI. 2 a) i)	MH E of McGregor St (Asset No. MHO Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm	E2 & CW 2140 E2 &	m	94.3		
BI. 1 a) ii) BI. 2 a) i) ii)	MH E of McGregor St (Asset No. MHO Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection	E2 & CW 2140 E2 &	m m	94.3 94.3		
a) i) ii) BI. 2 a) i) ii)	MH E of McGregor St (Asset No. MHO Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140 E2 &	m m m	94.3 94.3 94.3		
BI. 1 a) ii) BI. 2 a) i) ii) iii)	MH E of McGregor St (Asset No. MHO Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2140 E2 & CW 2145	m m m	94.3 94.3 94.3 94.3		
BI. 1 a) i) ii) BI. 2 a) ii) iii) BI. 3	MH E of McGregor St (Asset No. MHO Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Remove Intruding Sewer Services	E2 & CW 2140 E2 & CW 2145 E2 & CW 2145	m m m each	94.3 94.3 94.3 94.3 1		
BI. 1 a) ii) ii) BI. 2 a) ii) iii) BI. 3 BI. 4	MH E of McGregor St (Asset No. MHO Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Remove Intruding Sewer Services Flow Control	E2 & CW 2140 E2 & CW 2145 E2 & CW 2145 E2 E2	m m m each	94.3 94.3 94.3 94.3 1		
BI. 1 a) i) ii) BI. 2 a) ii) iii) BI. 3 BI. 3 BI. 4 BI. 5	MH E of McGregor St (Asset No. MHO Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Warranty Inspection Remove Intruding Sewer Services Flow Control Full Segment CIPP	E2 & CW 2140 E2 & CW 2145 E2 & CW 2145 E2 E2	m m m each each	94.3 94.3 94.3 1 1		

UNIT PR	RICES	1	1	<u>г г</u>		
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>BJ</u>	Palmerston Av (Asset No. MA2001157 of Garfield St (Asset No. MH70008170 Garfield St (Asset No. MH20010547)	•				
BJ. 1	Sewer Cleaning	E2 & CW 2140				
a)	300mm	CVV 2140				
,	Pre-lining Cleaning		m	88.3		
,	Warranty Cleaning		m	88.3		
,		E2 &		00.0		
BJ. 2	Sewer Inspection	CW 2145				
a)	300mm					
i)	Pre-lining Inspection		m	88.3		
ii)	Post Lining Inspection		m	88.3		
iii)	Warranty Inspection		m	88.3		
BJ. 3	Remove Intruding Sewer Services	E2	each	1		
BJ. 4	Flow Control	E2	each	1		
BJ. 5	Full Segment CIPP	E2				
a)	300mm		m	88.3		
BJ. 6	Reinstatement of Sewer Services	E2	each	8		
					Subtotal:	
<u>BK</u>	Park Lane Av (Asset No. MA00008215) of Parklane Av (Asset No. MH0000861 S of Hekla Av (Asset No. MH00007471	0) to 2nd MH				
		E2 &				
BK. 1	Sewer Cleaning	CW 2140				
a)	250mm					
	Pre-lining Cleaning		m	121.5		
II)	Warranty Cleaning	E2 &	m	121.5		
BK. 2	Sewer Inspection	⊂∠ ∝ CW 2145				
a)	250mm					
,	Pre-lining Inspection		m	121.5		
,	Post Lining Inspection		m	121.5		
	Warranty Inspection		m	121.5		

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

UNIT PR			1			
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
BK. 4	Flow Control	E2	each	1		
BK. 5	Full Segment CIPP	E2				
a)	250mm		m	121.5		
BK. 6	Reinstatement of Sewer Services	E2	each	6		
					Subtotal:	
<u>BL</u>	Parr St (Asset No. MA70012386) - 1st I Alfred Av (Asset No. MH70004960) to I Burrows Av (Nof CL) (Asset No. MH00	MH at				
BL. 1	Sewer Cleaning	E2 & CW 2140				
ы. а)	600mm	677 2140				
	Pre-lining Cleaning		m	39.2		
,	Warranty Cleaning		m	39.2		
		E2 &				
BL. 2	Sewer Inspection	CW 2145				
a) .、	600mm					
	Pre-lining Inspection Post Lining Inspection		m	39.2		
	Warranty Inspection		m m	39.2 39.2		
BL. 3	Flow Control	E2	each	1		
BL. 4	Full Segment CIPP	E2				
a)	600mm		m	39.2		
BL. 5	Reinstatement of Sewer Services	E2	each	1		
					Subtotal:	
<u>BM</u>	Parr St (Asset No. MA00014622) - MH a (N of CL) (Asset No. MH00013035) to M Burrows (CL) (Asset No. MH00013038)	MH at				
BM. 1	Sewer Cleaning	E2 & CW 2140				
a) .、	600mm					
	Pre-lining Cleaning Warranty Cleaning		m	5.0		
11)	wananty Cleaning		m	5.0		

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
		E2 &		QUANTIT	TRIOL	
BM. 2	Sewer Inspection	CW 2145				
a)	600mm					
i)	Pre-lining Inspection		m	5.0		
	Post Lining Inspection		m	5.0		
iii)	Warranty Inspection		m	5.0		
BM. 3	Flow Control	E2	each	1		
BM. 4	Full Segment CIPP	E2				
a)	600mm		m	5.0		
BM. 5	Reinstatement of Sewer Services	E2	each	1		
					Subtotal:	
BN	Pembina Hwy (Asset No. MA60015825	) - 2nd MH N				
		o 3rd MH N				
	of Bison Dr (Asset No. MH60013541) t					
	of Bison Dr (Asset No. MH60013541) t of Bison Dr (Asset No. MH60013543)					
	. , , , , , , , , , , , , , , , , , , ,			T		
BN. 1	. , , , , , , , , , , , , , , , , , , ,	E2 & CW 2140				
	of Bison Dr (Asset No. MH60013543)	E2 &				
BN. 1 a)	of Bison Dr (Asset No. MH60013543) Sewer Cleaning	E2 &	m	96.6		
BN. 1 a) i)	of Bison Dr (Asset No. MH60013543) Sewer Cleaning 250mm	E2 &	m	96.6 96.6		
BN. 1 a) i) ii)	of Bison Dr (Asset No. MH60013543) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning	E2 & CW 2140 E2 &				
BN. 1 a) i) ii) BN. 2	of Bison Dr (Asset No. MH60013543) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 & CW 2140				
BN. 1 a) i) ii) BN. 2 a)	of Bison Dr (Asset No. MH60013543) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm	E2 & CW 2140 E2 &	m	96.6		
BN. 1 a) i) ii) BN. 2 a) i)	of Bison Dr (Asset No. MH60013543) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm Pre-lining Inspection	E2 & CW 2140 E2 &	m m	96.6 96.6		
BN. 1 a) ii) BN. 2 a) i) ii)	of Bison Dr (Asset No. MH60013543) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140 E2 &	m m m	96.6 96.6 96.6		
BN. 1 a) ii) BN. 2 a) i) ii)	of Bison Dr (Asset No. MH60013543) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm Pre-lining Inspection	E2 & CW 2140 E2 &	m m	96.6 96.6		
BN. 1 a) ii) BN. 2 a) i) ii)	of Bison Dr (Asset No. MH60013543) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140 E2 &	m m m	96.6 96.6 96.6		
BN. 1 a) i) ii) BN. 2 a) i) ii) iii)	of Bison Dr (Asset No. MH60013543) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2140 E2 & CW 2145	m m m	96.6 96.6 96.6 96.6		
BN. 1 a) i) ii) BN. 2 a) ii) iii) iii) BN. 3	of Bison Dr (Asset No. MH60013543) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Flow Control	E2 & CW 2140 E2 & CW 2145 E2	m m m	96.6 96.6 96.6 96.6		
BN. 1 a) i) ii) BN. 2 a) ii) iii) iii) BN. 3 BN. 4	of Bison Dr (Asset No. MH60013543) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Flow Control Full Segment CIPP	E2 & CW 2140 E2 & CW 2145 E2	m m m each	96.6 96.6 96.6 96.6 1		

#### (SEE D9)

UNIT	PRICES
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UNIT PR	ICES		-			
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>BO</u>	Pembina Hwy (W of CL) (Asset No. M/ 3rd MH N of Bison Dr (Asset No. MH6) 4th MH N of Bison Dr (Asset No. MH6)	A60015827) - D013543) to	I			
		E2 &				
BO. 1	Sewer Cleaning	CW 2140				
a)	250mm					
i)	Pre-lining Cleaning		m	97.4		
ii)	Warranty Cleaning		m	97.4		
	O success la ser s stis a	E2 &				
BO. 2	Sewer Inspection	CW 2145				
,	250mm					
	Pre-lining Inspection		m	97.4		
	Post Lining Inspection		m	97.4		
iii)	Warranty Inspection		m	97.4		
BO. 3	Flow Control	E2	each	1		
BO. 4	Full Segment CIPP	E2				
a)	250mm		m	97.4		
BO. 5	Reinstatement of Sewer Services	E2	each	4		
					Subtotal:	
<u>BP</u>	Pembina Hwy (W of CL) (Asset No. MA 1st MH N of Bison Dr (Asset No. MH60 2nd MH N of Bison Dr (Asset No. MH6	0013492) to 0013542)				
BP. 1	Sewer Cleaning	E2 & CW 2140				
	250mm	011 2140				
	Pre-lining Cleaning		m	96.9		
	Warranty Cleaning		m	96.9 96.9		
"'		E2 &		90.9		
BP. 2	Sewer Inspection	CW 2145				
a)	250mm					
i)	Pre-lining Inspection		m	96.9		
	Post Lining Inspection		m	96.9		
	Warranty Inspection		m	96.9		
BP. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	2		
ς,				۷		

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

		SPEC.		APPROX.	UNIT	
ITEM	DESCRIPTION	REF.	UNIT	QUANTITY	PRICE	AMOUNT
BP. 4	Flow Control	E2	each	1		
BP. 5	Full Segment CIPP	E2				
a)	250mm		m	96.9		
BP. 6	Reinstatement of Sewer Services	E2	each	3		
					Subtotal:	
<u>BQ</u>	Pembina Hwy (Asset No. MA60015777 of Bison Dr (Asset No. MH60013491) to of Bison Dr (Asset No. MH60013492)					
BQ. 1	Sewer Cleaning	E2 & CW 2140				
	250mm	677 2140				
,	Pre-lining Cleaning		m	83.4		
,	Warranty Cleaning		m	83.4		
		E2 &				
BQ. 2	Sewer Inspection 250mm	CW 2145				
,	Pre-lining Inspection		m	83.4		
	Post Lining Inspection		m	83.4 83.4		
	Warranty Inspection		m	83.4		
BQ. 3	Remove Intruding Sewer Services	E2	each	1		
BQ. 4	Flow Control	E2	each	1		
BQ. 5	Full Segment CIPP	E2				
a)	250mm		m	83.4		
BQ. 6	Reinstatement of Sewer Services	E2	each	5		
					Subtotal:	
BR	Pembina Hwy (Asset No. MA60015775					
	of Bison Dr (Asset No. MH60013489) to of Bison Dr (Asset No. MH60013490)	o 1st MH S				
BR. 1	Sower Cleaning	E2 &				
вк. 1 а)	Sewer Cleaning 250mm	CW 2140				
,	Pre-lining Cleaning		m	88.2		
	Warranty Cleaning		m	88.2		
11)				00.2		

### 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
BR. 2 a)	Sewer Inspection 250mm	E2 & CW 2145				
,	Pre-lining Inspection		m	88.2		
	Post Lining Inspection		m	88.2		
	Warranty Inspection		m	88.2		
, BR. 3	Solid Debris Cutting	CW 2140				
a)	First 3 metres		each	1		
BR. 4	Additional Solid Debris Cutting	E2	m	5.0		
BR. 5	Remove Intruding Sewer Services	E2	each	1		
BR. 6	Flow Control	E2	each	1		
BR. 7	Full Segment CIPP	E2				
	250mm		m	88.2		
a)						
a) BR. 8	Reinstatement of Sewer Services	E2	each	4		
BR. 8	•		each	4	Subtotal:	
,	Reinstatement of Sewer Services Pembina Hwy (Asset No. MA60015776 of Bison Dr (Asset No. MH60013490) t	5) - 1st MH S	each	4	Subtotal:	
BR. 8	Pembina Hwy (Asset No. MA60015776	5) - 1st MH S	each	4	Subtotal:	
BR. 8	Pembina Hwy (Asset No. MA60015776 of Bison Dr (Asset No. MH60013490) t of Bison Dr (Asset No. MH60013491) Sewer Cleaning	5) - 1st MH S	each	4	Subtotal:	
BR. 8 BS	Pembina Hwy (Asset No. MA60015776 of Bison Dr (Asset No. MH60013490) t of Bison Dr (Asset No. MH60013491)	i) - 1st MH S o 1st MH N E2 &	each	4	Subtotal:	
BR. 8 BS BS. 1 a) i)	Pembina Hwy (Asset No. MA60015776 of Bison Dr (Asset No. MH60013490) t of Bison Dr (Asset No. MH60013491) Sewer Cleaning 250mm Pre-lining Cleaning	i) - 1st MH S o 1st MH N E2 &	each m	4 84.8	Subtotal:	
BR. 8 BS BS. 1 a) i)	Pembina Hwy (Asset No. MA60015776 of Bison Dr (Asset No. MH60013490) t of Bison Dr (Asset No. MH60013491) Sewer Cleaning 250mm	E) - 1st MH S o 1st MH N E2 & CW 2140			Subtotal:	
BR. 8 BS. 1 a) i) BS. 2	Pembina Hwy (Asset No. MA60015776 of Bison Dr (Asset No. MH60013490) t of Bison Dr (Asset No. MH60013491) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	i) - 1st MH S o 1st MH N E2 &	m	84.8	Subtotal:	
BR. 8 BS. 1 a) ii) BS. 2 a)	Pembina Hwy (Asset No. MA60015776 of Bison Dr (Asset No. MH60013490) t of Bison Dr (Asset No. MH60013491) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm	E2 & CW 2140	m m	84.8 84.8	Subtotal:	
BR. 8 BS. 1 a) i) BS. 2 a) i)	Pembina Hwy (Asset No. MA60015776 of Bison Dr (Asset No. MH60013490) t of Bison Dr (Asset No. MH60013491) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm Pre-lining Inspection	E2 & CW 2140	m m m	84.8 84.8 84.8	Subtotal:	
BR. 8 BS. 1 a) ii) BS. 2 a) ii) ii)	Pembina Hwy (Asset No. MA60015776 of Bison Dr (Asset No. MH60013490) t of Bison Dr (Asset No. MH60013491) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m m m	84.8 84.8 84.8 84.8	Subtotal:	
BR. 8 BS. 1 a) ii) BS. 2 a) ii) ii)	Pembina Hwy (Asset No. MA60015776 of Bison Dr (Asset No. MH60013490) t of Bison Dr (Asset No. MH60013491) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm Pre-lining Inspection	E2 & CW 2140	m m m	84.8 84.8 84.8	Subtotal:	
BR. 8 BS. 1 a) ii) BS. 2 a) ii) ii)	Pembina Hwy (Asset No. MA60015776 of Bison Dr (Asset No. MH60013490) t of Bison Dr (Asset No. MH60013491) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m m m	84.8 84.8 84.8 84.8	Subtotal:	
BR. 8 BS. 1 a) i) ii) BS. 2 a) ii) iii) iii)	Pembina Hwy (Asset No. MA60015776 of Bison Dr (Asset No. MH60013490) t of Bison Dr (Asset No. MH60013491) Sewer Cleaning 250mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 250mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2140 E2 & CW 2140 E2 & CW 2145	m m m m	84.8 84.8 84.8 84.8 84.8 84.8	Subtotal:	

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

		1	r	1		
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT	AMOUNT
		REF.	_	QUANTITY	PRICE	
		50				
BS. 5	Reinstatement of Sewer Services	E2	each	4		
					Subtatalı	
BT	Polson Av (W Leg) (Asset No. MA000	11222) - MU			Subtotal:	
	at Polson Av (N Leg) (Asset No. MA000					
	(Asset No. MH00009114)	5003113/10				
		E2 &		г		[
BT. 1	Sewer Cleaning	CW 2140				
a)	-	011 2140				
				10 -		
	i) Pre-lining Cleaning		m	42.7		
'	ii) Warranty Cleaning		m	42.7		
вт о	Sower Increation	E2 &				
BT. 2	Sewer Inspection	CW 2145				
a)						
	i) Pre-lining Inspection		m	42.7		
i	ii) Post Lining Inspection		m	42.7		
i	ii) Warranty Inspection		m	42.7		
		50				
BT. 3	Remove Intruding Sewer Services	E2	each	1		
BT. 4	Flow Control	E2	each	1		
BT. 5	Full Segment CIPP	E2				
a)	375mm		m	42.7		
BT. 6	Reinstatement of Sewer Services	E2	each	8		
					Subtotal:	
<u>BU</u>	Polson Av (Asset No. MA00012426) -					
	Airlies St (Asset No. MH00009139) to	3rd MH E of				
	Airlies St (Asset No. MH70027346)					
			T			
		E2 &				
BU. 1	Sewer Cleaning	CW 2140				
a)	1550x1200					
	i) Pre-lining Cleaning		m	100.7		
l i	ii) Warranty Cleaning		m	100.7		

### 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
BU. 2	Sewer Inspection	E2 & CW 2145				
a)	1550x1200	011 2143				
,	Pre-lining Inspection		m	100.7		
	Post Lining Inspection		m	100.7		
	Warranty Inspection		m	100.7		
BU. 3	Remove Intruding Sewer Services	E2	each	1		
BU. 4	Flow Control	E2	each	1		
BU. 5	Full Segment CIPP	E2				
a)	1550x1200		m	100.7		
BU. 6	Reinstatement of Sewer Services	E2	each	18		
					Subtotal:	
<u>BV</u>	Polson By (E Leg) (Asset No. MA0001 MH N of Polson St (N Leg) (Asset No.	-				
	MH00009150) to MH at Polson St (Ass TE00003828)	et No.				
BV. 1	Sewer Cleaning	E2 & CW 2140				
a)	300mm					
i)	Pre-lining Cleaning		m	42.3		
ii)	Warranty Cleaning		m	42.3		
	Course la caractica	E2 &				
BV. 2 a)	Sewer Inspection 300mm	CW 2145				
,	Pre-lining Inspection		m	42.3		
	Post Lining Inspection		m	42.3		
	Warranty Inspection		m	42.3		
,		ED				
BV. 3	Remove Intruding Sewer Services	E2	each	1		
BV. 4	Flow Control	E2	each	1		
BV. 5	Full Segment CIPP	E2				
			m	42.3		
a)	300mm			42.0		
a) BV. 6	300mm Reinstatement of Sewer Services	E2	each	5		

UNIT P		-	1	· · ·		
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>BW</u>	Portage Av (Asset No. MA20015441) Beverley St (Asset No. MH20013919 Canora St (Asset No. MH20013920)	- MH at				
BW. 1	Sewer Cleaning	E2 & CW 2140				
a)	600mm	CVV 2140				
,	) Pre-lining Cleaning		m	32.1		
	Warranty Cleaning		m	32.1		
		E2 &		52.1		
BW. 2	Sewer Inspection	CW 2145				
a)	600mm					
i	Pre-lining Inspection		m	32.1		
ii	) Post Lining Inspection		m	32.1		
iii	) Warranty Inspection		m	32.1		
BW. 3	Flow Control	E2	each	1		
3W. 4	Full Segment CIPP	E2				
a)	600mm		m	32.1		
			-		Subtotal:	
<u>BX</u>	Powers St (Asset No. MA00014872) Beverley St (Asset No. MH20013919 Canora St (Asset No. MH20013920)					
		E2 &				
BX. 1	Sewer Cleaning	CW 2140				
a)	600mm					
	) Pre-lining Cleaning		m	12.9		
11	) Warranty Cleaning	E2 &	m	12.9		
BX. 2	Sewer Inspection	CW 2145				
a)	600mm					
i	Pre-lining Inspection		m	12.9		
ii	) Post Lining Inspection		m	12.9		
iii	) Warranty Inspection		m	12.9		
	Internal Cower Densite	E3 &				
BX. 3	Internal Sewer Repairs	CW 2145				
a)	Concrete Patching		aceb			
I	) Up to 1.0 metre long		each	1.0		

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT		
BX. 4	Flow Control	E2	each	1				
BX. 5	Full Segment CIPP	E2						
a)	600mm		m	12.9				
BX. 6	Reinstatement of Sewer Services	E2	each	1				
			-		Subtatal			
BY       Powers St (Asset No. MA00013122) - MH at         Pritchard Av (Asset No. MH00011713) to MH at         Manitoba Av (Asset No. MH00013148)								
		E2 &						
BY. 1	Sewer Cleaning	CW 2140						
a)	750mm							
	Pre-lining Cleaning Warranty Cleaning		m m	90.6 90.6				
BY. 2	Sewer Inspection	E2 & CW 2145		30.0				
a)	750mm							
	Pre-lining Inspection Post Lining Inspection		m m	90.6 90.6				
	Warranty Inspection		m	90.6 90.6				
, ВҮ. 3		CW 2140						
а) а	Solid Debris Cutting At Joints and Services	CVV 2140	each	2				
u)			Cuon	2				
BY. 4	Remove Intruding Sewer Services	E2	each	1				
BY. 5	Flow Control	E2	each	1				
BY. 6	Full Segment CIPP	E2						
a)	750mm		m	90.6				
BY. 7	Reinstatement of Sewer Services	E2	each	19				
					Subtotal:			

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
3Z	Powers St (Asset No. MA00013			QUANTIT	TRIOL	
	Pritchard Av (Asset No. MH000	-				
	Selkirk Av (Asset No. MH0001	1713)				
	1		1			
BZ. 1	Sewer Cleaning	E2 & CW 2140				
a)	750mm	011 21 10				
,	i) Pre-lining Cleaning		m	90.5		
	i) Warranty Cleaning		m	90.5		
		E2 &		00.0		
BZ. 2	Sewer Inspection	CW 2145				
a)	750mm					
i	i) Pre-lining Inspection		m	90.5		
i	i) Post Lining Inspection		m	90.5		
ii	i) Warranty Inspection		m	90.5		
BZ. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services	011 21 10	each	4		
u)			ouon	4		
BZ. 4	Flow Control	E2	each	1		
BZ. 5	Full Segment CIPP	E2				
a)	750mm		m	90.5		
			1			
					Subtotal:	
<u>&gt;A</u>	Ruttan By (W Leg) (Asset No. I	-				
	at Ruttan By (Asset No. MH600 of Oakenwald (Asset No. MH60	•				
	of Oakenwald (Asset No. Willow	JU 1 JZ 4 J)				
		E2 &	I			
CA. 1	Sewer Cleaning	CW 2140				
a)	200mm					
i	i) Pre-lining Cleaning		m	98.0		
i	i) Warranty Cleaning		m	98.0		
•••		E2 &				
CA. 2	Sewer Inspection	CW 2145				
a)	200mm					
	i) Pre-lining Inspection		m	98.0		
	i) Post Lining Inspection		m	98.0		
ii	i) Warranty Inspection	1	m	98.0		

#### 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT			
CA. 3	Solid Debris Cutting	CW 2140							
a)	First 3 metres		each	1					
b)	At Joints and Services		each	4					
CA. 4	Remove Intruding Sewer Services	E2	each	6					
CA. 5	Flow Control	E2	each	1					
CA. 6	Full Segment CIPP	E2							
a)	200mm		m	98.0					
CA. 7	Reinstatement of Sewer Services	E2	each	11					
	Subtotal:								
	MH S of Oakenwald (Asset No. MH600 MH at Oakenwald (Asset No. MH60015	5229)							
CB. 1	Sewer Cleaning	E2 & CW 2140							
a)	250mm								
-	Pre-lining Cleaning		m	100.5					
ii)	Warranty Cleaning	F0.9	m	100.5					
CB. 2 a)	Sewer Inspection 250mm	E2 & CW 2145							
,	Pre-lining Inspection		m	100.5					
	Post Lining Inspection		m	100.5					
ı i)	r ost Linnig inspection								
	Warranty Inspection		m	100.5					
		E2	m each	100.5 1					
iii)	Warranty Inspection	E2 E2							
iii) CB. 3	Warranty Inspection								
iii) CB. 3 CB. 4	Warranty Inspection Flow Control Full Segment CIPP		each	1					

# FORM B: PRICES

# (SEE B9)

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT	AMOUNT
		REF.	UNIT	QUANTITY	PRICE	
<u>2C</u>	Sherburn St (Asset No. MA20014956 Westminster Av (Asset No. MH20013 MH S of Westminster Av (Asset No. I	504) to 1st				
CC. 1	Sewer Cleaning	E2 & CW 2140				
a)	300mm	0112140				
,	Pre-lining Cleaning		m	78.2		
,	Warranty Cleaning		m	78.2		
		E2 &		_		
CC. 2	Sewer Inspection	CW 2145				
a)	300mm					
	Pre-lining Inspection		m	78.2		
,	Post Lining Inspection		m	78.2		
III)	Warranty Inspection		m	78.2		
CC. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	6		
CC. 4	Flow Control	E2	each	1		
CC. 5	Full Segment CIPP	E2				
a)	300mm		m	78.2		
				70.2		
CC. 6	Reinstatement of Sewer Services	E2	each	15		
					Subtotal:	
<u>CD</u>	Sherburn St (Asset No. MA20013732 Palmerston Av (Asset No. MH200124 N of Palmerston Av (Asset No. MH20	42) to 1st MH 012452)			Cubician	
CD. 1	Sewer Cleaning	E2 & CW 2140				
a)	300mm					
,	Pre-lining Cleaning		m	83.5		
	Warranty Cleaning		m	83.5		
		E2 &		-		
CD. 2	Sewer Inspection	CW 2145				
a)	300mm					
	Pre-lining Inspection		m	83.5		
	Post Lining Inspection		m	83.5		
iii)	Warranty Inspection		m	83.5		

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
CD. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	9		
CD. 4	Remove Intruding Sewer Services	E2	each	2		
CD. 5	Flow Control	E2	each	1		
CD. 6	Full Segment CIPP	E2				
a)	300mm		m	83.5		
CD. 7	Reinstatement of Sewer Services	E2	each	14		
					Subtotal:	
<u>CE</u>	Sherburn St (Asset No. MA70021946) Palmerston Av (Asset No. MH2001245 N of Palmerston Av (Asset No. MH700	2) to 2nd MH				
		E2 &				
CE. 1	Sewer Cleaning	CW 2140				
a)	300mm					
	Pre-lining Cleaning		m	32.3		
11)	Warranty Cleaning	E2 &	m	32.3		
CE. 2 a)	Sewer Inspection 300mm	CW 2145				
,	Pre-lining Inspection		m	32.3		
,	Post Lining Inspection		m	32.3		
iii)	Warranty Inspection		m	32.3		
CE. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	1		
CE. 4	Flow Control	E2	each	1		
CE. 5	Full Segment CIPP	E2				
a)	300mm		m	32.3		
CE. 6	Reinstatement of Sewer Services	E2	each	6		
					Subtotal:	

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

		SPEC.		APPROX.	UNIT	
ITEM	DESCRIPTION	REF.	UNIT	QUANTITY	PRICE	AMOUNT
<u>CF</u>	Sherburn St (Asset No. MA20017759) of Notre Dame Av (Asset No. MH2001 MH S of Notre Dame Av (Asset No. MH	- 2nd MH S 5886) to 1st				
	Couver Classing	E2 &				
CF. 1	Sewer Cleaning	CW 2140				
a)	375mm					
,	Pre-lining Cleaning		m	82.8		
11)	Warranty Cleaning	E2 &	m	82.8		
CF. 2	Sewer Inspection	CW 2145				
a)	375mm					
i)	Pre-lining Inspection		m	82.8		
ii)	Post Lining Inspection		m	82.8		
iii)	Warranty Inspection		m	82.8		
CF. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	1		
CF. 4	Remove Intruding Sewer Services	E2	each	1		
CF. 5	Flow Control	E2	each	1		
CF. 6	Full Segment CIPP	E2				
a)	375mm		m	82.8		
CF. 7	Reinstatement of Sewer Services	E2	each	8		
					Subtotal:	
<u>CG</u>	Simcoe St (Asset No. MA20017456) - M St (Asset No. MH20015666) to 1st MH St (Asset No. MH20015679)					
		E2 &				
CG. 1	Sewer Cleaning	CW 2140				
a) 	600mm					
	Pre-lining Cleaning		m	13.6		
li)	Warranty Cleaning		m	13.6		

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT	AMOUNT
		REF.	0.111	QUANTITY	PRICE	
CG. 2	Sewer Inspection	E2 & CW 2145				
a)	600mm					
i)	Pre-lining Inspection		m	13.6		
	Post Lining Inspection		m	13.6		
iii)	Warranty Inspection		m	13.6		
CG. 3	Flow Control	E2	each	1		
CG. 4	Full Segment CIPP	E2				
a)	600mm		m	13.6		
CG. 5	Reinstatement of Sewer Services	E2	each	23		
					Subtotal:	
<u>CH</u>	Simcoe St (Asset No. MA70027223) - 3					
	St. Matthews Av (Asset No. MH200139	983) to				
	Portage Av (Asset No. TE70012453)					
						[
CH. 1	Sewer Cleaning	E2 & CW 2140				
a)	750mm					
,	Pre-lining Cleaning		m	104.0		
	Warranty Cleaning		m	104.0		
		E2 &				
CH. 2	Sewer Inspection	CW 2145				
a)	750mm					
	Pre-lining Inspection		m	104.0		
	Post Lining Inspection		m	104.0		
iii)	Warranty Inspection		m	104.0		
CH. 3	Solid Debris Cutting	CW 2140				
a)	First 3 metres		each	1		
b)	At Joints and Services		each	8		
CH. 4	Flow Control	E2	each	1		
CH. 5	Full Segment CIPP	E2				
a)	750mm		m	104.0		
	Reinstatement of Sewer Services	E2	each	14		
CH. 6	Reinstatement of Sewer Services	66	ouon			

#### (322 03)

	ICES					
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
CI	Simcoe St (Asset No. MA20015499) - N		-			
	Matthews Av (Asset No. MH20015399)					
	of St. Matthews Av (Asset No. MH2001	13987)				
CI. 1	Sewer Cleaning	E2 & CW 2140				
	750mm	CVV 2140				
a)				400 7		
	Pre-lining Cleaning		m	100.7		
")	Warranty Cleaning	E2 &	m	100.7		
CI. 2	Sewer Inspection	CW 2145				
a)	750mm	011 2110				
i)	Pre-lining Inspection		m	100.7		
ii)	Post Lining Inspection		m	100.7		
iii)	Warranty Inspection		m	100.7		
		0.000				
CI. 3	Solid Debris Cutting	CW 2140				
a)	First 3 metres		each	1		
b)	At Joints and Services		each	1		
CI. 4	Flow Control	E2	each	1		
CI. 5	Full Segment CIPP	E2				
a)	750mm		m	100.7		
α,				100.7		
CI. 6	Reinstatement of Sewer Services	E2	each	24		
					• • • • •	
	Simono St (Accost No. MA20017420) 1				Subtotal:	
<u>CJ</u>	Simcoe St (Asset No. MA20017439) - 1 Ellice Av (Asset No. MH20015673) to 2					
	Ellice AV (Asset No. MH20015648)					
	· · · · · · · · · · · · · · · · · · ·					
		E2 &				
CJ. 1	Sewer Cleaning	CW 2140				
a)	750mm					
	Pre-lining Cleaning		m	90.8		
ii)	Warranty Cleaning		m	90.8		

### 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
CJ. 2 a)	Sewer Inspection 750mm	E2 & CW 2145				
,	Pre-lining Inspection		m	90.8		
	Post Lining Inspection		m	90.8		
	Warranty Inspection		m	90.8		
CJ. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services	011 2140	each	1		
α,			ouon	I		
CJ. 4	Flow Control	E2	each	1		
CJ. 5	Full Segment CIPP	E2				
a)	750mm		m	90.8		
CJ. 6	Reinstatement of Sewer Services	E2	each	21		
					Subtotal:	
<u>ск</u>	Simcoe St (Asset No. MA20017467) - M	/H at Ellice				
<u>ск</u>	Av (Asset No. MH20015679) to 1st MH					
<u>ск</u>	· · · · · · · · · · · · · · · · · · ·					
<u>ск</u>	Av (Asset No. MH20015679) to 1st MH	S of Ellice				
<u>СК</u> СК. 1	Av (Asset No. MH20015679) to 1st MH					
	Av (Asset No. MH20015679) to 1st MH Av (Asset No. MH20015673)	S of Ellice				
CK. 1 a)	Av (Asset No. MH20015679) to 1st MH Av (Asset No. MH20015673) Sewer Cleaning	S of Ellice	m	75.2		
CK. 1 a) i)	Av (Asset No. MH20015679) to 1st MH Av (Asset No. MH20015673) Sewer Cleaning 750mm	S of Ellice E2 & CW 2140	m m	75.2 75.2		
СК. 1 а) і)	Av (Asset No. MH20015679) to 1st MH Av (Asset No. MH20015673) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning	E2 & CW 2140				
СК. 1 а) і) іі) СК. 2	Av (Asset No. MH20015679) to 1st MH Av (Asset No. MH20015673) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	S of Ellice E2 & CW 2140				
CK. 1 a) i) ii) CK. 2 a)	Av (Asset No. MH20015679) to 1st MH Av (Asset No. MH20015673) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm	E2 & CW 2140	m	75.2		
CK. 1 a) i) ii) CK. 2 a) i)	Av (Asset No. MH20015679) to 1st MH Av (Asset No. MH20015673) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 & CW 2140		75.2 75.2		
CK. 1 a) ii) ii) CK. 2 a) i) ii)	Av (Asset No. MH20015679) to 1st MH Av (Asset No. MH20015673) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection	E2 & CW 2140	m m	75.2		
CK. 1 a) ii) ii) CK. 2 a) i) ii)	Av (Asset No. MH20015679) to 1st MH Av (Asset No. MH20015673) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m m m	75.2 75.2 75.2		
CK. 1 a) ii) ii) CK. 2 a) i) ii) iii)	Av (Asset No. MH20015679) to 1st MH Av (Asset No. MH20015673) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2140 E2 & CW 2145	m m m	75.2 75.2 75.2		
CK. 1 a) ii) ii) CK. 2 a) ii) iii) iii)	Av (Asset No. MH20015679) to 1st MH Av (Asset No. MH20015673) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting	E2 & CW 2140 E2 & CW 2145	m m m	75.2 75.2 75.2 75.2		
CK. 1 a) ii) ii) CK. 2 a) ii) iii) iii) CK. 3 a)	Av (Asset No. MH20015679) to 1st MH Av (Asset No. MH20015673) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting First 3 metres	E2 & CW 2140 E2 & CW 2145	m m m each	75.2 75.2 75.2 75.2 1		
CK. 1 a) ii) ii) CK. 2 a) ii) iii) iii) CK. 3 a) b)	Av (Asset No. MH20015679) to 1st MH Av (Asset No. MH20015673) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Warranty Inspection Solid Debris Cutting First 3 metres At Joints and Services	S of Ellice E2 & CW 2140 E2 & CW 2145 CW 2145	m m m each each	75.2 75.2 75.2 75.2 1 3		

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

i)	Pre-lining Cleaning			100.2		
,			m	100.2		
CM. 1 a)	Sewer Cleaning 750mm	CW 2140				
		E2 &				
	MH S of St. Matthews Av (Asset No. MH200139	•				
<u>CM</u>	Simcoe St (Asset No. MA20015506) - 1 St. Matthews Av (Asset No. MH200139					
	0. 0.4. (1. 1. 1. 0. 1. 1. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.				Subtotal:	
CL. 6	Reinstatement of Sewer Services	E2	each	30		
a)	750mm		m	100.4		
CL. 5	Full Segment CIPP	E2				
CL. 4	Flow Control	E2	each	1		
a)	At Joints and Services		each	2		
CL. 3	Solid Debris Cutting	CW 2140				
iii)	Warranty Inspection		m	100.4		
	Post Lining Inspection		m	100.4		
,	Pre-lining Inspection		m	100.4		
CL. 2 a)	Sewer Inspection 750mm	CW 2145				
,	, ,	E2 &				
	Warranty Cleaning		m m	100.4 100.4		
a) i)	750mm Pre-lining Cleaning		m	100.4		
CL. 1	Sewer Cleaning	CW 2140				
		E2 &				

### 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
		E2 &				
CM. 2	Sewer Inspection	CW 2145				
a)	750mm					
i)	Pre-lining Inspection		m	100.2		
ii)	Post Lining Inspection		m	100.2		
iii)	Warranty Inspection		m	100.2		
CM. 3	Solid Debris Cutting	CW 2140				
a)	First 3 metres		each	1		
b)	At Joints and Services		each	1		
CM. 4	Remove Intruding Sewer Services	E2	each	2		
CM. 5	Flow Control	E2	each	1		
СМ. 6	Full Segment CIPP	E2				
a)	750mm		m	100.2		
		50	ooob	26		
CM. 7	Reinstatement of Sewer Services	E2	each	20		
CM. 7	Reinstatement of Sewer Services	E2	each	20	Subtotal:	
СМ. 7 <u>СN</u>	Simcoe St (Asset No. MA20017315) - 2	2nd MH S of	each	20	Subtotal:	
		2nd MH S of	each	20	Subtotal:	
	Simcoe St (Asset No. MA20017315) - 2 Ellice Av (Asset No. MH20015648) to 3	2nd MH S of ard MH S of		20	Subtotal:	
	Simcoe St (Asset No. MA20017315) - 2 Ellice Av (Asset No. MH20015648) to 3	2nd MH S of ard MH S of E2 &		20	Subtotal:	
<u>CN</u>	Simcoe St (Asset No. MA20017315) - 2 Ellice Av (Asset No. MH20015648) to 3 Ellice Av (Asset No. MH20015537)	2nd MH S of ard MH S of		20	Subtotal:	
<u>CN</u> CN. 1 a)	Simcoe St (Asset No. MA20017315) - 2 Ellice Av (Asset No. MH20015648) to 3 Ellice Av (Asset No. MH20015537) Sewer Cleaning 750mm	2nd MH S of ard MH S of E2 &	m		Subtotal:	
<u>CN</u> CN. 1 a) i)	Simcoe St (Asset No. MA20017315) - 2 Ellice Av (Asset No. MH20015648) to 3 Ellice Av (Asset No. MH20015537) Sewer Cleaning 750mm Pre-lining Cleaning	2nd MH S of ard MH S of E2 &		89.8	Subtotal:	
<u>CN</u> CN. 1 a) i)	Simcoe St (Asset No. MA20017315) - 2 Ellice Av (Asset No. MH20015648) to 3 Ellice Av (Asset No. MH20015537) Sewer Cleaning 750mm	2nd MH S of ard MH S of E2 &	m		Subtotal:	
<u>CN</u> CN. 1 a) i)	Simcoe St (Asset No. MA20017315) - 2 Ellice Av (Asset No. MH20015648) to 3 Ellice Av (Asset No. MH20015537) Sewer Cleaning 750mm Pre-lining Cleaning	End MH S of Brd MH S of E2 & CW 2140	m	89.8	Subtotal:	
<u>СN</u> СN. 1 а) і)	Simcoe St (Asset No. MA20017315) - 2 Ellice Av (Asset No. MH20015648) to 3 Ellice Av (Asset No. MH20015537) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning	End MH S of and MH S of E2 & CW 2140 E2 &	m	89.8	Subtotal:	
CN. 1 a) ii) CN. 2 a)	Simcoe St (Asset No. MA20017315) - 2 Ellice Av (Asset No. MH20015648) to 3 Ellice Av (Asset No. MH20015537) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	End MH S of and MH S of E2 & CW 2140 E2 &	m	89.8	Subtotal:	
CN. 1 CN. 1 i) ii) CN. 2 a) ii) ii)	Simcoe St (Asset No. MA20017315) - 2 Ellice Av (Asset No. MH20015648) to 3 Ellice Av (Asset No. MH20015537) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection Post Lining Inspection	End MH S of and MH S of E2 & CW 2140 E2 &	m m	89.8 89.8	Subtotal:	
CN. 1 CN. 1 i) ii) CN. 2 a) ii) ii)	Simcoe St (Asset No. MA20017315) - 2 Ellice Av (Asset No. MH20015648) to 3 Ellice Av (Asset No. MH20015537) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection	End MH S of and MH S of E2 & CW 2140 E2 &	m m m	89.8 89.8 89.8	Subtotal:	
CN. 1 CN. 1 i) ii) CN. 2 a) ii) ii)	Simcoe St (Asset No. MA20017315) - 2 Ellice Av (Asset No. MH20015648) to 3 Ellice Av (Asset No. MH20015537) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection Post Lining Inspection	End MH S of and MH S of E2 & CW 2140 E2 &	m m m	89.8 89.8 89.8 89.8 89.8	Subtotal:	
CN. 1 a) ii) ii) CN. 2 a) ii) iii) iii)	Simcoe St (Asset No. MA20017315) - 2 Ellice Av (Asset No. MH20015648) to 3 Ellice Av (Asset No. MH20015537) Sewer Cleaning 750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	End MH S of Brd MH S of E2 & CW 2140 E2 & CW 2145	m m m	89.8 89.8 89.8 89.8 89.8	Subtotal:	

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

UNIT PR		•				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
CN. 5	Full Segment CIPP	E2				
a)	750mm		m	89.8		
CN. 6	Reinstatement of Sewer Services	E2	each	24		
					Subtotal:	
<u>co</u>	Simcoe St (Asset No. MA20017156) - 1 St. Matthews Av (Asset No. MH200155 St. Matthews Av (Asset No. MH200153	37) to MH at				
		E2 &				
CO. 1	Sewer Cleaning	CW 2140				
a)	750mm					
,	Pre-lining Cleaning		m	89.2		
	Warranty Cleaning		m	89.2		
,		E2 &		00.2		
CO. 2	Sewer Inspection	CW 2145				
a)	750mm					
, i	Pre-lining Inspection		m	89.2		
	Post Lining Inspection		m	89.2		
	Warranty Inspection		m	89.2		
,				03.2		
CO. 3	Remove Intruding Sewer Services	E2	each	1		
CO. 4	Flow Control	E2	each	1		
CO. 5	Full Segment CIPP	E2				
a)	750mm		m	89.2		
CO. 6	Reinstatement of Sewer Services	E2	each	23		
					Subtotal:	
<u>СР</u>	Simcoe St (Asset No. MA20017909) - Wellington Av (Asset No. MH20016111 S of Wellington Av (Asset No. MH2001	) to 1st MH				
	Γ					
CP. 1	Sewer Cleaning	E2 & CW 2140				
	750mm	CVV 2140				
a) .`.						
	Pre-lining Cleaning		m	95.1		
ii)	Warranty Cleaning		m	95.1		

### 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

L	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
CP. 2 a)	Sewer Inspection 750mm	E2 & CW 2145				
	Pre-lining Inspection		m	95.1		
	Post Lining Inspection		m	95.1		
iii)	Warranty Inspection		m	95.1		
CP. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	1		
CP. 4	Remove Intruding Sewer Services	E2	each	3		
CP. 5	Flow Control	E2	each	1		
CP. 6	Full Segment CIPP	E2				
a)	750mm		m	95.1		
CP. 7	Reinstatement of Sewer Services	E2	each	22		
					Subtotal:	
CQ	Spence St (Asset No. MA70040498) -	2nd MH N of				
	• • • • •					
	Balmoral St (Asset No. MH70016155) of Balmoral St (Asset No. MH2001325)	to 3rd MH N				
	Balmoral St (Asset No. MH70016155) to of Balmoral St (Asset No. MH2001325)	to 3rd MH N				
CQ. 1	Balmoral St (Asset No. MH70016155) to of Balmoral St (Asset No. MH20013252 Sewer Cleaning	to 3rd MH N 2)				
CQ. 1 a)	Balmoral St (Asset No. MH70016155) to of Balmoral St (Asset No. MH2001325) Sewer Cleaning 300mm	E2 &				
CQ. 1 a) i)	Balmoral St (Asset No. MH70016155) f of Balmoral St (Asset No. MH20013252 Sewer Cleaning 300mm Pre-lining Cleaning	E2 &	m	14.0		
CQ. 1 a) i)	Balmoral St (Asset No. MH70016155) to of Balmoral St (Asset No. MH2001325) Sewer Cleaning 300mm	E2 & CW 2140	m m	14.0 14.0		
CQ. 1 a) i)	Balmoral St (Asset No. MH70016155) f of Balmoral St (Asset No. MH20013252 Sewer Cleaning 300mm Pre-lining Cleaning	E2 &				
CQ. 1 a) i) i) CQ. 2	Balmoral St (Asset No. MH70016155) f of Balmoral St (Asset No. MH2001325 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning	E2 & CW 2140				
CQ. 1 a) i) i) CQ. 2 a)	Balmoral St (Asset No. MH70016155) to of Balmoral St (Asset No. MH20013252 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 & CW 2140				
CQ. 1 i) ii) CQ. 2 a) ii) ii)	Balmoral St (Asset No. MH70016155) to of Balmoral St (Asset No. MH20013253 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m	14.0		
CQ. 1 i) ii) CQ. 2 a) ii) ii)	Balmoral St (Asset No. MH70016155) to of Balmoral St (Asset No. MH20013252 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection	E2 & CW 2140	m m	14.0 14.0		
CQ. 1 i) ii) CQ. 2 a) ii) ii)	Balmoral St (Asset No. MH70016155) to of Balmoral St (Asset No. MH20013253 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m m m	14.0 14.0 14.0		
CQ. 1 a) i) i) cQ. 2 a) i) i) ii)	Balmoral St (Asset No. MH70016155) to of Balmoral St (Asset No. MH20013253 Sewer Cleaning 300mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 300mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2140 E2 & CW 2140 E2 & CW 2145	m m m	14.0 14.0 14.0 14.0		

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

		SPEC.	1	APPROX.	UNIT	
ITEM	DESCRIPTION	REF.	UNIT	QUANTITY	PRICE	AMOUNT
				QUANTITI	TRIOL	
CQ. 5	Reinstatement of Sewer Services	E2	each	2		
		-	-	-		
					Subtotal:	
<u>CR</u>	Spence St (Asset No. MA20014674) -					
	Balmoral St (Asset No. MH20013252) of Balmoral St (Asset No. MH2001326					
		5)				
		E2 &				
CR. 1	Sewer Cleaning	CW 2140				
a)	375mm					
i)	Pre-lining Cleaning		m	77.8		
	Warranty Cleaning		m	77.8		
,		E2 &				
CR. 2	Sewer Inspection	CW 2145				
a)	375mm					
i)	Pre-lining Inspection		m	77.8		
ii)	Post Lining Inspection		m	77.8		
iii)	Warranty Inspection		m	77.8		
CR. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services	011 2140	each			
a)	At Johns and Services		each	2		
CR. 4	Flow Control	E2	each	1		
CR. 5	Full Segment CIPP	E2				
a)	375mm		m	77.8		
CR. 6	Reinstatement of Sewer Services	E2	each	14		
011.0			Cach	1 17		
L					Subtotal:	
<u>CS</u>	Spence St (Asset No. MA20014679) -					
	Balmoral St (Asset No. MH20013265)					
	of Balmoral St (Asset No. MH2001325	3)				
			1	,		
CS. 1	Sewer Cleaning	E2 & CW 2140				
a)	375mm					
,	Pre-lining Cleaning		m	78.1		
	Warranty Cleaning		m	78.1		
11)			- 111	10.1		

### 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
CS. 2 a)	Sewer Inspection 375mm	E2 & CW 2145				
,	Pre-lining Inspection		m	78.1		
· ·	Post Lining Inspection		m	78.1		
· ·	Warranty Inspection		m	78.1		
CS. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	1		
CS. 4	Flow Control	E2	each	1		
CS. 5	Full Segment CIPP	E2				
a)	375mm		m	78.1		
CS. 6	Reinstatement of Sewer Services	E2	each	12		
					Subtotal:	
<u>ст</u>	Spence St (Asset No. MA20014675) - 5 Balmoral St (Asset No. MH20013253) f	o MH at				
<u>СТ</u>	• • • • •	o MH at )				
<u>СТ</u> СТ. 1	Balmoral St (Asset No. MH20013253) ( Broadway Av (Asset No. MH20013326) Sewer Cleaning	o MH at				
CT. 1 a)	Balmoral St (Asset No. MH20013253) f Broadway Av (Asset No. MH20013326 Sewer Cleaning 375mm	E2 &				
CT. 1 a) i)	Balmoral St (Asset No. MH20013253) f Broadway Av (Asset No. MH20013326 Sewer Cleaning 375mm Pre-lining Cleaning	E2 &	m	78.3		
CT. 1 a) i)	Balmoral St (Asset No. MH20013253) f Broadway Av (Asset No. MH20013326 Sewer Cleaning 375mm	E2 & CW 2140	m m	78.3 78.3		
CT. 1 a) i) ii) CT. 2	Balmoral St (Asset No. MH20013253) f Broadway Av (Asset No. MH20013326) Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 &				
CT. 1 a) i) ii) CT. 2 a)	Balmoral St (Asset No. MH20013253) f Broadway Av (Asset No. MH20013326 Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm	E2 & CW 2140	m	78.3		
CT. 1 a) i) ii) CT. 2 a) i)	Balmoral St (Asset No. MH20013253) f Broadway Av (Asset No. MH20013326) Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 & CW 2140				
CT. 1 a) ii) ii) CT. 2 a) i) ii)	Balmoral St (Asset No. MH20013253) f Broadway Av (Asset No. MH20013326) Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection	E2 & CW 2140	m m	78.3 78.3		
CT. 1 a) ii) ii) CT. 2 a) i) ii)	Balmoral St (Asset No. MH20013253) ( Broadway Av (Asset No. MH20013326) Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m m m	78.3 78.3 78.3		
CT. 1 a) i) ii) CT. 2 a) i) ii) iii)	Balmoral St (Asset No. MH20013253) f Broadway Av (Asset No. MH20013326) Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2140 E2 & CW 2145	m m m	78.3 78.3 78.3		
CT. 1 a) ii) ii) CT. 2 a) ii) iii) iii) CT. 3	Balmoral St (Asset No. MH20013253) f Broadway Av (Asset No. MH20013326) Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting	E2 & CW 2140 E2 & CW 2145	m m m	78.3 78.3 78.3 78.3		
CT. 1 a) i) ii) CT. 2 a) ii) iii) CT. 3 a)	Balmoral St (Asset No. MH20013253) f Broadway Av (Asset No. MH20013253) f Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Warranty Inspection Solid Debris Cutting At Joints and Services	E2 & CW 2140 E2 & CW 2145 CW 2145	m m m each	78.3 78.3 78.3 78.3 8		
CT. 1 a) i) ii) CT. 2 a) ii) iii) CT. 3 a) CT. 4	Balmoral St (Asset No. MH20013253) is Broadway Av (Asset No. MH20013253) is Sewer Cleaning 375mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 375mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Warranty Inspection Solid Debris Cutting At Joints and Services Remove Intruding Sewer Services	E2 & CW 2140 E2 & CW 2145 CW 2145 CW 2145	m m m each each	78.3 78.3 78.3 78.3 8 2		

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY	PRICE	
CT. 7	Reinstatement of Sewer Services	E2	each	9		
					Subtotal:	
CU	Spence St (Asset No. MA20014576) -	1st MH N of			oubtotal.	
	Balmoral St (Asset No. MH20013162)	to 2nd MH N				
	of Balmoral(Asset No. MH70016157)					
		E2 &				
CU. 1	Sewer Cleaning	CW 2140				
a)	300mm					
	Pre-lining Cleaning		m	64.1		
ii)	Warranty Cleaning		m	64.1		
CU. 2	Sower Increation	E2 &				
	Sewer Inspection 300mm	CW 2145				
a)			-	04.4		
	Pre-lining Inspection Post Lining Inspection		m m	64.1 64.1		
	Warranty Inspection		m	64.1 64.1		
,				04.1		
CU. 3	Solid Debris Cutting	CW 2140				
a)	First 3 metres		each	1		
b)	At Joints and Services		each	3		
CU. 4	Remove Intruding Sewer Services	E2	each	5		
CU. 5	Flow Control	E2	each	1		
CU. 6	Full Segment CIPP	E2				
a)	300mm		m	64.1		
CU. 7	Reinstatement of Sewer Services	E2	each	9		
					Subtotal:	
CV	Sprague St (Asset No. MA20010922) -					
	Portage Av (Asset No. MH20009964)	to 1st MH S of				
	Portage Av (Asset No. MH20010014)					
CV. 1	Sewer Cleaning	E2 &				
	300mm	CW 2140				
a)			~	110.4		
	Pre-lining Cleaning		m	119.1		
II)	Warranty Cleaning		m	119.1		

### 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
CV. 2 a)	Sewer Inspection 300mm	E2 & CW 2145				
,	Pre-lining Inspection		m	119.1		
	Post Lining Inspection		m	119.1		
	Warranty Inspection		m	119.1		
CV. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services	011 2110	each	3		
,				5		
CV. 4	Flow Control	E2	each	1		
CV. 5	Full Segment CIPP	E2				
a)	300mm		m	119.1		
CV. 6	Reinstatement of Sewer Services	E2	each	26		
					Subtotal:	
<u>cw</u>	Toronto St (Asset No. MA20017626) - 2					
<u>cw</u>	Toronto St (Asset No. MA20017626) - 2 Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816	o 1st MH N				
<u>cw</u>	Sargent Av (Asset No. MH20015810) to	o 1st MH N )				Γ
<u>CW</u> CW. 1	Sargent Av (Asset No. MH20015810) to	o 1st MH N				
	Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816	E2 &				
CW. 1 a)	Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816 Sewer Cleaning	E2 &	m	80.4		
CW. 1 a) i)	Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816 Sewer Cleaning 450mm	E2 & CW 2140	m m	80.4 80.4		
CW. 1 a) i)	Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816 Sewer Cleaning 450mm Pre-lining Cleaning Warranty Cleaning	E2 & CW 2140				
CW. 1 a) i) ii) CW. 2	Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816 Sewer Cleaning 450mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 & CW 2140				
CW. 1 a) i) ii) CW. 2 a)	Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816 Sewer Cleaning 450mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 450mm	E2 & CW 2140	m	80.4		
CW. 1 a) i) ii) CW. 2 a) i)	Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816 Sewer Cleaning 450mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 & CW 2140				
CW. 1 a) ii) cW. 2 a) ii) ii)	Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816 Sewer Cleaning 450mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 450mm Pre-lining Inspection	E2 & CW 2140	m m	80.4 80.4		
CW. 1 i) ii) CW. 2 a) ii) iii)	Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816 Sewer Cleaning 450mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 450mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2140 E2 & CW 2145	m m m	80.4 80.4 80.4		
CW. 1 a) ii) cW. 2 a) ii) ii)	Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816 Sewer Cleaning 450mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 450mm Pre-lining Inspection Post Lining Inspection	E2 & CW 2140	m m m	80.4 80.4 80.4		
CW. 1 a) i) ii) CW. 2 a) ii) ii) iii) CW. 3	Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816 Sewer Cleaning 450mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 450mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting	E2 & CW 2140 E2 & CW 2145	m m m	80.4 80.4 80.4 80.4		
CW. 1 i) ii) CW. 2 a) ii) iii) CW. 3 a)	Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816 Sewer Cleaning 450mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 450mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Solid Debris Cutting First 3 metres	E2 & CW 2140 E2 & CW 2145 CW 2145	m m m each	80.4 80.4 80.4 80.4		
CW. 1 a) i) ii) CW. 2 a) ii) iii) CW. 3 a) CW. 4	Sargent Av (Asset No. MH20015810) to of Sargent Av (Asset No. MH20015816 Sewer Cleaning 450mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 450mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Warranty Inspection Solid Debris Cutting First 3 metres Additional Solid Debris Cutting	E2 & CW 2140 E2 & CW 2145 CW 2145 CW 2145 CW 2140 E2	m m m each m	80.4 80.4 80.4 1 2.5		

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

UNIT PR		SPEC.	1	APPROX.	UNIT	[
ITEM	DESCRIPTION	REF.	UNIT	QUANTITY	PRICE	AMOUNT
CW. 7	Reinstatement of Sewer Services	E2	each	14		
		-			Subtotal:	
CX	Wardlaw Av (Asset No. MA60018415)	- MH at Daly			Custolan	
	St (Asset No. MH60013632) to 1st MH	E of Daly St				
	(Asset No. MH60013633)					
		E2 &				
CX. 1	Sewer Cleaning	CW 2140				
a)	300mm					
	Pre-lining Cleaning		m	77.7		
ii)	Warranty Cleaning		m	77.7		
CX. 2	Sower Increation	E2 & CW 2145				
ол. 2 а)	Sewer Inspection 300mm	CVV 2145				
,				77 7		
	Pre-lining Inspection Post Lining Inspection		m	77.7 77.7		
	Warranty Inspection		m	77.7		
III <i>)</i>			m	11.1		
CX. 3	Flow Control	E2	each	1		
CX. 4	Full Segment CIPP	E2				
a)	300mm		m	77.7		
CX. 5	Reinstatement of Sewer Services	E2	each	9		
					Subtotal:	
CY	Wardlaw Av (Asset No. MA60020147)	- 2nd MH E			oubtotal.	
	of Osborne St (Asset No. MH60017458					
	E of Osborne St (Asset No. MH600174	59)				
		E2 &	<u> </u>			
CY. 1	Sewer Cleaning	CW 2140				
a)	300mm					
i)	Pre-lining Cleaning		m	48.9		
	Warranty Cleaning		m	48.9		
		E2 &				
CY. 2	Sewer Inspection	CW 2145				
a)	300mm					
	Pre-lining Inspection		m	48.9		
	Post Lining Inspection		m	48.9		
iii)	Warranty Inspection		m	48.9		

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
CY. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	3		
CY. 4	Remove Intruding Sewer Services	E2	each	1		
CY. 5	Flow Control	E2	each	1		
CY. 6	Full Segment CIPP	E2				
a)	300mm		m	48.9		
CY. 7	Reinstatement of Sewer Services	E2	each	10		
					Subtotal:	
<u>CZ</u>	Westminster Av (Asset No. MA200150	,				
	Ethelberth St (EPL) (Asset No. MH200 at Canora St (Asset No. MH20013811)	•				
		E2 &				
		0141 04 40				
CZ. 1	Sewer Cleaning	CW 2140				
a)	750mm	CVV 2140				
a) i)	750mm Pre-lining Cleaning	CW 2140	m	82.0		
a) i)	750mm		m m	82.0 82.0		
a) i) ii)	750mm Pre-lining Cleaning Warranty Cleaning	E2 &				
a) i) ii) CZ. 2	750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection					
a) i) ii) CZ. 2 a)	750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm	E2 &		82.0		
a) i) ii) CZ. 2 a) i)	750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection	E2 &	m	82.0 82.0		
a) i) ii) CZ. 2 a) i) ii)	750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection	E2 &	m m	82.0		
a) i) ii) CZ. 2 a) i) ii)	750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection Post Lining Inspection	E2 &	m m m	82.0 82.0 82.0		
a) i) ii) CZ. 2 a) i) ii) iii)	750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection Post Lining Inspection Warranty Inspection	E2 & CW 2145	m m m	82.0 82.0 82.0 82.0		
a) i) ii) CZ. 2 a) ii) iii) CZ. 3	750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Remove Intruding Sewer Services	E2 & CW 2145 E2	m m m each	82.0 82.0 82.0 82.0 1		
a) i) ii) CZ. 2 a) i) ii) iii) CZ. 3 CZ. 4	750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Remove Intruding Sewer Services Flow Control	E2 & CW 2145 E2 E2	m m m each	82.0 82.0 82.0 82.0 1		
a) i) ii) CZ. 2 a) ii) iii) iii) CZ. 3 CZ. 4 CZ. 5	750mm Pre-lining Cleaning Warranty Cleaning Sewer Inspection 750mm Pre-lining Inspection Post Lining Inspection Warranty Inspection Remove Intruding Sewer Services Flow Control Full Segment CIPP	E2 & CW 2145 E2 E2	m m m each each	82.0 82.0 82.0 1 1		

UNIT	PRICES

UNIT PR						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>DA</u>	William Av W (Asset No. MA20012250) of Keewatin St (Asset No. MH2001117 W of Keewatin St (Asset No. MH20011	) - 1st MH W 2) to 2nd MH	I			
		E2 &				
DA. 1	Sewer Cleaning	CW 2140				
a)	250mm					
	Pre-lining Cleaning		m	117.7		
ii)	Warranty Cleaning	<b>FO</b> 8	m	117.7		
DA. 2	Sewer Inspection	E2 & CW 2145				
a)	250mm					
,	Pre-lining Inspection		m	117.7		
	Post Lining Inspection		m	117.7		
	Warranty Inspection		m	117.7		
DA. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	3		
DA. 4	Remove Intruding Sewer Services	E2	each	1		
DA. 5	Flow Control	E2	each	1		
DA. 6	Full Segment CIPP	E2				
a)	250mm		m	117.7		
DA. 7	Reinstatement of Sewer Services	E2	each	16		
	•			•	Subtotal:	
DB	Wolseley Av (Asset No. MA20011554)				Subtotal.	
	Greenwood PI (Asset No. MH2001053 Greenwood PI (Asset No. MH2001052	,				
		50.0		<del>т г</del>		
DB. 1	Sewer Cleaning	E2 & CW 2140				
a)	300mm					
,	Pre-lining Cleaning		m	47.1		
		1		1 7/.1		

### 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
DB. 2 a)	Sewer Inspection 300mm	E2 & CW 2145				
i)	Pre-lining Inspection		m	47.1		
ii)	Post Lining Inspection		m	47.1		
iii)	Warranty Inspection		m	47.1		
DB. 3	Flow Control	E2	each	1		
DB. 4	Full Segment CIPP	E2				
a)	300mm		m	47.1		
DB. 5	Reinstatement of Sewer Services	E2	each	5		
					Subtotal:	
	Evanson St (Asset No. MH20012582) t Arlington St (Asset No. MH20012599)					
DC. 1	Sewer Cleaning	E2 & CW 2140				
a)	300mm					
,	Pre-lining Cleaning		m	70.3		
· · ·	Warranty Cleaning		m	70.3		
		E2 &				
DC. 2 a)	Sewer Inspection 300mm	CW 2145				
,	Pre-lining Inspection		m	70.3		
	Post Lining Inspection		m	70.3		
-	Warranty Inspection		m	70.3		
DC. 3	Solid Debris Cutting	CW 2140				
a)	At Joints and Services		each	1		
DC. 4	Remove Intruding Sewer Services	E2	each	1		
DC. 5	Flow Control	E2	each	1		
I						
DC. 6	Full Segment CIPP	E2				

## 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

			1	<u> </u>		
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
DC. 7	Reinstatement of Sewer Services	E2	each	4		
					Subtotal:	
DD	Wolseley Av (Asset No. MA20013953)					
l	Canora St (Asset No. MH20012640) to Canora St (Asset No. MH70006098)	MH at				
		E2 &				
DD. 1	Sewer Cleaning	CW 2140				
a)	300mm					
	Pre-lining Cleaning		m	29.6		
ii)	Warranty Cleaning		m	29.6		
DD. 2	Sewer Inspection	E2 & CW 2145				
a)	300mm	011 21 10				
,	Pre-lining Inspection		m	29.6		
	Post Lining Inspection		m	29.6		
	Warranty Inspection		m	29.6		
DD. 3	Flow Control	E2	each	1		
DD. 4	Full Segment CIPP	E2				
a)	300mm		m	29.6		
DD. 5	Reinstatement of Sewer Services	E2	each	1		
					Subtotal:	
DE	Wolseley Av (Asset No. MA20020028)					
	Canora St (Asset No. MH20012640) to	MH at				
	Chestnut St (Asset No. MH20012646)					
		E2 &				
DE. 1	Sewer Cleaning	CW 2140				
a)	300mm					
,	Pre-lining Cleaning		m	59.6		
ii)	Warranty Cleaning	<b>F</b> 0.0	m	59.6		
DE. 2	Sewer Inspection	E2 & CW 2145				
ос. 2 а)	300mm	0112140				
,	Pre-lining Inspection		m	59.6		
	Post Lining Inspection		m	59.6		
,	Warranty Inspection		m	59.6		

# 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
DE. 3	Remove Intruding Sewer Services	E2	each	2		
DE. 4	Flow Control	E2	each	1		
DE. 5	Full Segment CIPP	E2				
a)	300mm		m	59.6		
DE. 6	Reinstatement of Sewer Services	E2	each	9		
					Subtotal:	
	Young St (Asset No. MA20014732) - 2r Portage Av (Asset No. MH20013312) to Portage Av (Asset No. MH20013296)					
	Sower Cleaning	E2 &				
	Sewer Cleaning 300mm	CW 2140				
,	Pre-lining Cleaning		m	92.0		
	Warranty Cleaning		m	92.0		
	Sewer Inspection 300mm	E2 & CW 2145				
,	Pre-lining Inspection		m	92.0		
-	Post Lining Inspection		m	92.0		
iii)	Warranty Inspection		m	92.0		
DF. 3	Solid Debris Cutting	CW 2140				
a)	First 3 metres		each	1		
b)	At Joints and Services		each	2		
DF. 4	Additional Solid Debris Cutting	E2	m	2.1		
DF. 5	Flow Control	E2	each	1		
DF. 6	Full Segment CIPP	E2				
	300mm		m	92.0		
DF. 7	Reinstatement of Sewer Services	E2	each	19		
					Subtotal:	

#### 2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

### UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>DG</u>	Provisional Items					
<b>DO</b> 1		E3 &				
DG. 1	Manhole and Catchbasin Repair	CW 2130				
a)	Grout Manhole (risers)		vert. m	5.0		
b)	Grout Manhole (benching)		each	5.0		
DG. 2	Internal Sewer Repairs	E3 & CW 2145				
a)	Concrete Patching					
i)	Up to 1.0 metre long		each	5.0		
ii)	In excess of 1.0 metre		m	10.0		
b)	Filling small voids internally		each	15.0		
c)	Sewer Service Grouting					
i)	non man entry < 750mm host pipe		each	5		
ii)	man entry > 750mm host pipe		each	5		
DG. 3	Catchbasin Lead Cleaning	E4 & CW 2140				
a)	200mm catchbasin lead		m	680.0		
		E4 &				
DG. 4	Catchbasin Lead Inspection	CW 2145				
a)	200mm catchbasin lead		m	680.0		
					Subtotal:	
			GRA			

TOTAL BID PRICE (GST and MRST extra)

(in figures) \$

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

Name of Bidder

\_\_\_\_\_

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

(Page 1 of 2) (See B11)

#### **BID BOND**

KNOW ALL MEN BY THESE PRESENTS THAT

(hereinafter called the "Principal") and

(hereinafter called the "Surety"), are held and firmly bound unto **THE CITY OF WINNIPEG** (hereinafter called the "Obligee") in the sum of ten percent (10%) of the Total Bid Price set out in the Bid hereinafter described, for the payment of which sum the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a Bid to the Obligee for

BID OPPORTUNITY NO. 811-2011

2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

as more fully set out in the Bid Opportunity.

NOW THEREFORE the condition of this obligation is such that if the Bid of the Principal is not accepted, or if said Bid is accepted and the Principal, in accordance with the terms of the Bid, enters into a Contract with the said Obligee and furnishes the required performance security for guaranteeing the faithful performance of the Contract, this obligation shall be void, but otherwise shall remain in full force and effect.

IN WITNESS WHEREOF the Principal and Surety have signed and sealed this bond the

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

SIGNED AND SEALED in the presence of:

(Witness as to Principal if no seal)

(Name of Principal)	
Per:	(Seal
Per:	
(Name of Surety)	

of

#### 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. 811-2011** 

2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

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)

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

(Date)

The City of Winnipeg Corporate Finance Department Materials Management Division 185 King Street, Main Floor Winnipeg MB R3B 1J1

#### RE: BID SECURITY - BID OPPORTUNITY NO. 811-2011

2011 SEWER RENEWALS BY CIPP LINING - CONTRACT NO. 19

Pursuant to the request of and for the account of our customer,

(Name of Bidder)

(Address of Bidder)

WE HEREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding in the aggregate

Canadian dollars.

This Standby Letter of Credit may be drawn on by you at any time and from time to time upon written demand for payment made upon us by you. It is understood that we are obligated under this Standby Letter of Credit for the payment of monies only and we hereby agree that we shall honour your demand for payment without inquiring whether you have a right as between yourself and our customer to make such demand and without recognizing any claim of our customer or objection by the customer to payment by us.

The amount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upon it by you or by formal notice in writing given to us by you if you desire such reduction or are willing that it be made.

Partial drawings are permitted.

We engage with you that all demands for payment made within the terms and currency of this Standby Letter of Credit will be duly honoured if presented to us at:

(Address)

and we confirm and hereby undertake to ensure that all demands for payment will be duly honoured by us.

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

All demands for payment shall specifically state that they are drawn under this Standby Letter of Credit.

This Standby Letter of Credit will expire on February 19, 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)	
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Per:

(Authorized Signing Officer)

Per:

(Authorized Signing Officer)