

**FORM A: BID**  
(See B7)

1. Contract Title 2010 ACTIVE TRANSPORTATION – INFRASTRUCTURE STIMULUS PROGRAM: RIVER HEIGHTS AND FORT ROUGE

2. Bidder

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

\_\_\_\_\_  
Street

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

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

(Mailing address if different)

\_\_\_\_\_  
Street or P.O. Box

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

The Bidder is:

(Choose one)

a sole proprietor

a partnership

a corporation

carrying on business under the 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.

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 C4.

8. Commencement of the Work

The Bidder agrees that no Work shall commence until he is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.

9. Contract

The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.

10. Addenda

The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No.	_____	Dated	_____
	_____		_____
	_____		_____

11. Time

This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.

12. Signatures

The Bidder or the Bidder's authorized official or officials have signed this

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

Signature of Bidder or  
Bidder's Authorized Official or Officials

\_\_\_\_\_

(Print here name and official capacity of individual whose signature appears above)

\_\_\_\_\_

(Print here name and official capacity of individual whose signature appears above)

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>A FLEET AVENUE/WARSAW AVENUE - Raised Crosswalk, Parking Lanes, Curb Extensions, and Traffic Calming Circles</b>						
<b>EARTH AND BASE WORKS</b>						
A.1	Grading of Boulevards	CW 3110-R12	m <sup>2</sup>	1,350		
A.2	Imported Fill Material	CW 3110-R12	m <sup>3</sup>	270		
<b>ROADWORKS - RENEWALS</b>						
A.3	Pavement Removal	CW 3110-R12				
	i) Concrete Pavement		m <sup>2</sup>	780		
A.4	Partial Slab Patches	CW 3230-R6				
	i) 200 mm Concrete Pavement (Type A)		m <sup>2</sup>	15		
	ii) 200 mm Concrete Pavement (Type B)		m <sup>2</sup>	15		
	iii) 200 mm Concrete Pavement (Type C)		m <sup>2</sup>	20		
	iv) 200 mm Concrete Pavement (Type D)		m <sup>2</sup>	30		
A.5	Drilled Dowels	CW 3230-R6				
	i) 19.1 mm Diameter		each	35		
A.6	Drilled Tie Bars	CW 3230-R6				
	i) 20 M Deformed Tie Bar		each	255		
A.7	Miscellaneous Concrete Slab Removal	CW 3235-R7				
	i) Sidewalk		m <sup>2</sup>	285		
A.8	Miscellaneous Concrete Slab Installation	CW 3235-R7				
	i) Sidewalk	SD-228A	m <sup>2</sup>	465		
A.9	Concrete Curb Removal	CW 3240-R8				
	i) Barrier, Separate		m	580		
	ii) Curb Ramp		m	140		
A.10	Concrete Curb Installation	CW 3240-R8				
	i) Barrier (150 mm ht, Dowelled)	SD-205	m	370		
	ii) Modified Barrier (150 mm ht, Dowelled)	SD-203B	m	275		
	iii) Curb Ramp (10-15mm ht, Monolithic)	SD-229A,B,C	m	155		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ROADWORKS - RENEWALS</b> (Cont'd.)					
A.11	Concrete Curb Renewal	CW 3240-R8				
	i) Barrier (150 mm ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	30		
	ii) Modified Barrier (150 mm ht, Dowelled)	SD-203B	m	50		
	iii) Curb Ramp (10-15mm ht, Monolithic)	SD-229C,D	m	25		
A.12	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Tie-ins and Approaches					
a)	Type IA		tonne	330		
A.13	Planing of Pavement	CW 3450-R5				
	i) 0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	1,170		
	ii) 50 - 100 mm Depth (Asphalt)		m <sup>2</sup>	1,000		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
A.14	Interlocking Paving Stones	CW 3335-R1	m <sup>2</sup>	25		
A.15	Lean Concrete Base	CW 3335-R1	m <sup>2</sup>	25		
A.16	Traffic Calming Circles	E16				
	i) 4 m Diameter		each	6		
A.17	Concrete Ramps for Raised Crosswalk	E17	m	20		
A.18	Concrete Crosswalk for Raised Intersection	E18	m	30		
A.19	Detectable Warning Surface Tiles	E14	each	10		
	<b>JOINT AND CRACK SEALING</b>					
A.20	Reflective Crack Maintenance	CW 3250-R7	m	680		
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
A.21	Catch Basin	CW 2130-R11				
	i) SD-024, 1800 mm deep		each	1		
A.22	Catch Pit	CW 2130-R11				
	i) SD-023		each	2		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd.)</b>					
A.23	Sewer Service	CW 2130-R11				
	i) 250 mm, PVC					
	a) In a Trench, Class B, Type 3 Bedding, Class 3 Backfill		m	2		
	b) Trenchless Installation, Class B Type 3 Bedding, Class 3 Backfill		m	5		
A.24	Drainage Connection Pipe	CW 2130-R11	m	15		
A.25	Replacing Standard Frames & Covers	CW 2130-R11				
	i) AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
	ii) AP-005 - Standard Solid Cover for Standard Frame		each	1		
A.26	Connecting to Existing Catch Basin	CW 2130-R11				
	i) 250 mm Drainage Connection Pipe		each	2		
A.27	Connecting to Existing Sewer	CW 2130-R11				
	i) 250 mm, PVC, Sewer Service connecting pipe					
	a) Connecting to 1250 mm Sewer		each	1		
	<b>ADJUSTMENTS</b>					
A.28	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	8		
A.29	Replacing Existing Risers	CW 2130-R11				
	i) Pre-cast Concrete Risers		vert. m	3		
A.30	Lifter Rings	CW 3210-R7				
	i) 51mm		each	3		
	<b>LANDSCAPING</b>					
A.31	Sodding	CW 3510-R9				
	i) width < 600mm		m <sup>2</sup>	120		
	ii) width > or = 600mm		m <sup>2</sup>	1,230		
A.32	Planting Soil (500mm Depth)	E30	m <sup>2</sup>	45		
A.33	Mulch (100mm depth)	E30	m <sup>2</sup>	45		
A.34	Potentilla (Potentilla fruticosa)	E29, E32	each	48		
A.35	General Plant Material and Planting Bed Maintenance	E31	LS	1		
<b>A</b>	<b>FLEET AVENUE/WARSAW AVENUE - Raised Crosswalk, Parking Lanes, Curb Extensions, and Traffic Calming Circles</b>				<i>Sub-Total:</i>	

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>B FLEET AVENUE/WARSAW AVENUE - Multi-Use Path</b>						
<b>EARTH AND BASE WORKS</b>						
B.1	Excavation	CW 3110-R12	m <sup>3</sup>	610		
B.2	Sub-Grade Compaction	CW 3110-R12	m <sup>2</sup>	2,200		
B.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	760		
B.4	Supplying and Placing Base Course Material	CW 3110-R12, E13	m <sup>3</sup>	110		
B.5	Grading of Boulevards	CW 3110-R12	m <sup>2</sup>	1,910		
B.6	Separation Geotextile Fabric	CW 3130-R2	m <sup>2</sup>	2,200		
B.7	Imported Fill Material	CW 3110-R12	m <sup>3</sup>	1,440		
<b>ROADWORKS - RENEWALS</b>						
B.8	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	12		
B.9	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m <sup>2</sup>	240		
B.10	Miscellaneous Concrete Slab Installation	CW 3235-R7				
i)	Sidewalk	SD-228A	m <sup>2</sup>	10		
B.11	Concrete Curb Removal	CW 3240-R8				
i)	Barrier, Separate		m	10		
ii)	Curb Ramp		m	140		
B.12	Concrete Curb Installation	CW 3240-R8				
i)	Curb Ramp (10-15mm ht, Monolithic)	SD-229A,B,C	m	20		
B.13	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	32		
B.14	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	255		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>ROADWORKS - RENEWALS</b> (Cont'd.)						
B.15	Remove and Relocate Private Light Standard	E23	each	1		
B.16	Remove and Relocate Parking Fence	E22	m	46		
<b>ROADWORKS - NEW CONSTRUCTION</b>						
B.17	Construction of Asphaltic Concrete Pavements	CW 3410-R8				
	i) Main Line Paving					
	a) Type IA		tonne	340		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	20		
B.18	Supply and Install Wooden Bollards	E15	each	2		
<b>JOINT AND CRACK SEALING</b>						
B.19	Reflective Crack Maintenance	CW 3250-R7	m	120		
<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>						
B.20	Corrugated Steel Pipe - Supply	CW 3610-R3				
	i) 450mm, 1.6mm		m	3		
B.21	Corrugated Steel Pipe - Install	CW 3610-R3				
	i) 450mm, 1.6mm		m	3		
B.22	Supply and Installation of CSP Bar Screen	E21				
	i) 450mm		each	1		
B.23	Connections to Existing Culverts	CW 3610-R3	each	1		
<b>LANDSCAPING</b>						
B.24	Sodding	CW 3510-R9				
	i) width < 600mm		m <sup>2</sup>	410		
	ii) width > or = 600mm		m <sup>2</sup>	1,500		
<b>B FLEET AVENUE/WARSAW AVENUE - Multi-Use Path</b>					<u>Sub-Total:</u>	



**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>C GROVENSOR AVENUE - Curb Extensions, Multi-Use Path, Parking Lane and Traffic Calming Circles</b>						
<b>EARTH AND BASE WORKS</b>						
C.1	Excavation	CW 3110-R12	m <sup>3</sup>	50		
C.2	Sub-Grade Compaction	CW 3110-R12	m <sup>2</sup>	180		
C.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	45		
C.4	Supplying and Placing Base Course Material	CW 3110-R12, E13	m <sup>3</sup>	10		
C.5	Grading of Boulevards	CW 3110-R12	m <sup>2</sup>	1,240		
C.6	Separation Geotextile Fabric	CW 3130-R2	m <sup>2</sup>	120		
C.7	Imported Fill Material	CW 3110-R12	m <sup>3</sup>	220		
<b>ROADWORKS - RENEWALS</b>						
C.8	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m <sup>2</sup>	560		
C.9	Partial Slab Patches	CW 3230-R6				
i)	200 mm Concrete Pavement (Type A)		m <sup>2</sup>	15		
ii)	200 mm Concrete Pavement (Type B)		m <sup>2</sup>	15		
iii)	200 mm Concrete Pavement (Type C)		m <sup>2</sup>	20		
iv)	200 mm Concrete Pavement (Type D)		m <sup>2</sup>	20		
C.10	Drilled Dowels	CW 3230-R6				
i)	19.1 mm Diameter		each	25		
C.11	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	230		
C.12	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m <sup>2</sup>	270		
C.13	Miscellaneous Concrete Slab Installation	CW 3235-R7				
i)	Sidewalk	SD-228A	m <sup>2</sup>	375		
C.14	Removal of Precast Sidewalk Blocks	CW 3235-R7	m <sup>2</sup>	25		

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ROADWORKS - RENEWALS</b> (Cont'd.)					
C.15	Concrete Curb Removal	CW 3240-R8				
	i) Barrier, Separate		m	500		
	ii) Curb Ramp		m	140		
C.16	Concrete Curb Installation	CW 3240-R8				
	i) Barrier (150 mm ht, Dowelled)	SD-205	m	350		
	ii) Modified Barrier (150 mm ht, Dowelled)	SD-203B	m	170		
	iii) Curb Ramp (10-15mm ht, Monolithic)	SD-229A,B,C	m	145		
C.17	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Tie-ins and Approaches					
	a) Type IA		tonne	165		
C.18	Planing of Pavement	CW 3450-R5				
	i) 0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	620		
	ii) 50 - 100 mm Depth (Asphalt)		m <sup>2</sup>	650		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
C.19	100mm Concrete Sidewalk	CW 3325-R3	m <sup>2</sup>	50		
C.20	Interlocking Paving Stones	CW 3330-R5 E33				
	i) Blue Holland Pavers		m <sup>2</sup>	15		
C.21	Construction of Asphaltic Concrete Pavements	CW 3410-R8				
	i) Main Line Paving					
	a) Type IA		tonne	20		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	5		
C.22	Traffic Calming Circles	E16				
	i) 5 m Diameter		each	5		
C.23	Supply and Install Wooden Bollards	E15	each	4		
C.24	Remove and Dispose of Hazard Barrier Fence	E11	LS	1		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>JOINT AND CRACK SEALING</b>					
C.25	Reflective Crack Maintenance	CW 3250-R7	m	310		
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
C.26	Catch Pit	CW 2130-R11				
i)	SD-023		each	1		
C.27	Drainage Connection Pipe	CW 2130-R11	m	3		
C.28	Replacing Standard Frames & Covers	CW 2130-R11				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	1		
C.29	Connecting to Existing Catch Basin	CW 2130-R11				
i)	250 mm Drainage Connection Pipe		each	1		
C.30	Removal of Existing Catch Pit	CW 2130-R11, E19	each	1		
C.31	Relocation of Existing Catch Basins	CW 2130-R11	each	1		
C.32	Abandoning Existing Drainage Inlets	CW 2130-R11, E19	each	2		
	<b>ADJUSTMENTS</b>					
C.33	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	9		
C.34	Replacing Existing Risers	CW 2130-R11				
i)	Pre-cast Concrete Risers		vert. m	2		
C.35	Lifter Rings	CW 3210-R7				
i)	51mm		each	3		
	<b>LANDSCAPING</b>					
C.36	Sodding	CW 3510-R9				
i)	width < 600mm		m <sup>2</sup>	120		
ii)	width > or = 600mm		m <sup>2</sup>	1,070		
C.37	Planting Soil (500mm Depth)	E30	m <sup>2</sup>	60		
C.38	Mulch (100mm depth)	E30	m <sup>2</sup>	60		
C.39	Potentilla (Potentilla fruticosa)	E29	each	90		
C.40	General Plant Material and Planting Bed Maintenance	E31, E32	LS	1		
<b>C</b>	<b>GROVENSOR AVENUE - Curb Extensions, Multi-Use Path, Parking Lane and Traffic Calming Circles</b>				Sub-Total:	

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>D HARROW STREET - Parking Lane, Curb Extensions, Intersection Realignment, and Sidewalk</b>						
<b>EARTH AND BASE WORKS</b>						
D.1	Excavation	CW 3110-R12	m <sup>3</sup>	975		
D.2	Sub-Grade Compaction	CW 3110-R12	m <sup>2</sup>	1,880		
D.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	980		
D.4	Supplying and Placing Base Course Material	CW 3110-R12, E13	m <sup>3</sup>	122		
D.5	Grading of Boulevards	CW 3110-R12	m <sup>2</sup>	2,720		
D.6	Separation Geotextile Fabric	CW 3130-R2	m <sup>2</sup>	1,315		
D.7	Imported Fill Material	CW 3110-R12	m <sup>3</sup>	272		
D.8	Removal of Existing Concrete Bases	CW 3110-R12				
i)	600mm Diameter or Less		each	4		
<b>ROADWORKS - RENEWALS</b>						
D.9	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m <sup>2</sup>	1,248		
D.10	Drilled Dowels	CW 3230-R6				
i)	19.1 mm Diameter		each	10		
D.11	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	540		
D.12	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m <sup>2</sup>	245		
D.13	Miscellaneous Concrete Slab Installation	CW 3235-R7				
i)	Sidewalk	SD-228A	m <sup>2</sup>	38		
D.14	Adjustment of Precast Sidewalk Blocks	CW 3235-R7	m <sup>2</sup>	15		
D.15	Concrete Curb Removal	CW 3240-R8				
i)	Barrier, Separate		m	606		
ii)	Curb Ramp		m	35		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ROADWORKS - RENEWALS</b> (Cont'd.)					
D.16	Concrete Curb Installation	CW 3240-R8				
	i) Barrier (150 mm ht, Dowelled)	SD-205	m	135		
	ii) Barrier (150 mm ht, Integral)	SD-204	m	334		
	iii) Barrier (180 mm ht, Integral)	SD-204	m	60		
	iv) Modified Barrier (150 mm ht, Dowelled)	SD-203B	m	75		
	v) Curb Ramp (10-15mm ht, Monolithic)	SD-229A,B,C	m	55		
D.17	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	4		
D.18	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Main Line Paving					
	a) Type IA		tonne	253		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	96		
D.19	Planing of Pavement	CW 3450-R5				
	i) 0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	1,090		
	ii) 50 - 100 mm Depth (Asphalt)		m <sup>2</sup>	1,070		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
D.20	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R14				
	i) Construction of 200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	983		
D.21	Concrete Pavements for Early Opening	CW 3310-R14				
	i) Construction of 200 mm Concrete Pavement for Early Opening 72 hr (Reinforced)		m <sup>2</sup>	150		
D.22	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R14				
	i) Construction of Barrier (150 mm ht, Dowelled)	SD-205	m	65		
	ii) Construction of Barrier (150 mm ht, Separate)	SD-203A	m	75		
	iii) Construction of Modified Barrier (150 mm ht, Dowelled)	SD-203B	m	10		
	iv) Construction of Curb Ramp (10-15mm ht, Monolithic)	SD-229C	m	20		
D.23	100mm Concrete Sidewalk	CW 3325-R3	m <sup>2</sup>	700		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ROADWORKS - NEW CONSTRUCTION (Cont'd.)</b>					
D.24	Construction of Asphaltic Concrete Pavements	CW 3410-R8				
	i) Main Line Paving					
	a) Type IA		tonne	45		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	5		
D.25	Detectable Warning Surface Tiles	E14	each	4		
	<b>JOINT AND CRACK SEALING</b>					
D.26	Reflective Crack Maintenance	CW 3250-R7	m	360		
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
D.27	Catch Basin	CW 2130-R11				
	i) SD-024, 1200 mm deep		each	1		
D.28	Sewer Service	CW 2130-R11				
	i) 250 mm, PVC					
	a) In a Trench, Class B, Type 3 Bedding, Class 3 Backfill		m	4		
D.29	Replacing Standard Frames & Covers	CW 2130-R11				
	i) AP-004 - Standard Frame for Manhole and Catch Basin		each	2		
	ii) AP-005 - Standard Solid Cover for Standard Frame		each	2		
D.30	Connecting to Existing Sewer	CW 2130-R11				
	i) 250 mm, PVC, Sewer Service connecting pipe					
	a) Connecting to 1250 mm Sewer		each	1		
D.31	Removal of Existing Catch Basins	CW 2130-R11, E19	each	1		
D.32	Abandoning Existing Drainage Inlets	CW 2130-R11, E19	each	4		
	<b>ADJUSTMENTS</b>					
D.33	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	8		
D.34	Replacing Existing Risers	CW 2130-R11				
	i) Pre-cast Concrete Risers		vert. m	2		

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ADJUSTMENTS</b> (Cont'd.)					
D.35	Lifter Rings	CW 3210-R7				
	i) 51mm		each	7		
D.36	Adjustment of Valve Boxes	CW 3210-R7	each	2		
D.37	Adjustment of Curb Stop Boxes	CW 3210-R7	each	1		
D.38	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	2		
	<b>LANDSCAPING</b>					
D.39	Sodding	CW 3510-R9				
	i) width < 600mm		m <sup>2</sup>	145		
	ii) width > or = 600mm		m <sup>2</sup>	2,570		
D.40	Removal of Trees	E12	each	1		
<b>D</b>	<b><i>HARROW STREET - Parking Lane, Curb Extensions, Intersection Realignment, and Sidewalk</i></b>				Sub-Total:	

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>E HARROW STREET - Harrow and Academy North Side Closure</b>						
<b>EARTH AND BASE WORKS</b>						
E.1	Excavation	CW 3110-R12	m <sup>3</sup>	13		
E.2	Sub-Grade Compaction	CW 3110-R12	m <sup>2</sup>	94		
E.3	Grading of Boulevards	CW 3110-R12	m <sup>2</sup>	115		
E.4	Imported Fill Material	CW 3110-R12	m <sup>3</sup>	35		
<b>ROADWORKS - RENEWALS</b>						
E.5	Pavement Removal	CW 3110-R12				
	i) Concrete Pavement		m <sup>2</sup>	95		
E.6	Drilled Tie Bars	CW 3230-R6				
	i) 20 M Deformed Tie Bar		each	12		
E.7	Miscellaneous Concrete Slab Removal	CW 3235-R7				
	i) Sidewalk		m <sup>2</sup>	30		
E.8	Concrete Curb Removal	CW 3240-R8				
	i) Barrier, Separate		m	60		
	ii) Curb Ramp		m	3		
E.9	Concrete Curb Installation	CW 3240-R8				
	i) Barrier (150 mm ht, Dowelled)	SD-205	m	71		
	ii) Curb Ramp (10-15mm ht, Monolithic)	SD-229A,B,C	m	11		
E.10	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Main Line Paving					
	a) Type IA		tonne	20		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	15		
E.11	Planing of Pavement	CW 3450-R5				
	i) 0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	145		
	ii) 50 - 100 mm Depth (Asphalt)		m <sup>2</sup>	140		



**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>ROADWORKS - NEW CONSTRUCTION</b>						
E.12	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R14				
i)	Construction of Concrete Safety Medians	SD-226B	m <sup>2</sup>	15		
E.13	100mm Concrete Sidewalk	CW 3325-R3	m <sup>2</sup>	75		
E.14	Construction of Asphaltic Concrete Pavements	CW 3410-R8				
E.15	Detectable Warning Surface Tiles	E14	each	4		
<b>JOINT AND CRACK SEALING</b>						
E.16	Reflective Crack Maintenance	CW 3250-R7	m	20		
<b>ADJUSTMENTS</b>						
E.17	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1		
E.18	Lifter Rings	CW 3210-R7				
i)	51mm		each	1		
E.19	Adjustment of Valve Boxes	CW 3210-R7	each	1		
<b>LANDSCAPING</b>						
E.20	Sodding	CW 3510-R9				
i)	width < 600mm		m <sup>2</sup>	5		
ii)	width > or = 600mm		m <sup>2</sup>	110		
E.21	Planting Soil (500mm Depth)	E30	m <sup>2</sup>	65		
E.22	Mulch (100mm depth)	E30	m <sup>2</sup>	65		
E.23	Heavy Duty Black Plastic Edger	E30	m	70		
E.24	Japanese Tree Lilac (Syringa reticulata) - 50 mm Caliper	E29	each	1		
E.25	Cotoneaster (Cotoneaster lucidus) - 750mm ht.	E29	each	8		
E.26	Miss Kim Lilac (Syringa patula 'Miss Kim') - 600mm ht.	E29	each	7		
E.27	Abbotswood Potentilla (Potentilla fruticosa 'Abbotswood') - 450 mm ht.	E29	each	45		
E.28	General Plant Material and Planting Bed Maintenance	E31, E32	LS	1		
<b>E</b>	<b>HARROW STREET - Harrow and Academy North Side Closure</b>				Sub-Total:	

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>F NASSAU STREET - Parking Lane, Sidewalk, One-way Conversions and Traffic Calming Circles</b>						
<b>EARTH AND BASE WORKS</b>						
F.1	Excavation	CW 3110-R12	m <sup>3</sup>	97		
F.2	Sub-Grade Compaction	CW 3110-R12	m <sup>2</sup>	340		
F.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	50		
F.4	Supplying and Placing Base Course Material	CW 3110-R12, E13	m <sup>3</sup>	7		
F.5	Grading of Boulevards	CW 3110-R12	m <sup>2</sup>	990		
F.6	Separation Geotextile Fabric	CW 3130-R2	m <sup>2</sup>	80		
F.7	Imported Fill Material	CW 3110-R12	m <sup>3</sup>	80		
<b>ROADWORKS - RENEWALS</b>						
F.8	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m <sup>2</sup>	320		
F.9	Partial Slab Patches	CW 3230-R6				
i)	200 mm Concrete Pavement (Type A)		m <sup>2</sup>	15		
ii)	200 mm Concrete Pavement (Type B)		m <sup>2</sup>	15		
iii)	200 mm Concrete Pavement (Type C)		m <sup>2</sup>	20		
iv)	200 mm Concrete Pavement (Type D)		m <sup>2</sup>	20		
F.10	Drilled Dowels	CW 3230-R6				
i)	19.1 mm Diameter		each	24		
F.11	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	130		
F.12	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m <sup>2</sup>	220		
F.13	Miscellaneous Concrete Slab Installation	CW 3235-R7				
i)	Sidewalk	SD-228A	m <sup>2</sup>	200		

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ROADWORKS - RENEWALS</b> (Cont'd.)					
F.14	Miscellaneous Concrete Slab Renewal	CW 3235-R7				
	i) Sidewalk	SD-228A				
	a) Less than 5 sq.m.		m <sup>2</sup>	20		
F.15	Concrete Curb Removal	CW 3240-R8				
	i) Barrier, Separate		m	256		
	ii) Curb Ramp		m	60		
F.16	Concrete Curb Installation	CW 3240-R8				
	i) Barrier (150 mm ht, Dowelled)	SD-205	m	150		
	ii) Barrier (150 mm ht, Integral)	SD-204	m	30		
	iii) Modified Barrier (150 mm ht, Dowelled)	SD-203B	m	50		
	iv) Modified Barrier (150 mm ht, Integral)	SD-203B	m	15		
	v) Curb Ramp (10-15mm ht, Monolithic)	SD-229A,B,C	m	55		
F.17	Concrete Curb Renewal	CW 3240-R8				
	i) Barrier (150 mm ht, Dowelled)	SD-205, SD-206A				
	a) Less than 3 m		m	5		
F.18	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	20		
F.19	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Main Line Paving					
	a) Type IA		tonne	70		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	40		
F.20	Planing of Pavement	CW 3450-R5				
	i) 0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	600		
	ii) 50 - 100 mm Depth (Asphalt)		m <sup>2</sup>	600		
F.21	Removal and Reconstruction of Steel Railing at 55 Nassau Street	E24	LS	1		

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>ROADWORKS - NEW CONSTRUCTION</b>						
F.22	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R14				
	i) Construction of 200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	65		
	ii) Construction of Monolithic Concrete Median Slabs	SD-226A	m <sup>2</sup>	20		
	iii) Construction of Monolithic Concrete Bull-noses	SD-227C	m <sup>2</sup>	1		
F.23	100mm Concrete Sidewalk	CW 3325-R3	m <sup>2</sup>	290		
F.24	Interlocking Paving Stones	CW 3335-R1	m <sup>2</sup>	10		
F.25	Lean Concrete Base	CW 3335-R1	m <sup>2</sup>	10		
F.26	Traffic Calming Circles	E16				
	i) 4 m Diameter		each	4		
F.27	Bike Lane Median	E28	m	10		
F.28	Detectable Warning Surface Tiles	E14	each	8		
<b>JOINT AND CRACK SEALING</b>						
F.29	Reflective Crack Maintenance	CW 3250-R7	m	200		
<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>						
F.30	Catch Basin	CW 2130-R11				
	i) SD-024, 1800 mm deep		each	2		
F.31	Sewer Service	CW 2130-R11				
	i) 250 mm, PVC					
	a) In a Trench, Class B, Bedding with sand, Class 3 Backfill		m	5		
	b) Trenchless Installation, Class B Bedding with sand, Class 3 Backfill		m	11		
F.32	Replacing Standard Frames & Covers	CW 2130-R11				
	i) AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
	ii) AP-005 - Standard Solid Cover for Standard Frame		each	1		
F.33	Connecting to Existing Sewer	CW 2130-R11				
	i) 250 mm, PVC, Sewer Service connecting pipe					
	a) Connecting to 300mm Combined Sewer		each	1		
	b) Connecting to 1250 mm Land Drainage Sewer		each	1		

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ADJUSTMENTS</b>					
F.34	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	5		
F.35	Replacing Existing Risers	CW 2130-R11				
	i) Pre-cast Concrete Risers		vert. m	1		
F.36	Lifter Rings	CW 3210-R7				
	ii) 51mm		each	5		
F.37	Adjustment of Valve Boxes	CW 3210-R7	each	2		
F.38	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
	<b>LANDSCAPING</b>					
F.39	Sodding	CW 3510-R9				
	i) width < 600mm		m <sup>2</sup>	120		
	ii) width > or = 600mm		m <sup>2</sup>	865		
F.40	Planting Soil (500mm Depth)	E30	m <sup>2</sup>	30		
F.41	Mulch (100mm depth)	E30	m <sup>2</sup>	30		
F.42	Potentilla (Potentilla fruticosa)	E29	each	32		
F.43	General Plant Material and Planting Bed Maintenance	E31, E32	LS	1		
<b>F</b>	<b>NASSAU STREET - Parking Lane, Sidewalk, One-way Conversions and Traffic Calming Circles</b>				Sub-Total:	

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>G NASSAU STREET - Sidewalk on Roslyn</b>						
<b>EARTH AND BASE WORKS</b>						
G.1	Excavation	CW 3110-R12	m <sup>3</sup>	35		
G.2	Sub-Grade Compaction	CW 3110-R12	m <sup>2</sup>	228		
G.3	Grading of Boulevards	CW 3110-R12	m <sup>2</sup>	145		
i)	600mm Diameter or Less		each	3		
<b>ROADWORKS - RENEWALS</b>						
G.4	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	6		
G.5	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m <sup>2</sup>	2		
G.6	Concrete Curb Removal	CW 3240-R8				
i)	Barrier, Separate		m	5		
ii)	Curb Ramp		m	5		
G.7	Concrete Curb Installation	CW 3240-R8				
i)	Curb Ramp (10-15mm ht, Monolithic)	SD-229A,B,C	m	5		
G.8	Concrete Curb Renewal	CW 3240-R8				
i)	Barrier (150 mm ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	5		
G.9	Removal of Concrete Fence	E25	m	10		
<b>ROADWORKS - NEW CONSTRUCTION</b>						
G.10	100mm Concrete Sidewalk	CW 3325-R3	m <sup>2</sup>	190		
<b>ADJUSTMENTS</b>						
G.11	Type A Relocation of Hydrant	CW 2110-R10 E26	each	1		
<b>LANDSCAPING</b>						
G.12	Sodding	CW 3510-R9				
i)	width < 600mm		m <sup>2</sup>	15		
ii)	width > or = 600mm		m <sup>2</sup>	130		
<b>G NASSAU STREET - Sidewalk on Roslyn</b>					Sub-Total:	

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>H NASSAU STREET - One-way Conversion on Warsaw from Nassau to Pembina</b>						
<b>EARTH AND BASE WORKS</b>						
H.1	Excavation	CW 3110-R12	m <sup>3</sup>	10		
H.2	Sub-Grade Compaction	CW 3110-R12	m <sup>2</sup>	10		
H.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	10		
H.4	Supplying and Placing Base Course Material	CW 3110-R12, E13	m <sup>3</sup>	1		
H.5	Grading of Boulevards	CW 3110-R12	m <sup>2</sup>	80		
H.6	Separation Geotextile Fabric	CW 3130-R2	m <sup>2</sup>	10		
H.7	Imported Fill Material	CW 3110-R12	m <sup>3</sup>	30		
<b>ROADWORKS - RENEWALS</b>						
H.8	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m <sup>2</sup>	80		
H.9	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	24		
H.10	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m <sup>2</sup>	30		
H.11	Miscellaneous Concrete Slab Installation	CW 3235-R7				
i)	Sidewalk	SD-228A	m <sup>2</sup>	65		
H.12	Concrete Curb Removal	CW 3240-R8				
i)	Barrier, Separate		m	30		
ii)	Curb Ramp		m	15		
H.13	Concrete Curb Installation	CW 3240-R8				
i)	Barrier (150 mm ht, Dowelled)	SD-205	m	35		
ii)	Barrier (150 mm ht, Integral)	SD-204	m	10		
iii)	Curb Ramp (10-15mm ht, Monolithic)	SD-229A,B,C	m	15		

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>ROADWORKS - RENEWALS</b> (Cont'd.)						
H.14	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Main Line Paving					
	a) Type IA		tonne	30		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	5		
H.15	Planing of Pavement	CW 3450-R5				
	i) 0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	160		
	ii) 50 - 100 mm Depth (Asphalt)		m <sup>2</sup>	100		
<b>ROADWORKS - NEW CONSTRUCTION</b>						
H.16	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R14				
	i) Construction of 200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	10		
<b>JOINT AND CRACK SEALING</b>						
H.17	Reflective Crack Maintenance	CW 3250-R7	m	50		
<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>						
H.18	Replacing Standard Frames & Covers	CW 2130-R11				
	i) AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
	ii) AP-005 - Standard Solid Cover for Standard Frame		each	1		
H.19	Abandoning Existing Drainage Inlets	CW 2130-R11, E19	each	1		
<b>ADJUSTMENTS</b>						
H.20	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
H.21	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	1		
<b>LANDSCAPING</b>						
H.22	Sodding	CW 3510-R9				
	i) width < 600mm		m <sup>2</sup>	10		
	ii) width > or = 600mm		m <sup>2</sup>	70		
<b>H</b>	<b>NASSAU STREET - One-way Conversion on Warsaw from Nassau to Pembina</b>				Sub-Total:	



**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>I HAY STREET - Traffic Calming Circles and Contra-flow Bike Lane</b>						
<b>EARTH AND BASE WORKS</b>						
I.1	Excavation	CW 3110-R12	m <sup>3</sup>	50		
I.2	Sub-Grade Compaction	CW 3110-R12	m <sup>2</sup>	75		
I.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	50		
I.4	Supplying and Placing Base Course Material	CW 3110-R12, E13	m <sup>3</sup>	10		
I.5	Grading of Boulevards	CW 3110-R12	m <sup>2</sup>	160		
I.6	Separation Geotextile Fabric	CW 3130-R2	m <sup>2</sup>	75		
I.7	Imported Fill Material	CW 3110-R12	m <sup>3</sup>	20		
<b>ROADWORKS - RENEWALS</b>						
I.8	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m <sup>2</sup>	50		
I.9	Partial Slab Patches	CW 3230-R6				
i)	200 mm Concrete Pavement (Type A)		m <sup>2</sup>	15		
ii)	200 mm Concrete Pavement (Type B)		m <sup>2</sup>	15		
iii)	200 mm Concrete Pavement (Type C)		m <sup>2</sup>	20		
iv)	200 mm Concrete Pavement (Type D)		m <sup>2</sup>	20		
I.10	Drilled Dowels	CW 3230-R6				
i)	19.1 mm Diameter		each	25		
I.11	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	130		
I.12	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m <sup>2</sup>	10		
I.13	Miscellaneous Concrete Slab Installation	CW 3235-R7				
i)	Sidewalk	SD-228A	m <sup>2</sup>	20		

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ROADWORKS - RENEWALS</b> (Cont'd.)					
I.14	Concrete Curb Removal	CW 3240-R8				
	i) Barrier, Separate		m	80		
	ii) Curb Ramp		m	10		
I.15	Concrete Curb Installation	CW 3240-R8				
	i) Barrier (150 mm ht, Dowelled)	SD-205	m	25		
	ii) Barrier (150 mm ht, Integral)	SD-204	m	65		
	iii) Modified Barrier (150 mm ht, Dowelled)	SD-203B	m	25		
	iv) Curb Ramp (10-15mm ht, Monolithic)	SD-229A,B,C	m	8		
I.16	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Tie-ins and Approaches					
	a) Type IA		tonne	20		
I.17	Planing of Pavement	CW 3450-R5				
	i) 0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	100		
	ii) 50 - 100 mm Depth (Asphalt)		m <sup>2</sup>	40		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
I.18	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R14				
	i) Construction of 200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	50		
	ii) Construction of Monolithic Concrete Bull-noses	SD-227C	m <sup>2</sup>	1		
I.19	Bike Lane Median	E28	m	15		
I.20	Traffic Calming Circles	E16				
	i) 5 m Diameter		each	5		
	<b>JOINT AND CRACK SEALING</b>					
I.21	Reflective Crack Maintenance	CW 3250-R7	m	80		
	<b>ADJUSTMENTS</b>					
I.22	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	6		
I.23	Replacing Existing Risers	CW 2130-R11				
	i) Pre-cast Concrete Risers		vert. m	3		

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>LANDSCAPING</b>					
I.24	Sodding	CW 3510-R9				
	i) width < 600mm		m <sup>2</sup>	20		
	ii) width > or = 600mm		m <sup>2</sup>	155		
I.25	Planting Soil (500mm Depth)	E30	m <sup>2</sup>	60		
I.26	Mulch (100mm depth)	E30	m <sup>2</sup>	60		
I.27	Potentilla (Potentilla fruticosa)	E29	each	90		
I.28	General Plant Material and Planting Bed Maintenance	E31, E32	LS	1		
<b>I</b>	<b>HAY STREET - Traffic Calming Circles and Contra-flow Bike Lane</b>				Sub-Total:	

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>J JUBILEE AVENUE - Multi-Use Path</b>						
<b>EARTH AND BASE WORKS</b>						
J.1	Excavation	CW 3110-R12	m <sup>3</sup>	585		
J.2	Sub-Grade Compaction	CW 3110-R12	m <sup>2</sup>	3,100		
J.3	Supplying and Placing Base Course Material	CW 3110-R12, E13	m <sup>3</sup>	340		
J.4	Grading of Boulevards	CW 3110-R12	m <sup>2</sup>	1,000		
J.5	Removal of Existing Concrete Bases	CW 3110-R12				
	i) 600mm Diameter or Less		each	24		
<b>ROADWORKS - RENEWALS</b>						
J.6	Pavement Removal	CW 3110-R12				
	i) Concrete Pavement		m <sup>2</sup>	650		
	ii) Asphalt Pavement		m <sup>2</sup>	185		
J.7	Drilled Dowels	CW 3230-R6				
	i) 19.1 mm Diameter		each	20		
J.8	Drilled Tie Bars	CW 3230-R6				
	i) 20 M Deformed Tie Bar		each	390		
J.9	Miscellaneous Concrete Slab Removal	CW 3235-R7				
	i) Sidewalk		m <sup>2</sup>	1,500		
J.10	Miscellaneous Concrete Slab Renewal	CW 3235-R7				
	i) Sidewalk	SD-228A				
	a) Less than 5 sq.m.		m <sup>2</sup>	15		
	b) 5 sq.m. to 20 sq.m.		m <sup>2</sup>	65		
J.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R7	m <sup>2</sup>	5		
J.12	Supply of Precast Sidewalk Blocks	CW 3235-R7	m <sup>2</sup>	10		
J.13	Removal of Precast Sidewalk Blocks	CW 3235-R7	m <sup>2</sup>	10		
J.14	Concrete Curb Removal	CW 3240-R8				
	i) Barrier, Seperate		m	300		
	ii) Curb Ramp		m	25		

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ROADWORKS - RENEWALS</b> (Cont'd.)					
J.15	Concrete Curb Installation	CW 3240-R8				
	i) Barrier ( 150 mm ht, Dowelled)	SD-205	m	3		
J.16	Concrete Curb Renewal	CW 3240-R8				
	i) Barrier (150mm ht, Separate, Slip Form Paving)	SD-203A				
	a) 3 m to 30 m		m	130		
	b) Greater than 30 m		m	220		
	ii) Curb Ramp (10-15mm ht, Monolithic)	SD-229C,D	m	30		
J.17	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	10		
J.18	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Tie-ins and Approaches					
	a) Type IA		tonne	10		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
J.19	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R14				
	i) Construction of 150 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	645		
J.20	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R14				
	i) Construction of Lip Curb (40mm ht, Integral)	SD-202B	m	240		
	ii) Construction of Curb Ramp (10-15mm ht, Integral)	SD-229C	m	20		
	iii) Construction of Curb Ramp (10-15mm ht, Monolithic)	SD-229C	m	3		
J.21	100mm Concrete Sidewalk	CW 3325-R3	m <sup>2</sup>	2,475		
J.22	Interlocking Paving Stones	CW 3330-R5, E33				
	i) Blue Holland Pavers		m <sup>2</sup>	8		
	ii) Antique Brown Roman Pavers		m <sup>2</sup>	340		
J.23	Detectable Warning Surface Tiles	E14	each	24		
	<b>ADJUSTMENTS</b>					
J.24	Adjustment of Valve Boxes	CW 3210-R7	each	3		
J.25	Valve Box Extensions	CW 3210-R7	each	3		
J.26	Adjustment of Curb Stop Boxes	CW 3210-R7	each	16		

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ADJUSTMENTS</b> (Cont'd.)					
J.27	Curb Stop Extensions	CW 3210-R7	each	1		
J.28	Type A Relocation of Hydrant	CW 2110-R10 E26	each	4		
J.29	Adjustment of Existing Cathodic Protection Monitoring Station Boxes	E27	each	8		
	<b>LANDSCAPING</b>					
J.30	Sodding	CW 3510-R9				
	i) width < 600mm		m <sup>2</sup>	450		
	ii) width > or = 600mm		m <sup>2</sup>	500		
J.31	Removal of Trees	E12	each	11		
<b>J</b>	<b>JUBILEE AVENUE - Multi-Use Path</b>				Sub-Total:	

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>K JUBILEE AVENUE - Mill and Fill</b>						
K.1	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Main Line Paving					
	a) Type IA		tonne	300		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	50		
K.2	Planing of Pavement	CW 3450-R5				
	i) 0 - 50 mm Depth (Asphalt)		m <sup>2</sup>	2,100		
<b>JOINT AND CRACK SEALING</b>						
K.3	Reflective Crack Maintenance	CW 3250-R7	m	100		
<b>K JUBILEE AVENUE - Mill and Fill</b>					Sub-Total:	

**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>L JUBILEE AVENUE - Catchbasin Renewals</b>						
L.1	Partial Slab Patches	CW 3230-R6				
	i) 150 mm Concrete Pavement (Type D)		m <sup>2</sup>	50		
L.2	Drilled Dowels	CW 3230-R6				
	i) 19.1 mm Diameter		each	20		
L.3	Drilled Tie Bars	CW 3230-R6				
	i) 20 M Deformed Tie Bar		each	100		
<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>						
L.4	Catch Basin	CW 2130-R11				
	i) SD-024, 1800mm deep		each	7		
L.5	Sewer Service	CW 2130-R11				
	i) 200mm, PVC					
	a) In a Trench, Class B bedding with sand, Class 3 Backfill		m	5		
	ii) 250mm, PVC					
	a) In a Trench, Class B bedding with sand, Class 3 Backfill		m	25		
	b) Trenchless Installation, Class B bedding with sand, Class 3 backfill		m	10		
L.6	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R11				
	i) 200 mm Catch Basin Lead		each	2		
	ii) 250 mm Catch Basin Lead		each	7		
L.7	Removal of Existing Catch Basins	CW 2130-R11, E19	each	7		
L.8	Removal of Existing Catch Pit	CW 2130-R11, E19	each	7		
<b>L JUBILEE AVENUE - Catchbasin Renewals</b>					Sub-Total:	



**FORM B: PRICES**  
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>SUMMARY</b>						
A	FLEET AVENUE/WARSAW AVENUE - Raised Crosswalk, Parking Lanes, Curb Extensions, and Traffic Calming Circles				Sub-Total:	
B	FLEET AVENUE/WARSAW AVENUE - Multi-Use Path				Sub-Total:	
C	GROVENSOR AVENUE - Curb Extensions, Multi-Use Path, Parking Lane and Traffic Calming Circles				Sub-Total:	
D	HARROW STREET - Parking Lane, Curb Extensions, Intersection Realignment, and Sidewalk				Sub-Total:	
E	HARROW STREET - Harrow and Academy North Side Closure				Sub-Total:	
F	NASSAU STREET - Parking Lane, Sidewalk, One-way Conversions and Traffic Calming Circles				Sub-Total:	
G	NASSAU STREET - Sidewalk on Roslyn				Sub-Total:	
H	NASSAU STREET - One-way Conversion on Warsaw from Nassau to Pembina				Sub-Total:	
I	HAY STREET - Traffic Calming Circles and Contra-flow Bike Lane				Sub-Total:	
J	JUBILEE AVENUE - Multi-Use Path				Sub-Total:	
K	JUBILEE AVENUE - Mill and Fill				Sub-Total:	
L	JUBILEE AVENUE - Catchbasin Renewals				Sub-Total:	
TOTAL BID PRICE (GST extra)					(in f	_____
(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 hereinafter described, for the payment of which sum the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a Bid to the Obligee for

BID OPPORTUNITY NO. 307-2010

2010 ACTIVE TRANSPORTATION – INFRASTRUCTURE STIMULUS PROGRAM: RIVER HEIGHTS AND FORT ROUGE

as more fully set out in the Bid Opportunity.

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

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

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

SIGNED AND SEALED  
in the presence of:

\_\_\_\_\_  
(Witness as to Principal if no seal)

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

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

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

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

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. 307-2010

2010 ACTIVE TRANSPORTATION – INFRASTRUCTURE STIMULUS PROGRAM: RIVER HEIGHTS AND FORT ROUGE

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. 307-2010

2010 ACTIVE TRANSPORTATION – INFRASTRUCTURE STIMULUS PROGRAM: RIVER  
HEIGHTS AND FORT ROUGE

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 August 25, 2010.

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)