

PART A

BID SUBMISSION

FORM A: BID
(See B7)

1. Project Title PROVINCE OF MANITOBA/CITY OF WINNIPEG 2004 RESIDENTIAL STREET RENEWALS
PART 1 – WHITTIER AVENUE AND VARIOUS OTHER LOCATIONS
PART 2 – HARROWBY AVENUE AND VARIOUS OTHER LOCATIONS

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 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 B10.1, 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 sixty (60) 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 B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 1 CITY FUNDED WORK						
A	<u>WHITTIER AVENUE WEST Hoka St. to Madeline St. - RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R7	m ³	600		
A.2	Sub-Grade Compaction	CW 3110-R7	m ²	2185		
A.3	Crushed Sub-base Material	CW 3110-R7				
	i) 50 mm - Crushed Limestone		tonne	825		
A.4	Supplying and Placing Base Course Material	CW 3110-R7	m ³	185		
A.5	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	2470		
A.6	Grading of Boulevards	CW 3110-R7	m ²	1300		
	ROADWORKS - RENEWALS					
A.7	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m ²	2505		
A.8	Drilled Dowels	CW 3230-R4				
	i) 19.1 mm Diameter		each	10		
A.9	Drilled Tie Bars	CW 3230-R4				
	i) 20 M Deformed Tie Bar		each	180		
A.10	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	b) Greater than 5 and less than or equal to 20 sq.m.		m ²	10		
	c) Greater than 20 sq.m.		m ²	870		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R4	m ²	2		
A.12	Supply of Precast Sidewalk Blocks	CW 3235-R4	m ²	1		
	Concrete Curb Renewal	CW 3240-R4				
	i) Ramp Curb	SD-229C	m	8		
A.13	Regrading Existing Interlocking Paving Stones	CW 3330-R3	m ²	1		
A.14	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Tie-ins and Approaches					
	b) Type IA		tonne	15		
A.15	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	50		
	ii) 50 - 100 mm Depth (Asphalt)		m ²	15		
	ROADWORKS - NEW CONSTRUCTION					
A.16	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R8				
	i) Construction of 150 mm Concrete Pavement (Reinforced)		m ²	2520		
A.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R8				
	i) Construction of Barrier (180mm ht, Separate)	SD-203A	m	488		
	ii) Construction of Lip Curb (40mm ht, Integral)	SD-202B	m	80		
	iv) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	50		
	v) Construction of Ramp Curb	SD-229C	m	30		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.18	JOINT AND CRACK SEALING Reflective Crack Maintenance	CW 3250-R5	m	300		
A.19	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch Basin	CW 2130-R8				
	i) SD-024 with 1800mm barrel		each	3		
	ii) SD-024 with 1200mm barrel		each	3		
A.20	Standard Precast Concrete Manholes	CW 2130-R8				
	i) SD-010		vert m	6.0		
	ii) SD-011 w/1800mm wide base		vert m	4		
A.21	Catch Pit Connection Pipe	CW 2130-R8				
	i) 300mm					
	a) Trenchless Installation, Class B bedding with sand, Class 4 Backfill		m	171		
	b) in a Trench, Class B Type 2 bedding, Class 4 Backfill		m	33		
A.23	Abandonment of Existing Drainage Inlets	CW 3210-R5	each	2		
A.24	Abandoning Existing Catchbasins	CW 2130-R8	each	1		
A.25	Installation of Subdrains	CW 3120-R1	m	275		
A.26	ADJUSTMENTS Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	4		
A.27	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	1		
A.28	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	3		
A.29	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	20		
A.30	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	10		
A.31	LANDSCAPING Sodding	CW 3510-R7				
	i) width > or = 600mm		m ²	1800		
	MISCELLANEOUS					
A	<u>WHITTIER AVENUE WEST Hoka St. to Madeline St. - RECONSTRUCTION</u>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>HANDYSIDE AVENUE - From St Annes Rd to Rue Des Meurons CRACK AND SEAT</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R7	m ³	5		
B.2	Crushed Sub-base Material	CW 3110-R7				
	i) 50 mm - Limestone		tonne	10		
B.3	Supplying and Placing Base Course Material	CW 3110-R7	m ³	5		
B.4	Grading of Boulevards	CW 3110-R7	m ²	725		
	ROADWORKS - RENEWALS					
B.5	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m ²	470		
B.6	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m ²	15		
	b) Greater than 5 and less than or equal to 20 sq.m.		m ²	10		
	c) Greater than 20 sq.m.		m ²	945		
B.7	Adjustment of Precast Sidewalk Blocks	CW 3235-R4	m ²	2		
B.8	Supply of Precast Sidewalk Blocks	CW 3235-R4	m ²	1		
B.9	Concrete Curb Removal	CW 3240-R4				
	i) Barrier		m	15		
B.10	Concrete Curb Installation	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	15		
	ii) Curb and Gutter (125 mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	765		
	iii) Curb and Gutter (40mm ht, Lip Curb, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	26		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.11	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (125mm ht, Dowelled)	SD-205, SD206A				
	a) 3 m and less		m	5		
	b) Greater than 3m and less than 30 m		m	66		
	ii) Ramp Curb	SD-229C	m	28		
B.12	Regrading Existing Interlocking Paving Stones	CW 3330-R3	m ²	10		
B.13	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	800		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	5		
	b) Type II		tonne	20		
B.14	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	100		
B.15	Moisture Barrier/Stress Absorption Geotextile Fabric	E9	m ²	2915		
B.16	Pavement Patching	E10	m ²	300		
B.17	Partial Depth Saw-Cutting	E8	m	300		
B.18	Cracking and Seating Pavement	E8	m ²	2527		
	JOINT AND CRACK SEALING					
B.19	Reflective Crack Maintenance	CW 3250-R5	m	300		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.20	Catch Pit	CW 2130-R8				
	i) SD-023		each	8		
B.21	Catch Pit Connection Pipe	CW 2130-R8	m	20		
B.22	Sewer Service	CW 2130-R8				
	i) 250mm					
	a) in a Trench, Class B bedding with sand, Class 4 Backfill		m	8		
B.23	Abandoning Existing Catchbasins	CW 2130-R8	each	8		
B.24	Replacing Existing Manhole Frames & Covers	CW 2130-R8				
	i) AP-004 - Manhole Frame		each	1		
	ii) AP-005 - Manhole Cover (Solid)		each	1		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
B.25	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	3		
B.26	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	2.3		
B.27	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	1		
	ii) 51mm		each	3		
	iii) 76mm		each	3		
B.28	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	5		
B.29	Installation of Watermain Valve Box Extendible Section Inserts	CW 3210-R5	each	2		
B.30	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	10		
B.31	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	5		
	LANDSCAPING					
B.32	Sodding	CW 3510-R7				
	i) width > or = 600mm		m ²	1200		
	MISCELLANEOUS					
B	<i>HANDYSIDE AVENUE - From St Annes Rd to Rue Des Meurons CRACK AND SEA</i>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>HAVELOCK AVENUE - From St Marys Rd to Neepawa St CRACK AND SEAT</u>					
	EARTH AND BASE WORKS					
C.1	Supplying and Placing Base Course Material	CW 3110-R7	m ³	15		
C.2	Grading of Boulevards	CW 3110-R7	m ²	725		
	ROADWORKS - RENEWALS					
C.3	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m ²	320		
C.4	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m ²	23		
	b) Greater than 5 and less than or equal to 20 sq.m.		m ²	66		
	c) Greater than 20 sq.m.		m ²	140		
C.5	Concrete Curb Removal	CW 3240-R4				
	i) Barrier		m	25		
C.6	Concrete Curb Installation	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	25		
	ii) Curb and Gutter (125 mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	415		
	iii) Curb and Gutter (40mm ht, Lip Curb, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	50		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.7	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (125mm ht, Dowelled)	SD-205, SD206A				
	a) 3 m and less		m	5		
	b) Greater than 3m and less than 30 m		m	10		
	ii) Ramp Curb	SD-229C	m	15		
C.8	Regrading Existing Interlocking Paving Stones	CW 3330-R3	m ²	0.5		
C.9	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	650		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	20		
	b) Type II		tonne	20		
C.10	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	200		
C.11	Moisture Barrier/Stress Absorption Geotextile Fabric	E9	m ²	1800		
C.12	Pavement Patching	E10	m ²	315		
C.13	Partial Depth Saw-Cutting	E8	m	300		
C.14	Cracking and Seating Pavement	E8	m ²	1715		
C.15	JOINT AND CRACK SEALING Reflective Crack Maintenance	CW 3250-R5	m	225		
C.16	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch Basin	CW 2130-R8				
	i) SD-024		each	4		
C.17	Catch Pit	CW 2130-R8				
	i) SD-023		each	4		
C.18	Catch Pit Connection Pipe	CW 2130-R8	m	20		
	a) in a Trench, Class B bedding with sand, Class 4 Backfill					
C.19	ADJUSTMENTS Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	1		
C.20	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	0.3		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.21	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	1		
	ii) 51mm		each	2		
	iii) 76mm		each	2		
C.22	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	3		
C.23	Installation of Watermain Valve Box Extendible Section Inserts	CW 3210-R5	each	1		
C.24	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	5		
C.25	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	2		
C.26	LANDSCAPING Sodding	CW 3510-R7				
	i) width > or = 600mm		m ²	1200		
	MISCELLANEOUS					
C	<u>HAVELOCK AVENUE - From St Marys Rd to Neepawa St CRACK AND SEAT</u>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<u>VICTORIA AVENUE from Bond St to Winona St CRACK AND SEAT</u>					
	EARTH AND BASE WORKS					
D.1	Supplying and Placing Base Course Material	CW 3110-R7	m ³	10		
D.2	Grading of Boulevards	CW 3110-R7	m ²	475		
	ROADWORKS - RENEWALS					
D.3	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m ²	200		
D.4	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m ²	15		
	b) Greater than 5 and less than or equal to 20 sq.m.		m ²	24		
	c) Greater than 20 sq.m.		m ²	25		
D.5	Adjustment of Precast Sidewalk Blocks	CW 3235-R4	m ²	5		
D.6	Supply of Precast Sidewalk Blocks	CW 3235-R4	m ²	1		
D.7	Concrete Curb Removal	CW 3240-R4				
	i) Barrier		m	32		
D.8	Concrete Curb Installation	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	32		
	ii) Curb and Gutter (150 mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	275		
	iii) Curb and Gutter (40mm ht, Lip Curb, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	30		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.9	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (125mm ht, Dowelled)	SD-205, SD206A				
	b) Greater than 3m and less than 30 m		m	30		
	ii) Ramp Curb	SD-229C	m	20		
D.10	Regrading Existing Interlocking Paving Stones	CW 3330-R3	m ²	15		
D.11	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	350		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	12		
	b) Type II		tonne	8		
D.12	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	100		
D.13	Moisture Barrier/Stress Absorption Geotextile Fabric	E9	m ²	1010		
D.14	Pavement Patching	E10	m ²	200		
D.15	Partial Depth Saw-Cutting	E8	m	300		
D.16	Cracking and Seating Pavement	E8	m ²	980		
D.17	JOINT AND CRACK SEALING Reflective Crack Maintenance	CW 3250-R5	m	200		
D.18	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch Basin	CW 2130-R8				
	i) SD-024		each	1		
D.19	Catch Pit	CW 2130-R8				
	i) SD-023		each	1		
D.20	Catch Pit Connection Pipe	CW 2130-R8	m	7		
	a) in a Trench, Class B bedding with sand, Class 4 Backfill					
D.21	Replacing Existing Manhole Frames & Covers	CW 2130-R8				
	i) AP-004 - Manhole Frame		each	1		
	ii) AP-005 - Manhole Cover (Solid)		each	1		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
D.22	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	2		
D.23	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	0.15		
D.24	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	1		
	ii) 51mm		each	2		
	iii) 76mm		each	2		
D.25	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	5		
D.26	Installation of Watermain Valve Box Extendible Section Inserts	CW 3210-R5	each	2		
D.27	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	2		
D.28	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	1		
	LANDSCAPING					
D.29	Sodding	CW 3510-R7				
	i) width > or = 600mm		m ²	700		
	MISCELLANEOUS					
D	<u>VICTORIA AVENUE from Bond St to Winona St CRACK AND SEAT</u>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>ENFIELD CRESCENT from Marion St to Braemar St MAJOR REHABILITATION</u>					
	EARTH AND BASE WORKS					
E.1	Supplying and Placing Base Course Material	CW 3110-R7	m ³	5		
E.2	Grading of Boulevards	CW 3110-R7	m ²	1100		
	ROADWORKS - RENEWALS					
E.3	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m ²	19		
	b) Greater than 5 and less than or equal to 20 sq.m.		m ²	75		
	c) Greater than 20 sq.m.		m ²	348		
E.4	Adjustment of Precast Sidewalk Blocks	CW 3235-R4	m ²	5		
E.5	Supply of Precast Sidewalk Blocks	CW 3235-R4	m ²	2		
E.6	Concrete Curb Removal	CW 3240-R4				
	i) Barrier		m	90		
E.7	Concrete Curb Installation	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	90		
E.8	Concrete Curb Renewal	CW 3240-R4				
	i) Construction of Curb and Gutter (125mm ht, Barrier, Integral, 450mm width, 150mm Plain Concrete Pavement)		m	545		
	ii) Barrier (125mm ht, Dowelled)	SD-205, SD206A				
	b) Greater than 3m and less than 30 m		m	28		
	iii) Ramp Curb	SD-229C	m	20		
E.9	Regrading Existing Interlocking Paving Stones	CW 3330-R3	m ²	5		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.10	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	1250		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	24		
	b) Type II		tonne	5		
E.11	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	325		
E.12	Moisture Barrier/Stress Absorption Geotextile Fabric	E9	m ²	3500		
E.13	Pavement Patching	E10	m ²	675		
	JOINT AND CRACK SEALING					
E.14	Reflective Crack Maintenance	CW 3250-R5	m	500		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
E.15	Catch Basin	CW 2130-R8				
	i) SD-024		each	2		
E.16	Catch Pit	CW 2130-R8				
	i) SD-023		each	4		
E.17	Catch Pit Connection Pipe	CW 2130-R8	m	15		
	a) in a Trench, Class B bedding with sand, Class 4 Backfill					
E.18	Replacing Existing Manhole Frames & Covers	CW 2130-R8				
	i) AP-004 - Manhole Frame		each	1		
	ii) AP-005 - Manhole Cover (Solid)		each	1		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
E.19	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	2		
E.20	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	1		
E.21	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	3		
	ii) 51mm		each	3		
	iii) 76mm		each	3		
E.22	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	4		
E.23	Installation of Watermain Valve Box Extendible Section Inserts	CW 3210-R5	each	2		
E.24	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	15		
E.25	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	10		
	LANDSCAPING					
E.26	Sodding	CW 3510-R7				
	i) width > or = 600mm		m ²	1650		
	MISCELLANEOUS					
E	<u>ENFIELD CRESCENT from Marion St to Braemar St MAJOR REHABILITATION</u>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	<u>RUE DES MEURONS from Morier Av to Vivian Av MAJOR REHABILITATION</u>					
	EARTH AND BASE WORKS					
F.1	Excavation	CW 3110-R7	m ³	5		
F.2	Crushed Sub-base Material	CW 3110-R7				
	i) 50 mm - Limestone		tonne	5		
F.3	Supplying and Placing Base Course Material	CW 3110-R7	m ³	10		
F.4	Grading of Boulevards	CW 3110-R7	m ²	775		
	ROADWORKS - RENEWALS					
F.5	Partial Slab Patches	CW 3230-R4				
	i) 150 mm Concrete Pavement (Type A)		m ²	6		
	ii) 150 mm Concrete Pavement (Type B)		m ²	45		
	iii) 150 mm Concrete Pavement (Type D)		m ²	100		
F.6	Drilled Dowels	CW 3230-R4				
	i) 19.1 mm Diameter		each	45		
F.7	Drilled Tie Bars	CW 3230-R4				
	i) 20 M Deformed Tie Bar		each	125		
F.8	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m ²	23		
	b) Greater than 5 and less than or equal to 20 sq.m.		m ²	100		
	c) Greater than 20 sq.m.		m ²	50		
F.9	Adjustment of Precast Sidewalk Blocks	CW 3235-R4	m ²	3		
F.10	Supply of Precast Sidewalk Blocks	CW 3235-R4	m ²	1		
F.11	Concrete Curb Removal	CW 3240-R4				
	i) Barrier		m	70		
	ii) Lip Curb		m	20		
F.12	Concrete Curb Installation	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	90		
F.13	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (125mm ht, Dowelled)	SD-205, SD206A				
	b) Greater than 3m and less than 30 m		m	20		
	c) Greater than 30 m		m	233		
	ii) Ramp Curb	SD-229C	m	20		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.14	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	685		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	40		
	b) Type II		tonne	10		
F.15	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	200		
	JOINT AND CRACK SEALING					
F.16	Reflective Crack Maintenance	CW 3250-R5	m	200		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
F.17	Replacing Existing Manhole Frames & Covers	CW 2130-R8				
	i) AP-008 - Barrier Curb and Gutter Inlet Frame		each	2		
	ii) AP-009 - Barrier Curb and Gutter Inlet Cover		each	2		
	iii) AP-004 - Manhole Frame		each	1		
	iv) AP-005 - Manhole Cover (Solid)		each	1		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
F.18	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	2		
F.19	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	0.30		
F.20	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	2		
	ii) 51mm		each	3		
	ii) 76mm		each	5		
F.21	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	1		
F.22	Installation of Watermain Valve Box Extendible Section Inserts	CW 3210-R5	each	1		
F.23	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	2		
F.24	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	2		
	LANDSCAPING					
F.25	Sodding	CW 3510-R7				
	i) width > or = 600mm		m ²	1100		
	MISCELLANEOUS					
F	<u>RUE DES MEURONS from Morier Av to Vivian Av MAJOR REHABILITATION</u>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G	<u>RAVELSTON AVENUE EAST from Park Circle to Roanoke St MAJOR REHABILITATION</u>					
	EARTH AND BASE WORKS					
G.1	Supplying and Placing Base Course Material	CW 3110-R7	m ³	10		
G.2	Grading of Boulevards	CW 3110-R7	m ²	450		
	ROADWORKS - RENEWALS					
G.3	Slab Replacement	CW 3230-R4				
	i) 150 mm Concrete Pavement (Reinforced)		m ²	90		
G.4	Partial Slab Patches	CW 3230-R4				
	i) 150 mm Concrete Pavement (Type B)		m ²	10		
	ii) 150 mm Concrete Pavement (Type D)		m ²	10		
G.5	Drilled Dowels	CW 3230-R4				
	i) 19.1 mm Diameter		each	35		
G.6	Drilled Tie Bars	CW 3230-R4				
	i) 20 M Deformed Tie Bar		each	135		
G.7	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m ²	5		
	b) Greater than 5 and less than or equal to 20 sq.m.		m ²	20		
	c) Greater than 20 sq.m.		m ²	190		
G.8	Adjustment of Precast Sidewalk Blocks	CW 3235-R4	m ²	2		
G.9	Supply of Precast Sidewalk Blocks	CW 3235-R4	m ²	1		
G.10	Concrete Curb Removal	CW 3240-R4				
	i) Barrier		m	70		
G.11	Concrete Curb Installation	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	50		
	ii) Ramp Curb	SD-229C	m	20		
G.12	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (125mm ht, Dowelled)	SD-205, SD206A				
	b) Greater than 3m and less than 30 m		m	10		
	c) Greater than 30 m		m	100		
	ii) Ramp Curb	SD-229C	m	5		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.13	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	285		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	5		
G.14	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	75		
G.15	JOINT AND CRACK SEALING Reflective Crack Maintenance	CW 3250-R5	m	125		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ADJUSTMENTS						
G.16	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	1		
	ii) 51mm		each	1		
	iii) 76mm		each	1		
G.17	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	1		
G.18	Installation of Watermain Valve Box Extendible Section Inserts	CW 3210-R5	each	1		
G.19	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	1		
G.20	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	1		
LANDSCAPING						
G.21	Sodding	CW 3510-R7				
	i) width > or = 600mm		m ²	700		
MISCELLANEOUS						
G	<i>RAVELSTON AVENUE EAST from Park Circle to Roanoke St MAJOR REHABILITA</i>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H	<u>WABASHA STREET from Whittier Av E to Horton Av E MAJOR REHABILITATION</u>					
	EARTH AND BASE WORKS					
H.1	Supplying and Placing Base Course Material	CW 3110-R7	m ³	15		
H.2	Grading of Boulevards	CW 3110-R7	m ²	825		
	ROADWORKS - REMOVALS/RENEWALS					
H.3	Slab Replacement	CW 3230-R4				
	i) 150 mm Concrete Pavement (Reinforced)		m ²	500		
H.4	Partial Slab Patches	CW 3230-R4				
	i) 150 mm Concrete Pavement (Type A)		m ²	5		
	ii) 150 mm Concrete Pavement (Type B)		m ²	50		
	iii) 150 mm Concrete Pavement (Type D)		m ²	50		
H.5	Drilled Dowels	CW 3230-R4				
	i) 19.1 mm Diameter		each	100		
H.6	Drilled Tie Bars	CW 3230-R4				
	i) 20 M Deformed Tie Bar		each	300		
H.7	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m ²	20		
	b) Greater than 5 and less than or equal to 20 sq.m.		m ²	90		
	c) Greater than 20 sq.m.		m ²	375		
H.8	Adjustment of Precast Sidewalk Blocks	CW 3235-R4	m ²	2		
H.9	Supply of Precast Sidewalk Blocks	CW 3235-R4	m ²	1		
H.10	Concrete Curb Removal	CW 3240-R4				
	i) Barrier		m	77		
H.11	Concrete Curb Installation	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	45		
	iii) Ramp Curb	SD-229C	m	10		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.12	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (125mm ht, Dowelled)	SD-205, SD206A				
	b) Greater than 3m and less than 30 m		m	10		
	c) Greater than 30 m		m	570		
	ii) Ramp Curb	SD-229C	m	40		
H.13	Regrading Existing Interlocking Paving Stones	CW 3330-R3	m ²	1		
H.14	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	750		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	10		
	b) Type II		tonne	10		
H.15	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	200		
H.16	JOINT AND CRACK SEALING Reflective Crack Maintenance	CW 3250-R5	m	400		
H.17	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch Basin	CW 2130-R8				
	i) SD-024		each	2		
H.18	Catch Pit	CW 2130-R8				
	i) SD-023		each	3		
H.19	Catch Pit Connection Pipe	CW 2130-R8	m	25		
	a) in a Trench, Class B bedding with sand, Class 4 Backfill					
H.20	Abandoning Existing Catchbasins	CW 2130-R8	each	5		
H.21	Replacing Existing Manhole Frames & Covers	CW 2130-R8				
	i) AP-004 - Manhole Frame		each	1		
	ii) AP-005 - Manhole Cover (Solid)		each	1		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
H.22	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	4		
H.23	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	0.30		
H.24	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	1		
	ii) 51mm		each	4		
	iii) 76mm		each	3		
H.25	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	4		
H.26	Installation of Watermain Valve Box Extendible Section Inserts	CW 3210-R5	each	1		
	LANDSCAPING					
H.27	Sodding	CW 3510-R7				
	i) width > or = 600mm		m ²	1150		
	MISCELLANEOUS					
H	<i>WABASHA STREET from Whittier Av E to Horton Av E MAJOR REHABILITATION</i>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2 PROVINCIALY FUNDED WORK (See D2)						
I	<u>HARROWBY AVENUE - From St Marys Rd to Rue Des Meurons CRACK AND SEAT</u>					
	EARTH AND BASE WORKS					
I.1	Supplying and Placing Base Course Material	CW 3110-R7	m ³	8		
I.2	Grading of Boulevards	CW 3110-R7	m ²	625		
	ROADWORKS - RENEWALS					
I.3	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m ²	355		
I.4	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m ²	15		
	b) Greater than 5 and less than or equal to 20 sq.m.		m ²	75		
	c) Greater than 20 sq.m.		m ²	250		
I.5	Adjustment of Precast Sidewalk Blocks	CW 3235-R4	m ²	2		
I.6	Supply of Precast Sidewalk Blocks	CW 3235-R4	m ²	1		
I.7	Concrete Curb Removal	CW 3240-R4				
	i) Barrier		m	20		
I.8	Concrete Curb Installation	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	20		
	ii) Curb and Gutter (125 mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	580		
	iii) Curb and Gutter (40mm ht, Lip Curb, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	10		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I.9	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (125mm ht, Dowelled)	SD-205, SD206A				
	a) 3 m and less		m	5		
	b) Greater than 3m and less than 30 m		m	70		
	ii) Ramp Curb	SD-229C	m	28		
I.10	Regrading Existing Interlocking Paving Stones	CW 3330-R3	m ²	1		
I.11	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	800		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	8		
	b) Type II		tonne	5		
I.12	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	300		
I.13	Moisture Barrier/Stress Absorption Geotextile Fabric	E9	m ²	2625		
I.14	Pavement Patching	E10	m ²	450		
I.15	Partial Depth Saw-Cutting	E8	m	400		
I.16	Cracking and Seating Pavement	E8	m ²	1950		
	JOINT AND CRACK SEALING					
I.17	Reflective Crack Maintenance	CW 3250-R5	m	450		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
I.18	Catch Pit	CW 2130-R8				
	i) SD-023		each	6		
I.19	Sewer Service	CW 2130-R8				
	i) 250mm					
	a) in a Trench, Class B bedding with sand, Class 4 Backfill		m	30		
I20	Abandoning Existing Catchbasins	CW 2130-R8	each	6		
I21	Replacing Existing Manhole Frames & Covers	CW 2130-R8				
	i) AP-004 - Manhole Frame		each	1		
	ii) AP-005 - Manhole Cover (Solid)		each	1		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
I.22	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	3		
I.23	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	0.45		
I.24	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	1		
	ii) 51mm		each	3		
	iii) 76mm		each	3		
I.25	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	5		
I.26	Installation of Watermain Valve Box Extendible Section Inserts	CW 3210-R5	each	2		
I.27	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	10		
I.28	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	5		
	LANDSCAPING					
I.29	Sodding	CW 3510-R7				
	i) width > or = 600mm		m ²	1100		
	MISCELLANEOUS					
I	HARROWBY AVENUE - From St Marys Rd to Rue Des Meurons CRACK AND SEA				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J	<u>OAKLEIGH AVENUE - From St Marys Rd to St Annes Rd. CRACK AND SEAT</u>					
	EARTH AND BASE WORKS					
J.1	Supplying and Placing Base Course Material	CW 3110-R7	m ³	5		
J.2	Grading of Boulevards	CW 3110-R7	m ²	675		
	ROADWORKS - RENEWALS					
J.3	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m ²	300		
J.4	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m ²	45		
	b) Greater than 5 and less than or equal to 20 sq.m.		m ²	100		
	c) Greater than 20 sq.m.		m ²	45		
J.5	Adjustment of Precast Sidewalk Blocks	CW 3235-R4	m ²	2		
J.6	Supply of Precast Sidewalk Blocks	CW 3235-R4	m ²	1		
J.7	Concrete Curb Removal	CW 3240-R4				
	i) Barrier		m	26		
J.8	Concrete Curb Installation	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	26		
	ii) Curb and Gutter (125 mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	370		
	iii) Curb and Gutter (40mm ht, Lip Curb, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	121		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J.9	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (125mm ht, Dowelled)	SD-205, SD206A				
	a) 3 m and less		m	10		
	b) Greater than 3m and less than 30 m		m	12		
	ii) Ramp Curb	SD-229C	m	30		
J.10	Regrading Existing Interlocking Paving Stones	CW 3330-R3	m ²	2		
J.11	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	500		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	8		
	b) Type II		tonne	40		
J.12	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	100		
J.13	Moisture Barrier/Stress Absorption Geotextile Fabric	E9	m ²	1935		
J.14	Pavement Patching	E10	m ²	175		
J.15	Partial Depth Saw-Cutting	E8	m	300		
J.16	Cracking and Seating Pavement	E8	m ²	1935		
J.17	JOINT AND CRACK SEALING Reflective Crack Maintenance	CW 3250-R5	m	200		
J.18	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch Basin	CW 2130-R8				
	i) SD-024		each	1		
J.19	Catch Pit	CW 2130-R8				
	i) SD-023		each	3		
J.20	Catch Pit Connection Pipe	CW 2130-R8	m	35		
	a) in a Trench, Class B bedding with sand, Class 4 Backfill					

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
J.21	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	2		
J.22	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	0.15		
J.23	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	1		
	ii) 51mm		each	2		
	iii) 76mm		each	3		
J.24	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	5		
J.25	Installation of Watermain Valve Box Extendible Section Inserts	CW 3210-R5	each	1		
J.26	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	3		
J.27	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	3		
	LANDSCAPING					
J.28	Sodding	CW 3510-R7				
	i) width > or = 600mm		m ²	1000		
	MISCELLANEOUS					
J	<u>OAKLEIGH AVENUE - From St Marys Rd to St Annes Rd. CRACK AND SEAT</u>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K	<u>MELROSE AVENUE EAST from Day St to Kanata St CRACK AND SEAT</u>					
	EARTH AND BASE WORKS					
K.1	Grading of Boulevards	CW 3110-R7	m ²	750		
	ROADWORKS - RENEWALS					
K.2	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m ²	170		
K.3	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m ²	8		
	b) Greater than 5 and less than or equal to 20 sq.m.		m ²	15		
	c) Greater than 20 sq.m.		m ²	25		
K.4	Adjustment of Precast Sidewalk Blocks	CW 3235-R4	m ²	2		
K.5	Supply of Precast Sidewalk Blocks	CW 3235-R4	m ²	1		
K.6	Concrete Curb Removal	CW 3240-R4				
	i) Barrier		m	40		
K.7	Concrete Curb Installation	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	40		
	ii) Curb and Gutter (125 mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	285		
K.8	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (125mm ht, Dowelled)	SD-205, SD206A				
	b) Greater than 3m and less than 30 m		m	10		
	ii) Ramp Curb	SD-229C	m	20		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K.9	Regrading Existing Interlocking Paving Stones	CW 3330-R3	m ²	2		
K.10	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	325		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	8		
K.11	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	100		
K.12	Moisture Barrier/Stress Absorption Geotextile Fabric	E9	m ²	890		
K.13	Pavement Patching	E10	m ²	175		
K.14	Partial Depth Saw-Cutting	E8	m	200		
K.15	Cracking and Seating Pavement	E8	m ²	890		
	JOINT AND CRACK SEALING					
K.16	Reflective Crack Maintenance	CW 3250-R5	m	200		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
K.17	Catch Basin	CW 2130-R8				
	i) SD-024		each	1		
K.18	Catch Pit	CW 2130-R8				
	i) SD-023		each	1		
K.19	Catch Pit Connection Pipe	CW 2130-R8	m	7		
	a) in a Trench, Class B bedding with sand, Class 4 Backfill					
K.20	Replacing Existing Manhole Frames & Covers	CW 2130-R8				
	i) AP-004 - Manhole Frame		each	1		
	ii) AP-005 - Manhole Cover (Solid)		each	1		
	ADJUSTMENTS					
K.21	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	1		
K.22	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	0.15		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K.23	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	1		
	ii) 51mm		each	1		
	iii) 76mm		each	1		
K.24	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	3		
K.25	Installation of Watermain Valve Box Extendible Section Inserts	CW 3210-R5	each	1		
K.26	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	8		
K.27	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	5		
	LANDSCAPING					
K.28	Sodding	CW 3510-R7				
	i) width > or = 600mm		m ²	1000		
	MISCELLANEOUS					
K	<u>MELROSE AVENUE EAST from Day St to Kanata St CRACK AND SEAT</u>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
L	<u>ROANOKE STREET from Ravelston Av E to Harvard Av E MAJOR REHABILITATION</u>					
	EARTH AND BASE WORKS					
L.1	Excavation	CW 3110-R7	m ³	10		
L.2	Supplying and Placing Base Course Material	CW 3110-R7	m ³	6		
L.3	Grading of Boulevards	CW 3110-R7	m ²	775		
	ROADWORKS - RENEWALS					
L.4	Slab Replacement	CW 3230-R4				
	i) 150 mm Concrete Pavement (Reinforced)		m ²	215		
L.5	Partial Slab Patches	CW 3230-R4				
	i) 150 mm Concrete Pavement (Type A)		m ²	10		
	ii) 150 mm Concrete Pavement (Type B)		m ²	18		
	iii) 150 mm Concrete Pavement (Type D)		m ²	30		
L.6	Drilled Dowels	CW 3230-R4				
	i) 19.1 mm Diameter		each	80		
L.7	Drilled Tie Bars	CW 3230-R4				
	i) 20 M Deformed Tie Bar		each	200		
L.8	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m ²	30		
	b) Greater than 5 and less than or equal to 20 sq.m.		m ²	45		
	c) Greater than 20 sq.m.		m ²	115		
L.9	Adjustment of Precast Sidewalk Blocks	CW 3235-R4	m ²	5		
L.10	Supply of Precast Sidewalk Blocks	CW 3235-R4	m ²	5		
L.11	Concrete Curb Removal	CW 3240-R4				
	i) Barrier		m	80		
L.12	Concrete Curb Installation	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	75		
	ii) Ramp Curb	SD-229C	m	6		
L.13	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (125mm ht, Dowelled)	SD-205, SD206A				
	b) Greater than 3m and less than 30 m		m	15		
	c) Greater than 30 m		m	275		
	ii) Ramp Curb	SD-229C	m	15		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
L.14	Regrading Existing Interlocking Paving Stones	CW 3330-R3	m ²	5		
L.15	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	500		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	12		
	b) Type II		tonne	5		
L.16	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	100		
	JOINT AND CRACK SEALING					
L.17	Reflective Crack Maintenance	CW 3250-R5	m	300		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
L.18	Catch Basin	CW 2130-R8				
	i) SD-024		each	3		
L.19	Catch Pit	CW 2130-R8				
	i) SD-023		each	3		
L.20	Catch Pit Connection Pipe	CW 2130-R8	m	30		
	a) in a Trench, Class B bedding with sand, Class 4 Backfill					
L.21	Replacing Existing Manhole Frames & Covers	CW 2130-R8				
	i) AP-004 - Manhole Frame		each	1		
	ii) AP-005 - Manhole Cover (Solid)		each	1		
L.22	Abandonment of Existing Drainage Inlets	CW 3210-R5	each	1		
	ADJUSTMENTS					
L.23	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	1		
L.24	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	0.30		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
L.25	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	1		
	ii) 51mm		each	2		
	iii) 76mm		each	2		
L.26	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	3		
L.27	Installation of Watermain Valve Box Extendible Section Inserts	CW 3210-R5	each	1		
L.28	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	2		
L.29	LANDSCAPING Sodding	CW 3510-R7				
	i) width > or = 600mm		m ²	1000		
	MISCELLANEOUS					
L	ROANOKE STREET from Ravelston Av E to Harvard Av E MAJOR REHABILITATION				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
M	<u>WINONA STREET from Kildare Av W to Horton Av E MAJOR REHABILITATION</u>					
	EARTH AND BASE WORKS					
M.1	Supplying and Placing Base Course Material	CW 3110-R7	m ³	8		
M.2	Grading of Boulevards	CW 3110-R7	m ²	900		
	ROADWORKS - RENEWALS					
M.3	Partial Slab Patches	CW 3230-R4				
	i) 150 mm Concrete Pavement (Type A)		m ²	8		
	ii) 150 mm Concrete Pavement (Type B)		m ²	175		
	iii) 150 mm Concrete Pavement (Type D)		m ²	145		
M.4	Drilled Dowels	CW 3230-R4				
	i) 19.1 mm Diameter		each	100		
M.5	Drilled Tie Bars	CW 3230-R4				
	i) 20 M Deformed Tie Bar		each	300		
M.6	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m ²	30		
	b) Greater than 5 and less than or equal to 20 sq.m.		m ²	100		
	c) Greater than 20 sq.m.		m ²	225		
M.7	Adjustment of Precast Sidewalk Blocks	CW 3235-R4	m ²	1		
M.8	Supply of Precast Sidewalk Blocks	CW 3235-R4	m ²	1		
M.9	Concrete Curb Removal	CW 3240-R4				
	i) Barrier		m	91		
M.10	Concrete Curb Installation	CW 3240-R4				
	i) Modified Barrier (150mm ht, Dowelled)	SD-203B	m	91		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
M.11	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (125mm ht, Dowelled)	SD-205, SD206A				
	b) Greater than 3m and less than 30 m		m	20		
	c) Greater than 30 m		m	325		
	ii) Ramp Curb	SD-229C	m	75		
	iii) Modified Barrier (125mm ht, Dowelled)	SD-203B	m	40		
M.12	Regrading Existing Interlocking Paving Stones	CW 3330-R3	m ²	2		
M.13	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Main Line Paving					
	a) Type IA		tonne	550		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	75		
	b) Type II		tonne	45		
M.14	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	400		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
M.15	JOINT AND CRACK SEALING Reflective Crack Maintenance	CW 3250-R5	m	400		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
M.16	Catch Basin	CW 2130-R8				
	i) SD-024		each	3		
M.17	Catch Pit	CW 2130-R8				
	i) SD-023		each	3		
M.18	Catch Pit Connection Pipe a) in a Trench, Class B bedding with sand, Class 4 Backfill	CW 2130-R8	m	30		
E.16	Abandoning Existing Catchbasins	CW 2130-R8	each	6		
M.19	Replacing Existing Manhole Frames & Covers	CW 2130-R8				
	i) AP-004 - Manhole Frame		each	1		
	ii) AP-005 - Manhole Cover (Solid)		each	1		
	ADJUSTMENTS					
M.20	Adjustment of Existing Catchbasins / Manholes	CW 3210-R5	each	2		
M.21	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	0.30		
M.22	Installation of Cast Iron Lifter Ring Inserts	CW 3210-R5				
	i) 38mm		each	1		
	ii) 51mm		each	2		
	iii) 76mm		each	2		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
M.23	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	4		
M.24	Installation of Watermain Valve Box Extendible Section Inserts	CW 3210-R5	each	2		
M.25	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	5		
M.29	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	1		
M.26	LANDSCAPING Sodding	CW 3510-R7				
	i) width > or = 600mm		m ²	1200		
	MISCELLANEOUS					
M	<u>WINONA STREET from Kildare Av W to Horton Av E MAJOR REHABILITATION</u>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
PART 1 CITY FUNDED WORK						
A	<u>WHITTIER AVENUE WEST Hoka St. to Madeline St. - RECONSTRUCTION</u>				Subtotal:	
B	<u>HANDYSIDE AVENUE - From St Annes Rd to Rue Des Meurons CRACK AND SEAT</u>				Subtotal:	
C	<u>HAVELOCK AVENUE - From St Marys Rd to Neepawa St CRACK AND SEAT</u>				Subtotal:	
D	<u>VICTORIA AVENUE from Bond St to Winona St CRACK AND SEAT</u>				Subtotal:	
E	<u>ENFIELD CRESCENT from Marion St to Braemar St MAJOR REHABILITATION</u>				Subtotal:	
F	<u>RUE DES MEURONS from Morier Av to Vivian Av MAJOR REHABILITATION</u>				Subtotal:	
G	<u>RAVELSTON AVENUE EAST from Park Circle to Roanoke St MAJOR REHABILITATION</u>				Subtotal:	
H	<u>WABASHA STREET from Whittier Av E to Horton Av E MAJOR REHABILITATION</u>				Subtotal:	
				(PART 1)	Subtotal:	
PART 2 PROVINCIAALLY FUNDED WORK (See D2)						
I	<u>HARROWBY AVENUE - From St Marys Rd to Rue Des Meurons CRACK AND SEAT</u>				Subtotal:	
J	<u>OAKLEIGH AVENUE - From St Marys Rd to St Annes Rd. CRACK AND SEAT</u>				Subtotal:	
K	<u>MELROSE AVENUE EAST from Day St to Kanata St CRACK AND SEAT</u>				Subtotal:	
L	<u>ROANOKE STREET from Ravelston Av E to Harvard Av E MAJOR REHABILITATION</u>				Subtotal:	
M	<u>WINONA STREET from Kildare Av W to Horton Av E MAJOR REHABILITATION</u>				Subtotal:	
				(PART 2)	Subtotal:	
					TOTAL:	
TOTAL BID PRICE (GST extra) (in figures) \$ _____ (in words) _____ _____						

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2)
(See B10)

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. 80-2004

PROVINCE OF MANITOBA/CITY OF WINNIPEG 2004 RESIDENTIAL STREET RENEWALS
PART 1 – WHITTIER AVENUE AND VARIOUS OTHER LOCATIONS
PART 2 – HARROWBY AVENUE AND VARIOUS OTHER LOCATIONS

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 B10)

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. 80-2004

PROVINCE OF MANITOBA/CITY OF WINNIPEG 2004 RESIDENTIAL STREET RENEWALS
PART 1 – WHITTIER AVENUE AND VARIOUS OTHER LOCATIONS
PART 2 – HARROWBY AVENUE AND VARIOUS OTHER LOCATIONS

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)

By: _____ (Seal)
(Attorney-in-Fact)

**FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING
(BID SECURITY) (Page 1 of 2)
(See B10)**

(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. 80-2004

PROVINCE OF MANITOBA/CITY OF WINNIPEG 2004 RESIDENTIAL STREET RENEWALS
PART 1 – WHITTIER AVENUE AND VARIOUS OTHER LOCATIONS
PART 2 – HARROWBY AVENUE AND VARIOUS OTHER LOCATIONS

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 B10)

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 June 7, 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)