



ADDENDUM NO. 1 BID OPPORTUNITY NO. 139-2004

2004 Main Street Watermain Renewals (Westside), Storm Relief Works and
Combined Sewer Renewal - Lombard Avenue to Alexander Avenue

URGENT

**PLEASE FORWARD THIS DOCUMENT TO
WHOEVER IS IN POSSESSION OF THE BID
OPPORTUNITY**

ISSUED: March 31, 2004
BY: Colleen Groening /CD
TELEPHONE NO. (204) 986-2491

**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: 20040128

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid Submission non-responsive.

PART A – BID SUBMISSION

Replace: Form B: Prices with the attached Form B: Prices (R1)

PART B – BIDDING PROCEDURES

Revise: B10.2

The Bidder shall be prepared to submit, within three (3) Business Days of a request by the Contract Administrator, proof of satisfactory to the Contract Administrator of the qualifications of the Bidder and of any proposed Subcontractor.

Revise: B11.2.1

Where the bid security provided by the successful Bidder is in the form of a certified cheque or draft pursuant to B11.1(c) it will be deposited and retained by the City as the performance security and no further submission is required.

PART E – SPECIFICATIONS

Delete: E14.3

Add: E13.3

The abandonment of the Allstream manholes will be measurement on a lump sum basis and paid as "Abandonment of Existing Allstream Manholes".

FORM B: PRICES (R1)
 (See B9)

**2004 MAIN STREET WATERMAIN RENEWALS (WESTSIDE), STORM RELIEF WORKS AND
 COMBINED SEWER RENEWAL - LOMBARD AVENUE TO ALEXANDER AVENUE**

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A	Watermain Renewal - Main Street (West Side), Alexander Ave to Lombard Ave.					
A.1	Watermain Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	5		
b)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	35		
c)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	20		
d)	300mm					
i)	trenchless installation, Class B sand bedding, Class 3 Backfill		m	660		
ii)	in a casing pipe (450 mm Steel Encasement pipe)	E:3	m	8		
A.2	Hydrant Assembly	CW 2110				
a)	SD-006		each	6		
A.3	Watermain Valve	CW 2110				
a)	150mm		each	4		
b)	200mm		each	2		
c)	250mm		each	1		
d)	300mm		each	12		
A.4	New Watermain Valve on Existing Watermain	CW 2110				
a)	150mm		each	2		
A.5	Water Services	CW 2110				
a)	25mm					
i)	in a trench, Class B sand bedding, Class 3 Backfill		m	45		
b)	50mm					
i)	in a trench, Class B sand bedding, Class 3 Backfill		m	10		
c)	150mm					

FORM B: PRICES (R1)
 (See B9)

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UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	in a trench, Class B sand bedding, Class 3 Backfill		m	20		
A.6	Corporation Stops	CW 2110				
a)	25mm		each	7		
b)	50mm		each	1		
A.7	Curb Stops	CW 2110				
a)	25mm		each	7		
b)	50mm		each	1		
A.8	Curb Stop Boxes	CW 2110				
a)	25mm		each	7		
b)	50mm		each	1		
A.9	Curb Stops - Replace Existing	CW 2110				
a)	50mm		each	1		
A.10	Curb Stop Boxes - Replace Existing	CW 2110				
a)	50mm		each	1		
A.11	Fittings	CW 2110				
a)	Tees					
i)	300mm X 300mm x 150mm		each	7		
ii)	300mm X 300mm x 200mm		each	5		
iii)	300mm X 300mm x 250mm		each	2		
iv)	300mm X 300mm x 300mm		each	6		
b)	Bends (SD-004)					
i)	250mm - 45° bend		each	3		
ii)	250mm - 90° bend		each	3		
iii)	300mm - 11 1/4° - bend		each	3		
iv)	300mm - 22 1/2° - bend		each	3		
v)	300mm - 45° bend		each	8		
vi)	300mm - 90° bend		each	1		

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UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
c)	Bends (SD-005)					
i)	300mm - 45° bend		each	14		
ii)	200mm - 45° bend		each	4		
iii)	150mm - 45° bend		each	4		
d)	Reducers					
i)	150mm - 100mm		each	3		
ii)	200mm - 150mm		each	1		
A.12	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110				
a)	Inline Connection - Plug Existing					
i)	300mm		each	2		
b)	Inline Connection - No Plug Existing					
i)	150mm		each	1		
ii)	200mm		each	2		
iii)	300mm		each	4		
c)	Perpendicular Connection					
i)	150mm		each	1		
ii)	200mm		each	1		
iii)	250mm		each	1		
iv)	300mm		each	1		
A.13	Connecting Existing Copper Water Services to New Watermains	CW 2110				
a)	25mm		each	3		
b)	38mm		each	3		
c)	50mm		each	3		
A.14	Abandoning Large Diameter Water Services	CW 2110				
a)	100mm		each	1		
b)	150mm		each	3		
A.15	Abandoning Small Diameter Water Services	CW 2110				

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	19mm		each	4		
b)	25mm		each	2		
A.16	Watermain Repair - Up to 3.0 Meters Long	CW 2110				
a)	150mm					
i)	Class 3 Backfill		each	2		
b)	200mm					
i)	Class 3 Backfill		each	2		
c)	250mm					
i)	Class 3 Backfill		each	2		
d)	300mm					
i)	Class 3 Backfill		each	2		
A.17	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Watermains		each	7		
b)	On Water Services		each	8		
A.18	Regrading Existing Sewer Service - Up to 1.5 Meters Long	CW 2110				
a)	150mm					
i)	in a trench, Class B sand bedding, Class 3 Backfill		each	3		
b)	200mm					
i)	in a trench, Class B sand bedding, Class 3 Backfill		each	1		
c)	250mm					
i)	in a trench, Class B sand bedding, Class 3 Backfill		each	1		
A.19	Regrading Existing Sewer Service - Longer than 1.5 Meters	CW 2110				
a)	150mm					
i)	in a trench, Class B sand bedding, Class 3 Backfill		m.	10		
b)	200mm					
i)	in a trench, Class B sand bedding, Class 3 Backfill		m.	3		
c)	250mm					

FORM B: PRICES (R1)
 (See B9)

**2004 MAIN STREET WATERMAIN RENEWALS (WESTSIDE), STORM RELIEF WORKS AND
 COMBINED SEWER RENEWAL - LOMBARD AVENUE TO ALEXANDER AVENUE**

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	in a trench, Class B sand bedding, Class 3 Backfill		m.	3		
A.20	Maintaining Curb Stop Excavations	CW 2110	day	35		
A.21	Repair of Wastewater Sewer Class 3 Backfill, in a trench, Class B sand bedding	CW 2110				
a)	300mm		m	3		
b)	600mm		m	1		
A.22	Abandonment of Existing Allstream Manholes	E:13	each	2		
A.23	Cement-Stabilized Backfill Material	CW 2030	m ³	25		
A.24	Miscellaneous Concrete Slab Removal	CW 3235				
a)	Sidewalk		m ²	125		
A.25	Construction of Temporary Asphalt Patch	CW 3410				
a)	50 mm thick		m ²	350		
b)	100 mm thick		m ²	250		
A.26	Concrete Curb Removal	CW 3240				
a)	Barrier		m	125		
b)	Ramp Curb		m	25		
A.27	Full Depth Partial Slab Patches	CW 2110				
a)	Removal					
i)	150 mm reinforced concrete pavement		m ²	150		
ii)	200 mm reinforced concrete pavement		m ²	700		
A - Watermain Renewal - Main Street (West Side), Alexander Ave to Lombard Ave.- Subtotal						
B	Storm Relief Sewer Installation - Main Street (West Side)					
B.1	Storm Relief Sewer	CW 2130				
a)	250mm (0m to 4m deep)					
i)	Trenchless Installation, Class B sand bedding, Class 3 Backfill		m	230		
b)	300mm (0m to 4m deep)					
i)	Trenchless Installation, Class B sand bedding, Class 3 Backfill		m	225		

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
c)	375mm (0m to 4m deep)					
i)	Trenchless Installation, Class B sand bedding, Class 3 Backfill		m	195		
d)	450mm (0m to 4m deep)					
i)	Trenchless Installation, Class B sand bedding, Class 3 Backfill		m	25		
B.2	Manholes	CW 2130				
a)	SD-010		v.m.	34		
B.3	Catch Basins	CW 2130				
a)	SD-024 - (1200 Deep)		each	9		
B.4	Connect to Existing Manhole	CW 2130				
a)	375mm		each	1		
B.5	Connect to Existing Catchbasin	CW 2130				
a)	250mm		each	4		
b)	300mm		each	2		
B.6	Connect to Existing Sewer	CW 2130				
a)	450mm LDS to 2250mm Conc. SRS		each	1		
b)	250mm LDS to 1050mm Conc. C.S.		each	1		
B.7	Abandoning Existing Sewer Services Under Pavement	CW 2130				
a)	200mm		each	1		
b)	250mm		each	3		
B.8	Sewer Inspection (New Sewers)	CW 2145				
a)	250mm		l.m.	230		
b)	300mm		l.m.	225		
c)	375mm		l.m.	195		
d)	450mm		l.m.	25		
B.9	Concrete Curb Renewal	CW 3240				
a)	Barrier (180mm ht, Dowelled)	SD-205, SD206A				
	b) Greater than 3m and less than or equal to 30 m		m	20		

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UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.10	Slab Replacement - Early Opening (24 hour)	CW 3230				
a)	250 mm Concrete Pavement (Plain-Dowelled)		m ²	268		
B.11	Installation of Pre-Cast Concrete Rings	CW 3210	v.m.	3		
B - Storm Relief Sewer Installation - Main Street (West Side) - Subtotal						
C	Combined Sewer Renewal - Lombard Avenue					
C.1	Combined Sewer Renewal	CW 2130				
a)	300 mm					
i)	trenchless installation, Class 2 sand bedding, Class 3 Backfill		m	35		
C.2	Manholes SD-010	CW 2130	v.m.	4.5		
C.3	Sewer Service Risers	CW 2130				
a)	250mm SD-015		ea.	1		
C.4	Connect to Existing Sewer	CW 2130				
a)	300mm CS to 1350 Conc. CS		ea.	1		
b)	300mm CS to 300 PVC		ea.	1		
C.5	Connecting Existing Service to New Sewer	CW 2130				
a)	100mm		ea.	1		
b)	150mm		ea.	4		
c)	200mm		ea.	1		
d)	250mm		ea.	1		
C.6	Plugging Existing Sewers Smaller than 300mm	CW 2130				
a)	300mm		ea.	2		
C.7	Sewer Inspection (New Sewers)	CW 2145				
a)	300mm		l.m.	35		
C.8	Pavement Removal	CW 3110				
a)	Concrete Pavement		m ²	360		
C.9	Excavation	CW 3110	m ³	326		

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UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.10	Sub-Grade Compaction	CW 3110	m ²	360		
C.11	Crushed Sub-base Material	CW 3110				
a)	50 mm - Limestone		tonne	322		
b)	150 mm - Limestone		tonne	644		
C.12	Supplying and Placing Base Course Material	CW 3110	m ³	32		
C.13	Drilled Dowels	CW 3230				
a)	28.6 mm Diameter		each	125		
C.14	Drilled Tie Bars	CW 3230				
a)	25 M Deformed Tie Bar		each	130		
C.15	Concrete Pavements for Early Opening	CW 3310				
a)	Construction of 250 mm Concrete Pavement for Early Opening 24 hour (Plain-Dowelled)		m ²	75		
b)	Construction of 200 mm Concrete Pavement for Early Opening 24 hour (Plain-Dowelled)		m ²	268		
C.16	Construction of Asphaltic Concrete Overlay	CW 3410				
a)	Tie-ins and Approaches					
i)	Type 1A		tonne	20		
C- Combined Sewer Renewal - Lombard Avenue - Subtotal						
TOTAL BID PRICE (GST extra) (in figures) \$ _____						
(in words) _____						

 Name of Bidder