

**PART A**

**BID SUBMISSION**

**FORM A: BID**  
(See B8)

1. Project Title PROVINCE OF MANITOBA/CITY OF WINNIPEG 2004 RESIDENTIAL STREET RENEWAL PROGRAM

PART 1 – SCOTLAND AVENUE AND VARIOUS OTHER LOCATIONS  
PART 2 – CENTENNIAL STREET AND VARIOUS OTHER LOCATIONS  
PART 3 – COMBINED SEWER RENEWALS (LORETTE AVENUE & SCOTLAND AVENUE)

2. Bidder

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

\_\_\_\_\_  
Street

\_\_\_\_\_  
City Province Postal Code

(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 above name.

3. Contact Person The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.

\_\_\_\_\_  
Contact Person Title

\_\_\_\_\_  
Telephone Number Facsimile Number

4. Definitions All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D3 unless the context otherwise requires.

5. Offer The Bidder hereby offers to perform the Work in accordance with the Contract for the Total Bid Price, in Canadian funds, set out on Form B: Prices, appended hereto.

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 GC:4.

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 Submission.

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 Forty-Five (45) Calendar Days following the Submission Deadline.

12. Signatures

In witness whereof the Bidder or the Bidder's authorized official or officials have signed this

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

Signed and sealed in  
the presence of:

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
(Witness)

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)

SEAL

**FORM B: PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>PART 1 CITY FUNDED WORK</b>						
<b>A</b>	<b><u>SCOTLAND AVENUE - from Wentworth St. to Lilac St. MAJOR REHABILITATION</u></b>					
	<b>EARTH AND BASE WORKS</b>					
A.1	Excavation	CW 3110-R7	m <sup>3</sup>	170		
A.2	Sub-Grade Compaction	CW 3110-R7	m <sup>2</sup>	420		
A.3	Crushed Sub-base Material	CW 3110-R7				
	i) 50 mm - Limestone		tonne	300		
A.4	Supplying and Placing Base Course Material	CW 3110-R7	m <sup>3</sup>	50		
A.5	Grading of Boulevards	CW 3110-R7	m <sup>2</sup>	400		
A.6	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m <sup>2</sup>	420		
	<b>ROADWORKS - REMOVALS/RENEWALS</b>					
A.7	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m <sup>2</sup>	470		
A.8	Slab Replacement	CW 3230-R4				
	i) 150 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	470		
A.9	Partial Slab Patches	CW 3230-R4				
	i) 150 mm Concrete Pavement (Type A)		m <sup>2</sup>	5		
	ii) 150 mm Concrete Pavement (Type B)		m <sup>2</sup>	50		
	iii) 150 mm Concrete Pavement (Type C)		m <sup>2</sup>	10		
	iv) 150 mm Concrete Pavement (Type D)		m <sup>2</sup>	40		
A.10	Drilled Dowels	CW 3230-R4				
	i) 19.1 mm Diameter		each	50		
A.11	Drilled Tie Bars	CW 3230-R4				
	i) 20 M Deformed Tie Bar		each	180		
A.12	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m <sup>2</sup>	5		
	b) Greater than 5 and less than or equal to 20 sq.m.		m <sup>2</sup>	25		
	c) Greater than 20 sq.m.		m <sup>2</sup>	35		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.13	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (125mm ht, Dowelled)	SD-205, SD206A				
	a) 3 m and less		m	3		
	b) Greater than 3m and less than or equal to 30 m		m	20		
	c) Greater than 30 m		m	85		
	ii) Barrier (125mm ht, Separate)	SD-203A				
	a) 3 m and less		m	3		
	b) Greater than 3m and less than or equal to 30 m		m	15		
	c) Greater than 30 m		m	210		
	iii) Modified Barrier (125mm ht, Dowelled)	SD-203B	m	25		
	iv) Ramp Curb (15mm ht)	SD-229E	m	21		
A.14	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	320		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	10		
A.15	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	50		
A.16	<b>JOINT AND CRACK SEALING</b> Reflective Crack Maintenance	CW 3250-R5	m	100		
A.17	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b> Catch Pit	CW 2130-R8				
	i) SD-023		each	4		
A.18	Catch Pit Connection Pipe	CW 2130-R8	m	8		
A.19	Replacing Existing Catch Basin Frames & Covers	CW 2130-R8				
	i) AP-008 - Barrier Curb and Gutter Inlet Frame		each	1		
	ii) AP-009 - Barrier Curb and Gutter Inlet Cover		each	1		
A.20	Connecting to Existing Catch Basin	CW 2130-R8				
	i) 250mm Catch Pit Lead		each	4		
A.21	Abandoning Existing Catch Pit	CW 2130-R8	each	4		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.22	Installation of Subdrains	CW 3120-R1	m	48		
<b>ADJUSTMENTS</b>						
A.23	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	1		
A.24	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	2		
	ii) 51mm		each	2		
A.25	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	1		
A.26	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	3		
A.27	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	1		
<b>LANDSCAPING</b>						
A.28	Sodding	CW 3510-R7				
	i) width < 600mm		m <sup>2</sup>	100		
	ii) width > or = 600mm		m <sup>2</sup>	300		
<b>A</b>	<b><u>SCOTLAND AVENUE - from Wentworth St. to Lilac St. MAJOR REHABILITATION</u></b>				<b>TOTAL:</b>	
<b>B</b>	<b><u>MATHERS AVENUE - from Lindsay St. to Campbell St. CRACK AND SEAT</u></b>					
<b>EARTH AND BASE WORKS</b>						
B.1	Grading of Boulevards	CW 3110-R7	m <sup>2</sup>	1100		
B.2	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m <sup>2</sup>	100		
<b>ROADWORKS - REMOVALS/RENEWALS</b>						
B.3	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m <sup>2</sup>	260		
B.4	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m <sup>2</sup>	5		
	b) Greater than 5 and less than or equal to 20 sq.m.		m <sup>2</sup>	35		
	c) Greater than 20 sq.m.		m <sup>2</sup>	70		
B.5	Concrete Curb Removal	CW 3240-R4				
	i) Barrier Separate		m	15		
B.6	Concrete Curb Installation	CW 3240-R4				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	i) Curb and Gutter (125mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	320		
	ii) Curb and Gutter ( 125mm ht, Modified Barrier, Integral, - 600mm width, 150mm Plain Concrete Pavement)	SD-200 SD-203B	m	36		
	iii) Curb and Gutter ( 40mm ht, Lip Curb, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	33		
B.7	Concrete Curb Renewal	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	36		
	ii) Ramp Curb (15mm ht)	SD-229E	m	15		
B.8	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	540		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	10		
B.9	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	150		
B.10	Moisture Barrier/Stress Absorption Geotextile Fabric	E9	m <sup>2</sup>	1880		
B.11	Pavement Patching	E10	m <sup>2</sup>	450		
B.12	Cracking and Seating Pavement	E8	m <sup>2</sup>	1880		
B.13	Partial Depth Saw-Cutting	E8	m	370		
	<b>JOINT AND CRACK SEALING</b>					
B.14	Longitudinal Joint & Crack Filling ( > 25mm in width )	CW 3250-R5	m	100		
B.15	Reflective Crack Maintenance	CW 3250-R5	m	200		
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
B.16	Catch Basin	CW 2130-R8				
	i) 1200 barrel-SD-024		each	2		
	ii) 1800 barrel-SD-024		each	2		
B.17	Sewer Service	CW 2130-R8				
	i) 250mm					



ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	a) in a Trench, Class B bedding with sand, Class 4 Backfill		m	16		
B.18	Replacing Existing Catch Basin Frames & Covers	CW 2130-R8				
	i) AP-008 - Barrier Curb and Gutter Inlet Frame		each	1		
	ii) AP-009 - Barrier Curb and Gutter Inlet Cover		each	1		
B.19	Connecting new Sewer Service to Existing Sewer Service	CW 2130-R8				
	i) 250mm		each	4		
B.20	Abandoning Existing Catchbasins	CW 2130-R8	each	4		
B.21	Installation of Subdrains	CW 3120-R1	m	48		
	<b>ADJUSTMENTS</b>					
B.22	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	5		
B.23	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	3		
	ii) 51mm		each	5		
B.24	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	1		
B.25	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	4		
B.26	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	1		
	<b>LANDSCAPING</b>					
B.27	Sodding	CW 3510-R7				
	i) width < 600mm		m <sup>2</sup>	200		
	ii) width > or = 600mm		m <sup>2</sup>	900		
<b>B</b>	<b><u>MATHERS AVENUE - from Lindsay St. to Campbell St. CRACK AND SEAT</u></b>				<b>TOTAL:</b>	
<b>C</b>	<b><u>WINDERMERE AVENUE - from Pembina Hwy. to Rockman St. MAJOR REHABILITATION</u></b>					
	<b>EARTH AND BASE WORKS</b>					
C.1	Excavation	CW 3110-R7	m <sup>3</sup>	520		
C.2	Sub-Grade Compaction	CW 3110-R7	m <sup>2</sup>	1300		
C.3	Crushed Sub-base Material	CW 3110-R7				
	i) 50 mm - Limestone		tonne	710		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.4	Supplying and Placing Base Course Material	CW 3110-R7	m <sup>3</sup>	110		
C.5	Asphalt Cuttings Base Course Material	CW 3110-R7	m <sup>3</sup>	20		
C.6	Grading of Boulevards	CW 3110-R7	m <sup>2</sup>	1650		
<b>ROADWORKS - REMOVALS/RENEWALS</b>						
C.7	Pavement Removal	CW 3110-R7				
	i) Asphalt Pavement		m <sup>2</sup>	1300		
C.8	Slab Replacement	CW 3230-R4				
	i) 150 mm Concrete Pavement (Plain)		m <sup>2</sup>	55		
C.9	Miscellaneous Concrete Slab Removal	CW 3235-R4				
	i) Sidewalk		m <sup>2</sup>	442		
C.10	Miscellaneous Concrete Slab Installation	CW 3235-R4				
	i) Sidewalk	SD-228A	m <sup>2</sup>	665		
C.11	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
C.12	Concrete Curb Removal	CW 3240-R4				
	i) Barrier Separate		m	250		
	ii) Ramp Curb		m	15		
C.13	Concrete Curb Installation	CW 3240-R4				
	i) Curb and Gutter (125 mm ht, Barrier, Integral, 600mm width, 150mm Plain)	SD-200	m	250		
	ii) Curb and Gutter ( 125mm ht,	SD-200	m	35		
	iii) Curb and Gutter ( 10mm ht, Ramp Curb, Integral, 600mm width,	SD-200	m	25		
	iv) Ramp Curb (10mm ht, type)	SD-229C	m	7		
C.14	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (150mm ht, Dowelled)	SD-205, SD206A				
	a) 3 m and less		m	6		
	b) Greater than 3m and less than or equal than 30 m		m	9		
	c) Greater than 30 m		m	130		
	ii) Ramp Curb (15mm ht)	SD-229 E	m	7		
C.15	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	480		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.16	ii) Tie-ins and Approaches	CW 3450-R3	tonne	20		
	a) Type IA					
	Planing of Pavement		m <sup>2</sup>	640		
	<b>JOINT AND CRACK SEALING</b>					
C.17	Reflective Crack Maintenance	CW 3250-R5	m	250		
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
C.18	Catch Pit	CW 2130-R8	each	3		
	i) SD-023					
C.19	Catch Pit Connection Pipe	CW 2130-R8	m	6		
C.20	Replacing Existing Catch Basin	CW 2130-R8	each	1		
	i) AP-008 - Barrier Curb and Gutter Inlet Frame					
	ii) AP-009 - Barrier Curb and Gutter Inlet Cover		each	1		
C.21	Connecting to Existing Catch Basin	CW 2130-R8	each	3		
	i) 250mm Catch Pit Lead					
C.22	Abandoning Existing Catchbasins	CW 2130-R8	each	3		
C.23	Installation of Subdrains	CW 3120-R1	m	36		
	<b>ADJUSTMENTS</b>					
C.24	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	3		
C.25	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5	each	2		
	i) 38mm					
	ii) 51mm					
	iii) 64mm					
C.26	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	5		
C.27	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	5		
	<b>LANDSCAPING</b>					
C.28	Sodding	CW 3510-R7	m <sup>2</sup>	300		
	i) width < 600mm					
	ii) width > or = 600mm		m <sup>2</sup>	1350		
	<b>MISCELLANEOUS</b>					

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.29	Removal of Asphalt from Railway Crossing	E11	ea	1		
<b>C</b>	<b><i>WINDERMERE AVENUE - from Pembina Hwy. to Rockman St. MAJOR REHABILITATION</i></b>				<b>TOTAL:</b>	
<b>PART 2 PROVINCIALY FUNDED WORK</b>						
<b>D</b>	<b><i>CENTENNIAL STREET - from Mathers Ave. to Taylor Ave. CRACK AND SEAT</i></b>					
<b>EARTH AND BASE WORKS</b>						
D.1	Supplying and Placing Base Course Material	CW 3110-R7	m <sup>3</sup>	80		
D.2	Grading of Boulevards	CW 3110-R7	m <sup>2</sup>	1600		
D.3	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m <sup>2</sup>	100		
<b>ROADWORKS - REMOVALS/RENEWALS</b>						
D.4	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m <sup>2</sup>	520		
D.5	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m <sup>2</sup>	5		
	b) Greater than 5 and less than or equal to 20 sq.m.		m <sup>2</sup>	40		
	c) Greater than 20 sq.m.		m <sup>2</sup>	220		
D.6	Concrete Curb Installation	CW 3240-R4				
	i) Curb and Gutter (125 mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	740		
	ii) Curb and Gutter ( 125mm ht, Modified Barrier, Integral, - 600mm width, 150mm Plain Concrete Pavement)	SD-200 SD-203B	m	10		
	iii) Curb and Gutter ( 40mm ht, Lip Curb, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	14		
D.7	Concrete Curb Renewal	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	10		
	ii) Ramp Curb (15mm ht)	SD-229 C	m	14		
D.8	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	790		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	10		
D.9	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	150		
D.10	Moisture Barrier/Stress Absorption Geotextile Fabric	E9	m <sup>2</sup>	2850		
D.11	Pavement Patching	E10	m <sup>2</sup>	650		
D.12	Cracking and Seating Pavement	E8	m <sup>2</sup>	2850		
D.13	Partial Depth Saw-Cutting	E8	m	740		
	<b>JOINT AND CRACK SEALING</b>					
D.14	Reflective Crack Maintenance	CW 3250-R5	m	600		
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
D.15	Catch Pit	CW 2130-R8				
	i) SD-023		each	8		
D.16	Catch Pit Connection Pipe	CW 2130-R8	m	20		
D.17	Replacing Existing Catch Basin Frames & Covers	CW 2130-R8				
	i) AP-008 - Barrier Curb and Gutter Inlet Frame		each	1		
	ii) AP-009 - Barrier Curb and Gutter Inlet Cover		each	1		
	iii) AP-010 - Barrier Curb and Gutter Inlet Box		each	1		
D.18	Connecting to Existing Catch Basin	CW 2130-R8				
	i) 250mm Catch Pit Lead		each	8		
D.19	Abandoning Existing Catch Pit	CW 2130-R8	each	6		
D.20	Installation of Subdrains	CW 3120-R1	m	96		
	<b>ADJUSTMENTS</b>					
D.21	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	3		
D.22	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	3		
	ii) 51mm		each	5		
D.23	Abandonment of Existing Catchbasins/Manholes	CW 3210-R5	each	6		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.24	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	1		
D.25	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	6		
D.26	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	2		
D.27	<b>LANDSCAPING</b> Sodding	CW 3510-R7				
	i) width < 600mm		m <sup>2</sup>	300		
	ii) width > or = 600mm		m <sup>2</sup>	1300		
<b>D</b>	<b><u>CENTENNIAL STREET - from Mathers Ave. to Taylor Ave. CRACK AND SEAT</u></b>				<b>TOTAL:</b>	
<b>E</b>	<b><u>DUDLEY AVENUE - from Guelph St. to Harrow St. CRACK AND SEAT</u></b>					
	<b>EARTH AND BASE WORKS</b>					
E.1	Supplying and Placing Base Course Material	CW 3110-R7	m <sup>3</sup>	30		
E.2	Grading of Boulevards	CW 3110-R7	m <sup>2</sup>	400		
E.3	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m <sup>2</sup>	100		
	<b>ROADWORKS - REMOVALS/RENEWALS</b>					
E.4	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m <sup>2</sup>	250		
E.5	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m <sup>2</sup>	5		
	b) Greater than 5 and less than or equal to 20 sq.m.		m <sup>2</sup>	20		
	c) Greater than 20 sq.m.		m <sup>2</sup>	50		
E.6	Concrete Curb Installation	CW 3240-R4				
	i) Curb and Gutter (125 mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	310		
	ii) Curb and Gutter ( 125mm ht, Modified Barrier, Integral, - 600mm width, 150mm Plain Concrete Pavement)	SD-200 SD-203B	m	10		
	iii) Curb and Gutter ( 40mm ht, Lip Curb, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	14		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.7	Concrete Curb Renewal	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	10		
	ii) Ramp Curb (15mm ht, type)	SD-229 E	m	14		
E.8	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	340		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	10		
E.9	Construction of Asphalt Patches	CW 3410-R5	m <sup>2</sup>	300		
E.10	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	150		
E.11	Moisture Barrier/Stress Absorption Geotextile Fabric	E9	m <sup>2</sup>	1230		
E.12	Pavement Repair Fabric	E13	m <sup>2</sup>	300		
E.13	Pavement Patching	E10	m <sup>2</sup>	350		
E.14	Cracking and Sealing Pavement	E8	m <sup>2</sup>	1230		
E.15	Partial Depth Saw-Cutting	E8	m	320		
	<b>JOINT AND CRACK SEALING</b>					
E.16	Reflective Crack Maintenance	CW 3250-R5	m	200		
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
E.17	Catch Pit	CW 2130-R8				
	i) SD-023		each	4		
E.18	Catch Pit Connection Pipe	CW 2130-R8	m	10		
E.19	Replacing Existing Catch Basin Frames & Covers	CW 2130-R8				
	i) AP-008 - Barrier Curb and Gutter Inlet Frame		each	1		
	ii) AP-009 - Barrier Curb and Gutter Inlet Cover		each	1		
E.20	Connecting to Existing Catch Basin	CW 2130-R8				
	i) 250mm Catch Pit Lead		each	4		
E.21	Abandoning Existing Catch Pit	CW 2130-R8	each	6		
E.22	Installation of Subdrains	CW 3120-R1	m	48		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.23	<b>ADJUSTMENTS</b> Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	2		
E.24	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	1		
	ii) 51mm		each	3		
E.25	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	3		
E.26	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	1		
E.27	<b>LANDSCAPING</b> Sodding	CW 3510-R7				
	i) width < 600mm		m <sup>2</sup>	100		
	ii) width > or = 600mm		m <sup>2</sup>	300		
<b>E</b>	<b><u>DUDLEY AVENUE - from Guelph St. to Harrow St. CRACK AND SEAT</u></b>				<b>TOTAL:</b>	
<b>F</b>	<b><u>LORETTE AVENUE - from Harrow St. to Stafford St. RECONSTRUCTION</u></b>					
	<b>EARTH AND BASE WORKS</b>					
F.1	Excavation	CW 3110-R7	m <sup>3</sup>	480		
F.2	Crushed Sub-base Material	CW 3110-R7				
	i) 50 mm - Limestone		tonne	610		
F.3	Supplying and Placing Base Course Material	CW 3110-R7	m <sup>3</sup>	100		
F.4	Grading of Boulevards	CW 3110-R7	m <sup>2</sup>	1350		
F.5	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m <sup>2</sup>	1150		
	<b>ROADWORKS - REMOVALS/RENEWALS</b>					
F.6	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m <sup>2</sup>	1150		
F.7	Slab Replacement	CW 3230-R4				
	i) 150 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	115		
F.8	Drilled Dowels	CW 3230-R4				
	i) 19.1 mm Diameter		each	10		
F.9	Drilled Tie Bars	CW 3230-R4				
	i) 20 M Deformed Tie Bar		each	30		



ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.10	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Greater than 5 and less than or equal to 20 sq.m.		m <sup>2</sup>	10		
	b) Greater than 20 sq.m.		m <sup>2</sup>	480		
F.11	Concrete Curb Renewal	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	10		
	ii) Ramp Curb (15 mm ht)	SD-229 C	m	14		
F.12	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Tie-ins and Approaches					
	a) Type IA		tonne	10		
F.13	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	55		
F.14	<b>ROADWORKS - NEW CONSTRUCTION</b> Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R8				
	i) Construction of 150 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	1150		
F.15	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R8				
	i) Construction of Barrier (180mm ht, Separate)	SD-203A	m	300		
	ii) Construction of Modified Barrier (180mm ht, Dowelled)	SD-203B	m	10		
	iii) Construction of Ramp Curb (15mm ht)	SD-229C	m	14		
F.16	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b> Catch Basin	CW 2130-R8				
	i) SD-024		each	4		
F.17	Sewer Service	CW 2130-R8				
	i) 250mm					
	a) in a Trench, Class B Type 2 bedding, Class 3 Backfill		m	21		
F.18	Replacing Existing Manhole Frames & Covers	CW 2130-R8				
	i) AP-004 - Manhole Frame		each	1		
	ii) AP-005 - Manhole Cover (Solid)		each	1		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.19	Replacing Existing Catch Basin Frames & Covers	CW 2130-R8				
	i) AP-008 - Barrier Curb and Gutter Inlet Frame		each	1		
	ii) AP-009 - Barrier Curb and Gutter Inlet Cover		each	1		
F.20	Installation of Subdrains	CW 3120-R1	m	156		
	<b>ADJUSTMENTS</b>					
F.21	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	2		
F.22	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	1		
F.23	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 51mm		each	2		
F.24	Abandonment of Existing Catchbasins/Manholes	CW 3210-R5	each	6		
F.25	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	1		
F.26	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	12		
F.27	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	5		
	<b>LANDSCAPING</b>					
F.28	Sodding	CW 3510-R7				
	i) width < 600mm		m <sup>2</sup>	250		
	ii) width > or = 600mm		m <sup>2</sup>	1100		
<b>F</b>	<b><u>LORETTE AVENUE - from Harrow St. to Stafford St. RECONSTRUCTION</u></b>				<b>TOTAL:</b>	
<b>PART 3 WATER AND WASTE FUNDED WORK</b>						
<b>G</b>	<b><u>SCOTLAND AVE. (Wentworth Street to Lilac Street) - Combined Sewer Renewal:</u></b>					
G.1	450mm Combined Sewers, PVC SDR-35 or R.C CL IV	CW 2130-R8				
	i) Trenchless Installation, Class B Bedding					
	a) Class 3 Backfill		m	20		
	b) Class 5 Backfill		m	80		
G.2	Manholes	CW 2130-R8				
	i) SD-010 (3 Manholes)					
	a) 1200mm Base		vert. m	15		
G.3	Abandon Existing Manhole	CW 2130-R8	each	1		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.4	Connecting to Existing Manhole	CW 2130-R8	each	1		
G.5	Catch Basins	CW 2130-R8				
i)	SD-024		each	4		
G.6	Removal of Existing Catch Basins	CW 2130-R8	each	4		
G.7	Sewer Service Installation	CW 2130-R8				
i)	150mm					
	a) In a Trench, Class B Sand Bedding, Class 3 Backfill		m	5		
	b) Trenchless Installation, Class B Sand Bedding, Class 5 Backfill		m	20		
ii)	200mm					
	b) Trenchless Installation, Class B Sand Bedding, Class 3 Backfill		m	20		
iii)	250mm					
	a) In a Trench, Class B Sand Bedding, Class 3 Backfill		m	15		
	b) Trenchless Installation, Class B Sand Bedding, Class 3 Backfill		m	15		
G.8	Sewer Repair – Up to 3.0 Metres Long	SD-022A				
a)	450 mm					
i)	Class 3 backfill		each	1		
G.9	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R8				
i)	150 mm		each	3		
ii)	200 mm		each	1		
G.10	Plugging Existing Sewers and Sewer Services Smaller Than 300 mm	CW 2130-R8				
i)	150mm		each	3		
ii)	200mm		each	1		
iii)	250mm		each	4		
G.11	Abandoning Existing Sewers With Cement-Stabilized Flowable Fill	CW 2130-R8	m <sup>3</sup>	14		
G.12	Video Inspection	CW 2130-R8	m	100		
<b><i>G- Combined Sewer Renewal - Scotland Avenue Subtotal</i></b>						
<b>H</b>	<b><i>LORETTE AVE. (Harrow Street to Stafford Street) - Combined Sewer Renewal:</i></b>					
H.1	300mm Combined Sewers, PVC SDR-35 or N.R.C CL 3	CW 2130-R8				
i)	In a trench, Class B bedding , Class 5 Backfill		m.	28		
ii)	Trenchless Installation, Class B Bedding					
	a) Class 3 Backfill		m	5		
	b) Class 5 Backfill		m	53		
H.2	Manholes	CW 2130-R8				
i)	SD-010 (2 Manholes)					

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.3	a) 1200mm Base Remove and Replace Existing Manhole SD-010	CW 2130-R8	vert. m	7		
H.4	i) a) 1200mm Base Abandon Existing Manhole	CW 2130-R8	vert. m each	4 1		
H.5	i) Sewer Service Installation 150mm	CW 2130-R8				
	a) In a Trench, Class B Sand Bedding, Class 3 Backfill		m	18		
	b) Trenchless Installation, Class B Sand Bedding, Class 5 Backfill		m	124		
H.6	Sewer Repair – Up to 3.0 Metres Long	SD-022A				
a) i)	300 mm Class 3 backfill		each	1		
H.7	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R8				
i) ii)	150 mm 300 mm		each each	14 1		
H.8	Connecting to existing sewer	CW 2130-R8				
i)	300 mm Clay CS		each	1		
H.9	Plugging Existing Sewers and Sewer Services Smaller Than 300 mm	CW 2130-R8				
i) ii)	150mm 250mm		each each	14 6		
H.10	Abandoning Existing Sewers With Cement-Stabilized Backfill	CW 2130-R8	m³	6		
H.11	Video Inspection	CW 2130-R8	m	86		

***H- Combined Sewer Renewal - Lorette Avenue Subtotal***

SUMMARY							
<b>PART 1 CITY FUNDED WORK</b>							
<b>A</b>	SCOTLAND AVENUE - from Wentworth St. to Lilac St. MAJOR REHABILITATION					Subtotal:	
<b>B</b>	MATHERS AVENUE - from Lindsay St. to Campbell St. CRACK AND SEAT					Subtotal:	
<b>C</b>	WINDERMERE AVENUE - from Pembina Hwy. to Rockman St. MAJOR REHABILITATION					Subtotal:	
				( PART 1 )	Total:		
<b>PART 2 PROVINCIALLY FUNDED WORK</b>							
<b>D</b>	CENTENNIAL STREET - from Mathers Ave. to Taylor Ave. CRACK AND SEAT					Subtotal:	
<b>E</b>	DUDLEY AVENUE - from Guelph St. to Harrow St. CRACK AND SEAT					Subtotal:	
<b>F</b>	LORETTE AVENUE - from Harrow St. to Stafford St. RECONSTRUCTION					Subtotal:	
				( PART 2 )	Total:		
<b>PART 3 WATER AND WASTE FUNDED WORK (Section G &amp; H)</b>							
<b>G</b>	SCOTLAND AVE. (Wentworth Street to Lilac Street) - Combined Sewer Renewal:					Subtotal:	
<b>H</b>	LORETTE AVE. (Harrow Street to Stafford Street) - Combined Sewer Renewal:					Subtotal:	
				( PART 3 )	Total:		

TOTAL BID PRICE PART 1 + PART 2 + PART 3(GST extra) (in figures) \$

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

**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

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_ for

BID OPPORTUNITY NO. 183-2004

PROVINCE OF MANITOBA/CITY OF WINNIPEG 2004 RESIDENTIAL STREET RENEWAL PROGRAM  
PART 1 – SCOTLAND AVENUE AND VARIOUS OTHER LOCATIONS  
PART 2 – CENTENNIAL STREET AND VARIOUS OTHER LOCATIONS  
PART 3 – COMBINED SEWER RENEWALS (LORETTE AVENUE & SCOTLAND AVENUE)

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)

\_\_\_\_\_  
(Name of Principal)

Per: \_\_\_\_\_ (Seal)

Per: \_\_\_\_\_

\_\_\_\_\_  
(Name of Surety)

By: \_\_\_\_\_ (Seal)  
(Attorney-in-Fact)

**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,

\_\_\_\_\_ of  
(Name of Bidder)

\_\_\_\_\_  
(Place)

the Bidder to you on \_\_\_\_\_, 20\_\_\_\_ for

BID OPPORTUNITY NO. 183-2004

PROVINCE OF MANITOBA/CITY OF WINNIPEG 2004 RESIDENTIAL STREET RENEWAL PROGRAM  
PART 1 – SCOTLAND AVENUE AND VARIOUS OTHER LOCATIONS  
PART 2 – CENTENNIAL STREET AND VARIOUS OTHER LOCATIONS  
PART 3 – COMBINED SEWER RENEWALS (LORETTE AVENUE & SCOTLAND AVENUE)

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 Forty-Five (45) 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: \_\_\_\_\_ (Seal)  
(Attorney-in-Fact)

**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. 183-2004

PROVINCE OF MANITOBA/CITY OF WINNIPEG 2004 RESIDENTIAL STREET RENEWAL PROGRAM  
PART 1 – SCOTLAND AVENUE AND VARIOUS OTHER LOCATIONS  
PART 2 – CENTENNIAL STREET AND VARIOUS OTHER LOCATIONS  
PART 3 – COMBINED SEWER RENEWALS (LORETTE AVENUE & SCOTLAND AVENUE)

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 July 24, 2004.

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)

Per: \_\_\_\_\_  
(Authorized Signing Officer)

Per: \_\_\_\_\_  
(Authorized Signing Officer)