FORM A: BID (See B8)

1.	Project Title	2005 WATERMAIN RENEWA	LS – CONTRACT 4	
2.	Bidder			
		Name of Bidder		
		Street		
		City	Province	Postal Code
		Facsimile Number		
	(Mailing address if different)	Street or P.O. Box		
		City	Province	Postal Code
		The Bidder is:		
	(Choose one)	a sole proprietor		
		a partnership		
		a corporation		
		carrying on business under the	e above name.	
3.	Contact Person	The Bidder hereby authorizes the Bidder for purposes of the	the following contact person Bid.	to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Offer		perform the Work in accorda ce, in Canadian funds, set out	

Template Versio	on: C120050301	
5.	Bid Security	In accordance with B11.1, the Bidder encloses bid security in the form of:
	(Choose one)	a bid bond (Form G1: Bid Bond and Agreement to Bond)
		an irrevocable standby letter of credit (Form G2: Irrevocable Standby Letter of Credit and Undertaking)
		a certified cheque or draft
		and agrees that it shall be held by the City in accordance with the Contract.
6.	Execution of Contract	The Bidder agrees to execute and return the Contract no later than seven (7) Calendar Days after receipt of the Contract, in the manner specified in GC:4.
7.	Commencement of the Work	The Bidder agrees that no Work shall commence until he is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.
8.	Contract	The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid Submission.
9.	Addenda	The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:
		No Dated
10.	Time	This offer shall be open for acceptance, binding and irrevocable for a period of thirty (30) Calendar Days following the Submission Deadline.

11.	Signatures	In witness whereof the Bidder or the Bidder's authorized official o officials have signed this
		day of , 20
	(If no corporate seal) Signed and sealed in the presence of:	Signature of Bidder or Bidder's Authorized Official or Officials
	(Witness)	(Print here name and official capacity of individual whose signature appears above)
	(Witness)	(Print here name and official capacity of individual whose signature appears above)

SEAL

	PRICES	0070		400000		
TEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
art /	A: Blair Street - Holden Street to Lagimodiere Blvd					
<u> </u>	Surface Restorations					
A 4	Miscellaneous Concrete Slab Renewal	2225 D4				
		3235-R4		5.0		
a)	Sidewalk		sq.m.	5.0		
A.2	Full Depth Partial Slab Patches Remove and Replace	2110-R7				
	150mm reinforced concrete	2110-117	60 m	10.0		
a)			sq.m.	10.0		
A.3	Concrete Curb Removal	3240-R4				
	Barrier Curb	0210111	lin.m.	8.0		
u)				0.0		
A.4	Concrete Curb Installation	3240-R4				
	Barrier Curb		lin.m.	8.0		
- /						
A.5	Construction of Asphaltic Concrete Overlay	3410-R5				
	Tie Ins and Approaches					
i)	Type 1A		tonnes	2.0		
-						
	Watermain Renewal					
A.6	Watermain Renewal	2110-R7				
a)	150 mm					
i)	trenchless installation, Class B sand bedding, Class 1 backfill		lin. m.	3.0		
ii)	trenchless installation, Class B sand bedding, Class 3 backfill		lin. m.	3.0		
iii)	trenchless installation, Class B sand bedding, Class 5 backfill		lin. m.	200.0		
'	200 mm					
i)	trenchless installation, Class B sand bedding, Class 1 backfill		lin. m.	1.0		
ii)	trenchless installation, Class B sand bedding, Class 3 backfill		lin. m.	3.0		
iii)	trenchless installation, Class B sand bedding, Class 5 backfill		lin. m.	1.0		
c)	300 mm					
i)	trenchless installation, Class B sand bedding, Class 5 backfill		lin. m.	4.0		
"				4.0		
A.7	Hydrant Assembly	2110-R7				
	SD-006		each	3.0		
A.8	Watermain Valve	2110-R7				
a)	150 mm		each	3.0		
A.9	Fittings	2110-R7				
	Vertical Bends (SD-004)					
i)	150mm - 11 1/4° - 45° bend		each	4.0		
	_					
b)	Tees			10		
	200x200x150		each	1.0		
ii)	300x300x150		each	1.0		
A.10	Connection to Existing Watermain	2110-R7				
1.10	Inline Connection - No Plug Existing	2110-11				
a)	200mm watermain		each	2.0		
a) b)	300mm watermain		each	2.0		
.,			Cuon	2.0		
<i>'</i>						
,	Connecting Existing Copper Water	2110-R7				
A.11	Connecting Existing Copper Water Services to New Watermains	2110-R7				

	PRICES					
ITEM NO.		SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
			CINIT	QOMMIN	TRICE	
A.12 a)	Water Services 19mm	2110-R7				
i)	trenchless installation, Class B sand bedding, Class 3 backfill		lin.m.	4.0		
A 12	Corporation Stops	2110-R7				
a)	19mm	2110-117	each	16.0		
A.14 a)	Curb Stops 19mm	2110-R7	each	1.0		
,						
A.15 a)	Curb Stop Boxes 19mm	2110-R7	each	1.0		
a)			cach	1.0		
A.16	Continuity Bonding	2110-R7	each	15.0		
A.17	10.9 Kilogram Sacrificial Zinc Anodes	2110-R7				
a)	On Water Services		each	1.0		
Part A	A: Blair Street - Holden Street to Lagimodiere Blvd		Subto	al Part A:		
Part	B: Blenheim Av Des Meurons St. to 110m East of Des M	leurons St				
	Surface Restorations					
В.1 а)	Miscellaneous Concrete Slab Renewal Sidewalk	3235-R4	sq.m.	3.0		
,			0 q	0.0		
В.2 а)	Full Depth Partial Slab Patches Remove and Replace 150mm reinforced concrete	2110-R7	69 m	3.0		
a)			sq.m.	3.0		
	Concrete Curb Removal	3240-R4				
a)	Barrier Curb		lin.m.	3.0		
B.4	Concrete Curb Installation	3240-R4				
a)	Barrier Curb		lin.m.	3.0		
B.5	Construction of Asphaltic Concrete Overlay	3410-R5				
a)	Tie Ins and Approaches		tonnoo	2.0		
i)	Type 1A		tonnes	2.0		
	Watermain Renewal					
В.6 а)	Watermain Renewal 150 mm	2110-R7				
i)	trenchless installation, Class B sand bedding, Class 3 backfill		lin. m.	3.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		lin. m.	130.0		
B.7	Hydrant Assembly	2110-R7				
a)	SD-006		each	1.0		
B.8	New Hydrant Assembly on Existing Watermain					
в.о а)	SD-006		each	1.0		
D O	Wetermein Velve	0110 07				
В.9 а)	Watermain Valve 150 mm	2110-R7	each	1.0		
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TEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
			0.111			/
3.10	Fittings	2110-R7				
a)	Bends (SD-004) 150mm - 11 1/4° - 45° bend			0.0		
i)	150mm - 11 1/4* - 45* bend		each	2.0		
B.11	Connection to Existing Watermain	2110-R7				
a)	Inline Connection - No Plug Existing					
i)	150mm watermain		each	2.0		
B.12		2110-R7				
-)	Services to New Watermains			40.0		
a)	19mm		each	18.0		
B 13	Water Services	2110-R7				
a)	19mm	211010				
i)	trenchless installation, Class B sand bedding, Class 3 backfill		lin.m.	16.0		
B.14	Corporation Stops	2110-R7				
a)	19mm		each	18.0		
	Outh Otana	0440 DZ				
	Curb Stops 19mm	2110-R7	oach	1.0		
a)			each	1.0		
B.16	Curb Stop Boxes	2110-R7				
a)	19mm		each	1.0		
,						
B.17	Continuity Bonding	2110-R7	each	17.0		
D 40	40.0 Kilomene Consiliaist Zing America	0440 DZ				
ы. то а)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	2110-R7	each	1.0		
a)	On water Services		each	1.0		
		•				
Part B	: Blenheim Av Des Meurons St. to 110m East of Des Meurons St.		Subto	al Part B:		
Part	C: Burnaby Bay (E. Leg) - 90m N. of Kildare Av. W. to Bu	rnaby Bay	(N. Leg)			
	Surface Restorations					
C.1	Miscellaneous Concrete Slab Renewal	3235-R4				
a)	Sidewalk	0200 114	sq.m.	4.0		
C.2	Full Depth Partial Slab Patches Remove and Replace	2110-R7				
a)	150mm reinforced concrete		sq.m.	3.0		
• -						
	Concrete Curb Removal	3240-R4				
	Barrier Curb		lin.m.	3.0		
	Damer Oard					
a)		3240-R4				
a) C.4	Concrete Curb Installation	3240-R4	lin.m.	3.0		
a)		3240-R4	lin.m.	3.0		
a) C.4 a)	Concrete Curb Installation	3240-R4 3410-R5	lin.m.	3.0		
a) C.4 a)	Concrete Curb Installation Barrier Curb Construction of Asphaltic Concrete Overlay Tie Ins and Approaches		lin.m.	3.0		
a) C.4 a) C.5	Concrete Curb Installation Barrier Curb Construction of Asphaltic Concrete Overlay		lin.m. tonnes	3.0 2.0		
a) C.4 a) C.5 a)	Concrete Curb Installation Barrier Curb Construction of Asphaltic Concrete Overlay Tie Ins and Approaches					

ITEM	PRICES	SPEC.		APPROX.	UNIT	
NO.	DESCRIPTION	REF.	UNIT	QUANTITY	PRICE	AMOUNT
C.6	Watermain Renewal	2110-R7	UNIT	QO/ INTE	TRIOE	////00/11
a)	150 mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		lin. m.	4.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		lin. m.	150.0		
")	ticheness installation, olass b sand bedding, olass 5 backin			150.0		
C.7	Hydrant Assembly	2110-R7				
a)	SD-006	2110-117	each	2.0		
a)	30-000		each	2.0		
C.8	Watermain Valve	2110-R7				
a)	150 mm	2110-117	each	2.0		
a)			each	2.0		
C.9	Connection to Existing Watermain	2110-R7				
	Inline Connection - No Plug Existing	2110-117				
a)	150mm watermain		oach	2.0		
i)			each	2.0		
C 10	Connecting Existing Conner Water	2110-R7				
0.10	Connecting Existing Copper Water Services to New Watermains	2110-R7				
2)	19mm		aaab	18.0		
a)	19000		each	18.0		
C 11	Water Services	2110-R7				
	19mm	2110-R7				
a)	-		lin m	6.0		
i)	trenchless installation, Class B sand bedding, Class 3 backfill		lin.m.	6.0		
~ 40	Comparation Otono	0440 DZ				
	Corporation Stops	2110-R7	h	40.0		
a)	19mm		each	18.0		
C 40	Curth Stone	0110 D7				
	Curb Stops	2110-R7	aaab	1.0		
a)	19mm		each	1.0		
C 11	Curb Stop Boyon	2110-R7				
	Curb Stop Boxes	2110-117	aaab	1.0		
a)	19mm		each	1.0		
C 15	Continuity Bonding	2110-R7	ooob	17.0		
0.15	Continuity Bonding	2110-R7	each	17.0		
C 16	10.9 Kilogram Sacrificial Zinc Anodes	2110-R7				
a)	On Water Services	2110-117	each	1.0		
a)	on water bervices		each	1.0		
Part C	: Burnaby Bay (E. Leg) - 90m N. of Kildare Av. W. to Burnaby Bay (N	. Leg)	Subto	tal Part C:		
Dart	D: De La Morenie Street - Yelle St. to Hamel Av.					
art						
	Surface Restorations				ſ	
D.1	Miscellaneous Concrete Slab Removal	3235-R4				
a)	Sidewalk		sq.m.	6.0		
,				-		
D.2	Full Depth Partial Slab Patches	2110-R7				
a)	Removal					
i)	150mm reinforced concrete		sq.m.	9.0		
''			Jq.m.	0.0		
	Concrete Curb Removal	3240-R4				
D 3	Barrier Curb	52-10-114	lin.m.	3.0		
				5.0		
i)				60		
i) ii)	Lip Curb and Gutter Ramp Curb		lin.m. lin.m.	6.0 3.0		

	PRICES	0050				
TEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	Construction of Asphaltic Concrete Overlay	3410-R5	UNIT	QUANTITY	PRICE	AMOUNT
	Tie Ins and Approaches	5410-105				
	Type 1A		tonnes	3.0		
-,	.)[*****					
	Watermain Renewal					
D.5	Watermain Renewal	2110-R7				
a)	150 mm					
i)	trenchless installation, Class B sand bedding, Class 1 backfill		lin. m.	4.0		
ii)	trenchless installation, Class B sand bedding, Class 3 backfill		lin. m.	6.0		
iii)	trenchless installation, Class B sand bedding, Class 5 backfill		lin. m.	194.0		
	I hadre at Assessed h	0140 DC				
D.6	Hydrant Assembly SD-007	2110-R6	aaah	2.0		
a)	50-007		each	2.0		
D.7	Watermain Valve	2110-R7				
a)	150 mm		each	2.0		
- /						
D.8	Fittings	2110-R7				
a)	Crosses					
i)	150x150x150X150		each	1.0		
D 0		0140 57				
D.9	Connection to Existing Watermain	2110-R7				
a)	Inline Connection - No Plug Existing		h	0.0		
i)	150mm watermain		each	2.0		
D.10	Connecting Existing Copper Water	2110-R7				
20	Services to New Watermains	2				
a)	19mm		each	37.0		
,						
D.11	Water Services	2110-R7				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		lin.m.	17.0		
D 40	Correction Stone	0110 D7				
	Corporation Stops 19mm	2110-R7	each	37.0		
a)	191111		each	57.0		
D.13	Curb Stops	2110-R7				
	19mm	2	each	1.0		
C.14	Curb Stop Boxes	2110-R7				
a)	19mm		each	1.0		
D.15	Continuity Bonding	2110-R7	each	36.0		
D 16	10.9 Kilogram Sacrificial Zinc Anodes	2110-R7				
	On Water Services	2.10101	each	1.0		
	On Metallic Watermains		each	2.0		
,						
Part D	: De La Morenie Street - Yelle St. to Hamel Av.		Subtot	al Part D:		
Dort I	- Hamal Av. St. Joan Pantisto St. to Doc Mourans St.					
arti	E: Hamel Av St. Jean Baptiste St. to Des Meurons St.			· · ·	-	
<u> </u>	Surface Restorations					
	Miscellaneous Concrete Slab Renewal	3235-R4				
a)	Sidewalk		sq.m.	6.0		

	PRICES					
ITEM	DECODIDITION	SPEC.		APPROX.	UNIT	
NO.	DESCRIPTION	REF.	UNIT	QUANTITY	PRICE	AMOUNT
E.2	Full Depth Partial Slab Patches Remove and Replace	2110-R7				
	150mm reinforced concrete	-	sq.m.	4.0		
,						
E.3	Concrete Curb Removal	3240-R4				
a)	Barrier Curb		lin.m.	3.0		
	Concrete Curb Installation	3240-R4				
a)	Barrier Curb		lin.m.	3.0		
E.5	Construction of Asphaltic Concrete Overlay	3410-R5				
	Tie Ins and Approaches	3410-13				
	Type 1A		tonnes	2.0		
.,	1300 117		tonnoo	2.0		
	Watermain Renewal					
E.6	Watermain Renewal	2110-R7				
a)	150 mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		lin. m.	4.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		lin. m.	158.0		
E.7	Watermain Valve 150 mm	2110-R7		0.0		
a)	150 mm		each	2.0		
E.8	Connection to Existing Watermain	2110-R7				
∟.o a)	Inline Connection - No Plug Existing	2110-117				
i)	150mm watermain		each	2.0		
,				_		
E.9	Connecting Existing Copper Water	2110-R7				
	Services to New Watermains					
a)	19mm		each	7.0		
- 10						
	Corporation Stops	2110-R7	aaab	7.0		
a)	19mm		each	7.0		
F.11	Continuity Bonding	2110-R7	each	7.0		
		2	ouon			
Part E	: Hamel Av St. Jean Baptiste St. to Des Meurons St.		Subtot	al Part E:		
Part F	-: Hayes St McMeans Av. West to Whiteshell Av.					
	-	1		· · · · · · · · · · · · · · · · · · ·		
	Surface Restorations					
	Miscellaneous Concrete Slab Renewal	3235-R4				
a)	Sidewalk		sq.m.	3.0		
F.2	Full Depth Partial Slab Patches Remove and Replace	2110-R7				
	150mm reinforced concrete	211U-R/	sq.m.	3.0		
α)			Jy.III.	5.0		
F.3	Concrete Curb Removal	3240-R4				
	Barrier Curb		lin.m.	3.0		
,						
F.4	Concrete Curb Installation	3240-R4				
a)	Barrier Curb		lin.m.	3.0		

	PRICES	-				
ITEM		SPEC.		APPROX.	UNIT	
NO. F.5	DESCRIPTION Construction of Asphaltic Concrete Overlay	REF. 3410-R5	UNIT	QUANTITY	PRICE	AMOUNT
	Tie Ins and Approaches	0110110				
	Type 1A		tonnes	2.0		
	Watermain Renewal					
F.6	Watermain Renewal	2110-R7				
a)	150 mm		1	400.0		
i) ii)	trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill		lin. m. lin. m.	133.0 10.0		
")	renemess installation, oldss b sand bedding, oldss o backing			10.0		
F.7	Hydrant Assembly	2110-R7				
a)	SD-006		each	1.0		
F.8	Watermain Valve	2110-R7				
a)	150 mm		each	1.0		
F.9	Fittings	2110-R7				
a)	Bends (SD-004)	211010				
i)	150mm - 11 1/4° - 45° bend		each	1.0		
F.10	Connection to Existing Watermain	2110-R7				
a)	Inline Connection - No Plug Existing		aaab	1.0		
i)	150mm watermain		each	1.0		
F.11	Connecting Existing Copper Water	2110-R7				
	Services to New Watermains					
a)	19mm		each	16.0		
	Water Services	2110-R7				
'	19mm trenchless installation, Class B sand bedding, Class 3 backfill		lin.m.	4.0		
1)	tienchiess installation, class & sand bedding, class 5 backin			4.0		
F.13	Corporation Stops	2110-R7				
	19mm	-	each	16.0		
	Curb Stops	2110-R7				
a)	19mm		each	1.0		
F 15	Curb Stop Boxes	2110-R7				
	19mm	2110-107	each	1.0		
F.16	Continuity Bonding	2110-R7	each	15.0		
	10.9 Kilogram Sacrificial Zinc Anodes	2110-R7				
a)	On Water Services		each	1.0		
		1		<u>ı </u>		1
Part F	: Hayes St McMeans Av. West to Whiteshell Av.		Subto	al Part F:		
Part	G: Hull Av St. George Rd. To St Thomas Rd.					
	Surface Restorations			<u> </u>		
G.1	Miscellaneous Concrete Slab Renewal	3235-R4				
a)	Sidewalk		sq.m.	4.0		
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UNIT	PRICES					
ITEM		SPEC.		APPROX.	UNIT	
NO.	DESCRIPTION	REF. 2110-R7	UNIT	QUANTITY	PRICE	AMOUNT
a)	Full Depth Partial Slab Patches Remove and Replace 150mm reinforced concrete	2110-R7	sq.m.	3.0		
G.3 a)	Concrete Curb Removal Barrier Curb	3240-R4	lin.m.	6.0		
G.4 a)	Concrete Curb Installation Barrier Curb	3240-R4	lin.m.	6.0		
G.5 a) i)	Construction of Asphaltic Concrete Overlay Tie Ins and Approaches Type 1A	3410-R5	tonnes	2.0		
G.6	Watermain Renewal Watermain Renewal	2110-R7				
a) i) ii)	150 mm trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill		lin. m. lin. m.	5.0 30.0		
b) i) ii) iii)	300 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill		lin. m. lin. m. lin. m.	4.0 4.0 144.0		
G.7 a)	Hydrant Assembly SD-006	2110-R7	each	2.0		
G.8 a) b)	Watermain Valve 150 mm 300 mm	2110-R7	each each	3.0 2.0		
G.9 a) i) ii) iii)	Fittings Bends (SD-004) 150mm - 11 1/4° - 45° bend 150mm - 90° bend 300mm - 11 1/4° - 45° bend	2110-R7	each each each	4.0 1.0 4.0		
b) i)	Reducers 300x150		each	1.0		
c) i) ii)	Tees 300x300x150 300x300x300		each each	3.0 1.0		
G.10 a) i) ii)	Connection to Existing Watermain Inline Connection - No Plug Existing 150mm watermain 300mm watermain	2110-R7	each each	4.0 2.0		
G.11	Connecting Existing Copper Water Services to New Watermains	2110-R7		14.0		
a) G.12	19mm Water Services	2110-R7	each	14.0		
a) i)	19mm trenchless installation, Class B sand bedding, Class 3 backfill		lin.m.	5.0		

	PRICES					
ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	Corporation Stops	2110-R7	UNIT	QUANTIT	FRICE	AMOUNT
a)	19mm	-	each	14.0		
~ 11	Curb Stops	2110 P7				
a)	19mm	2110-R7	each	1.0		
α)			Cacin	1.0		
G.15	Curb Stop Boxes	2110-R7				
a)	19mm		each	1.0		
G.16	Continuity Bonding	2110-R7	each	13.0		
G.17	10.9 Kilogram Sacrificial Zinc Anodes	2110-R7				
a)	On Water Services		each	1.0		
b)	On Metallic Watermains		each	3.0		
Part (G: Hull Av St. George Rd. To St Thomas Rd.	1	Subtot	al Part G:		
Part	H: Kernaghan Av Robson St. to Plessis Rd.	-				1
114	Surface Restorations	2225 D 4				
H.1 a)	Miscellaneous Concrete Slab Renewal Sidewalk	3235-R4	sa m	5.0		
a)	Sidewaik		sq.m.	5.0		
H.2	Full Depth Partial Slab Patches Remove and Replace	2110-R7				
a)	150mm reinforced concrete		sq.m.	4.0		
11.2	Concrete Curk Domoural	2240 04				
H.3 a)	Concrete Curb Removal Barrier Curb	3240-R4	lin.m.	3.0		
u)	Damor Ourb			0.0		
H.4	Concrete Curb Installation	3240-R4				
a)	Barrier Curb		lin.m.	3.0		
H.5	Construction of Asphaltic Concrete Overlay	3410-R5				
a)	Tie Ins and Approaches	3410-65				
~,						
i)	Type 1A		tonnes	2.0		
i)	Type 1A		tonnes	2.0		
,	Type 1A Watermain Renewal		tonnes	2.0		
Н.6	Type 1A Watermain Renewal Watermain Renewal	2110-R7	tonnes	2.0		
Н.6 а)	Type 1A Watermain Renewal Watermain Renewal 150 mm	2110-R7				
н.6 а) і)	Type 1A Watermain Renewal Watermain Renewal 150 mm trenchless installation, Class B sand bedding, Class 1 backfill	2110-R7	tonnes lin. m. lin. m.	2.0 3.0 3.0		
Н.6 а)	Type 1A Watermain Renewal Watermain Renewal 150 mm	2110-R7	lin. m.	3.0		
H.6 a) i) ii) iii)	Type 1A Watermain Renewal Watermain Renewal 150 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill	2110-R7	lin. m. lin. m.	3.0 3.0		
H.6 a) i) ii) iii)	Type 1A Watermain Renewal Watermain Renewal 150 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill 200 mm	2110-R7	lin. m. lin. m. lin. m.	3.0 3.0 209.0		
H.6 a) i) ii) iii) b) i)	Type 1A Watermain Renewal Watermain Renewal 150 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill 200 mm trenchless installation, Class B sand bedding, Class 1 backfill	2110-R7	lin. m. lin. m.	3.0 3.0 209.0 3.0		
H.6 a) i) ii) iii)	Type 1A Watermain Renewal Watermain Renewal 150 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill 200 mm	2110-R7	lin. m. lin. m. lin. m. lin. m.	3.0 3.0 209.0		
H.6 a) i) ii) iii) iii) ii) iii)	Type 1A Watermain Renewal Watermain Renewal 150 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill 200 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill trenchless installation, Class B sand bedding, Class 5 backfill		lin. m. lin. m. lin. m. lin. m. lin. m.	3.0 3.0 209.0 3.0 3.0		
H.6 a) i) ii) iii) b) i) ii) iii) H.7	Type 1A Watermain Renewal Watermain Renewal 150 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill 200 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill Hydrant Assembly	2110-R7 2110-R7	lin. m. lin. m. lin. m. lin. m. lin. m. lin. m.	3.0 3.0 209.0 3.0 3.0 26.0		
H.6 a) i) ii) iii) b) i) ii) iii)	Type 1A Watermain Renewal Watermain Renewal 150 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill 200 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill trenchless installation, Class B sand bedding, Class 5 backfill		lin. m. lin. m. lin. m. lin. m. lin. m.	3.0 3.0 209.0 3.0 3.0		
H.6 a) ii) iii) b) i) iii) H.7 a)	Type 1A Watermain Renewal Watermain Renewal 150 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill 200 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill Hydrant Assembly		lin. m. lin. m. lin. m. lin. m. lin. m. lin. m.	3.0 3.0 209.0 3.0 3.0 26.0		
H.6 a) i) ii) iii) b) i) ii) iii) H.7	Type 1A Watermain Renewal 150 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill 200 mm trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 1 backfill trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill trenchless installation, Class B sand bedding, Class 5 backfill trenchless installation, Class B sand bedding, Class 5 backfill Hydrant Assembly SD-007	2110-R7	lin. m. lin. m. lin. m. lin. m. lin. m. lin. m.	3.0 3.0 209.0 3.0 3.0 26.0		

	RICES			· · · ·		
ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	Fittings	2110-R7	UNIT	QUANTIT	TRICE	AMOONT
a)	Bends (SD-004)	-				
	150mm - 11 1/4° - 45° bend		each	2.0		
	200mm - 11 1/4° - 45° bend		each	2.0		
b)	Reducers					
i)	200x150		each	1.0		
c)	Tees					
i)	200X200X150		each	1.0		
ii)	200X200X200		each	1.0		
H.10	Connection to Existing Watermain	2110-R7				
	Inline Connection - No Plug Existing					
a)	150mm watermain		each	2.0		
b)	200mm watermain		each	2.0		
H.11	Connecting Existing Copper Water	2110-R7				
	Services to New Watermains					
a)	19mm		each	20.0		
H.12	Water Services	2110-R7				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		lin.m.	4.0		
,						
H.13	Corporation Stops	2110-R7				
	19mm		each	20.0		
,						
H.14	Curb Stops	2110-R7				
	19mm		each	1.0		
,						
H.15	Curb Stop Boxes	2110-R7				
	19mm		each	1.0		
- /				_		
H.16	Continuity Bonding	2110-R7	each	19.0		
	, 0					
H.17	10.9 Kilogram Sacrificial Zinc Anodes	2110-R7				
	On Water Services		each	1.0		
'	On Metallic Watermains		each	2.0		
,						
Part H	: Kernaghan Av Robson St. to Plessis Rd.		Subtot	al Part H:		
	Whiteshall Av. 60m West of Lloves Official to Lloves Of					
-art I	: Whiteshell Av 60m West of Hayes Street to Hayes Str	eet				
—I	Surface Restorations	1		<u>т</u> т		
14	Surface Restorations Miscellaneous Concrete Slab Renewal	2025 0 4				
		3235-R4				
a)	Sidewalk		sq.m.	3.0		
		2110-R7				
	Full Depth Partial Slab Patches Remove and Replace					
	Full Depth Partial Slab Patches Remove and Replace	2	sq.m.	2.0		
a)	150mm reinforced concrete		sq.m.	2.0		
a)		3240-R4	sq.m.	2.0		
a) I.3	150mm reinforced concrete		sq.m. lin.m.	2.0 2.0		

	PRICES					
ITEM	DECODIDITION	SPEC.		APPROX.	UNIT	
NO.	DESCRIPTION Concrete Curb Installation	REF. 3240-R4	UNIT	QUANTITY	PRICE	AMOUNT
a)	Barrier Curb	5240-114	lin.m.	2.0		
u)				2.0		
1.5	Construction of Asphaltic Concrete Overlay	3410-R5				
a)	Tie Ins and Approaches					
i)	Type 1A		tonnes	2.0		
	Watermain Renewal					
I.6	Watermain Renewal	2110-R7				
a)	150 mm		lin m	2.0		
i) ii)	trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill		lin. m. lin. m.	3.0 67.0		
")	tienchiess installation, Class D sand bedding, Class 5 backin			07.0		
1.7	Hydrant Assembly	2110-R7				
a)	SD-006		each	1.0		
				-		
I.8	Watermain Valve	2110-R7				
a)	150 mm		each	1.0		
1.9	Fittings	2110-R7				
a)	Bends (SD-004)					
i)	150mm - 11 1/4° - 45° bend		each	2.0		
b)	Tees					
i)	150X150X150		each	1.0		
.,			00011			
I.10	Connection to Existing Watermain	2110-R7				
	Inline Connection - No Plug Existing					
a)	150mm watermain		each	2.0		
I.11	Connecting Existing Copper Water	2110-R7				
	Services to New Watermains 19mm		aaab	6.0		
a)			each	0.0		
I.12	Corporation Stops	2110-R7				
a)	19mm		each	6.0		
,				-		
I.13	Continuity Bonding	2110-R7	each	5.0		
I.14	10.9 Kilogram Sacrificial Zinc Anodes	2110-R7				
a)	On Metallic Watermains		each	1.0		
Part I	: Whiteshell Av 60m West of Hayes Street to Hayes Street		Subto	tal Part I:		
Part	J: Provisional Items					
J.1	Sodding	3510-R7	60 m	10.0		
J.1	Sodding	3010-K7	sq.m.	10.0		
J.2	Fittings	2110-R7				
a)	Vertical Bends	2110101				
i)	200mm - 11 1/4° - 45° bend		each	1.0		
Ĺ						

(See B9) 2005 WATERMAIN RENEWALS - CONTRACT 4

DESCRIPTION /atermain & Water Service Insulation 5mm thick egrading of Existing Sewer ervices - up to 3 metres long 50mm Class 5 Backfill	REF. 2110-R7 2130-R7 &	UNIT lin.m.	QUANTITY 7.0	PRICE	AMOUNT
5mm thick egrading of Existing Sewer ervices - up to 3 metres long	2130-R7	lin.m.	7.0		
egrading of Existing Sewer ervices - up to 3 metres long		lin.m.	7.0		
ervices - up to 3 metres long					
	&				
50mm Class 5 Backfill					
	2110-R7	each	3.0		
50mm Class 3 Backfill		each	1.0		
emove and Replace					
kisting Wood Fencing		lin.m.	3.0		
emove and Replace	2130-R8				
kisting Catchbasins					
D-25		each	1.0		
sphalt Patching	3410-R5	sq.m.	5.0		
treet Light Cable Installation	E6				
renching		lin.m.	30.0		
oring		lin.m.	10.0		
laintaining Curb Stop Excavations	2110-R7	day	5.0		
upply & Install 300mm CSP Culvert	3610-R3	lin.m.	3.0		
upply of Precast Sidewalk					
locks	3234-R4	sq.m.	5.0		
Provisional Items		Subto	tal Part J:		
	isting Wood Fencing move and Replace isting Catchbasins D-25 sphalt Patching reet Light Cable Installation enching bring aintaining Curb Stop Excavations pply & Install 300mm CSP Culvert upply of Precast Sidewalk ocks	isting Wood Fencing move and Replace isting Catchbasins D-25 sphalt Patching reet Light Cable Installation enching bring aintaining Curb Stop Excavations pply & Install 300mm CSP Culvert upply of Precast Sidewalk ocks 3234-R4	isting Wood Fencinglin.m.move and Replace isting Catchbasins D-252130-R8sphalt Patching3410-R5sphalt Patching3410-R5reet Light Cable Installation enching oringE6lin.m.lin.m.aintaining Curb Stop Excavations2110-R7pply & Install 300mm CSP Culvert3610-R3upply of Precast Sidewalk ocks3234-R4sq.m.	isting Wood Fencinglin.m.3.0move and Replace isting Catchbasins D-252130-R82130-R8sphalt Patching3410-R5sq.m.5.0reet Light Cable Installation enching oringE6lin.m.30.0aintaining Curb Stop Excavations2110-R7day5.0pply & Install 300mm CSP Culvert3610-R3lin.m.3.0upply of Precast Sidewalk ocks3234-R4sq.m.5.0	isting Wood Fencinglin.m.3.0move and Replace isting Catchbasins D-252130-R8lin.m.3.0geach1.0each1.0sphalt Patching3410-R5sq.m.5.0reet Light Cable Installation enching oringE6lin.m.30.0aintaining Curb Stop Excavations2110-R7day5.0pply & Install 300mm CSP Culvert3610-R3lin.m.3.0upply of Precast Sidewalk ocks3234-R4sq.m.5.0

Name of Bidder

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2) (See B11)

BID BOND

KNOW ALL MEN BY THESE PRESENTS THAT

(hereinafter called the "Principal") and

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

WHEREAS the Principal has submitted a Bid to the Obligee dated the

, 20 IU	day of		, 20	for
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BID OPPORTUNITY NO. 396-2005

2005 WATERMAIN RENEWALS – CONTRACT 4

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_____ .

Т

SIGNED AND SEALED in the presence of:

(Witness)

(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. 396-2005

2005 WATERMAIN RENEWALS - CONTRACT 4

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 thirty (30) Calendar Days following the Submission Deadline.

AND IT IS HEREBY DECLARED AND AGREED that the Surety shall be liable as Principal, and that nothing of any kind or matter whatsoever that will not discharge the Principal shall operate as a discharge or release of liability of the Surety, any law or usage relating to the liability of Sureties to the contrary notwithstanding.

SIGNED AND SEALED this _____ day of _____, 20____.

(Name of Surety)

_____ By: (Attorney-in-Fact) (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 Branch 185 King Street, Main Floor Winnipeg MB R3B 1J1

RE: BID SECURITY - BID OPPORTUNITY NO. 396-2005

2005 WATERMAIN RENEWALS – CONTRACT 4

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

(Name of Bidder)

(Address of Bidder)

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

Canadian dollars.

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

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

Partial drawings are permitted.

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

(Address)

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

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

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

This Standby Letter of Credit will expire on August 14, 2005

if our customer's Bid is not accepted, and if accepted, when our customer has entered into a Contract with you and has furnished the required performance security for guaranteeing the faithful performance of the Contract.

This Standby Letter of Credit may not be revoked or amended without your prior written approval.

WE HEREBY UNDERTAKE and agree to provide in your favour an irrevocable Standby Letter of Credit in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity, if our customer's Bid is accepted by you. Such Standby Letter of Credit shall be maintained and continue in full force and effect until the expiration of the warranty period. The Standby Letter of Credit shall be in the form specified in the Bid Opportunity.

This credit is subject to the Uniform Customs and Practice for Documentary Credit (1993 Revision), International Chamber of Commerce Publication Number 500.

(Name	e of bank or financial institution)
Per:	(Authorized Circles Officer)
	(Authorized Signing Officer)

Per:

(Authorized Signing Officer)