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

1.	Contract Title		PORTATION – INFRASTRUCT HEIGHTS AND FORT ROUGE	URE STIMULUS
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 at the Bidder for purpose	uthorizes the following contact pes of the Bid.	erson to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Definitions	All capitalized terms ascribed to them in th	used in the Contract shall he General Conditions.	ave the meanings
5.	Offer		ffers to perform the Work in ac Bid Price, in Canadian funds, seto.	

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
		, 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)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Α	FLEET AVENUE/WARSAW AVENUE - Rais Circles	sed Crosswalk, Pa	rking La	nes, Curb Exte	nsions, and Traff	ic Calming
	EARTH AND BASE WORKS					
A.1	Grading of Boulevards	CW 3110-R12	m²	1,350		
A.2	Imported Fill Material	CW 3110-R12	m³	270		
	ROADWORKS - RENEWALS					
A.3	Pavement Removal	CW 3110-R12				
i	) Concrete Pavement		m²	780		
A.4	Partial Slab Patches	CW 3230-R6				
i	) 200 mm Concrete Pavement (Type A)		m²	15		
ii	) 200 mm Concrete Pavement (Type B)		m²	15		
iii	) 200 mm Concrete Pavement (Type C)		m²	20		
iv	) 200 mm Concrete Pavement (Type D)		m²	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		m²	285		
A.8	Miscellaneous Concrete Slab Installation	CW 3235-R7				
i	) Sidewalk	SD-228A	m²	465		
A.9	Concrete Curb Removal	CW 3240-R8				
i	Barrier, Separate		m	580		
ii	Curb Ramp		m	140		

ROADWORKS - RENEWALS (Cont'd.)     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     A.11   Concrete Curb Renewal   CW 3240-R8     i) Barrier (150 mm ht, Dowelled)   SD-205, SD-206A	
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  A.11 Concrete Curb Renewal  CW 3240-R8  i) Barrier (150 mm ht, Dowelled)  SD-205,	
ii) Modified Barrier (150 mm ht, Dowelled)  SD-203B m 275  iii) Curb Ramp (10-15mm ht, Monolithic) SD-229A,B,C m 155  A.11 Concrete Curb Renewal CW 3240-R8  i) Barrier (150 mm ht, Dowelled) SD-205,	
iii) Curb Ramp (10-15mm ht, Monolithic) SD-229A,B,C m 155  A.11 Concrete Curb Renewal CW 3240-R8  i) Barrier (150 mm ht, Dowelled) SD-205,	
A.11 Concrete Curb Renewal CW 3240-R8  i) Barrier (150 mm ht, Dowelled) SD-205,	
i) Barrier (150 mm ht, Dowelled) SD-205,	
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) m² 1,170	
ii) 50 - 100 mm Depth (Asphalt) m <sup>2</sup> 1,000	
ROADWORKS - NEW CONSTRUCTION	
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	

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS (Cont'd.)					
A.30	Lifter Rings	CW 3210-R7				
i)	51mm		each	3		
	LANDSCAPING					
A.31	Sodding	CW 3510-R9				
i)	width < 600mm		m²	120		
ii)	width > or = 600mm		m²	1,230		
A.32	Planting Soil (500mm Depth)	E30	m²	45		
A.33	Mulch (100mm depth)	E30	m²	45		
A.34	Potentilla (Potentilla fruiticosa)	E29, E32	each	48		
A.35	General Plant Material and Planting Bed Maintenance	E31	LS	1		
Α	FLEET AVENUE/WARSAW AVENUE - Raise Extensions, and Traffic Calming Circles	FLEET AVENUE/WARSAW AVENUE - Raised Crosswalk, Parking Lanes, Curb Extensions, and Traffic Calming Circles				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
В	GROVENSOR AVENUE - Curb Extensions,	Multi-Use Path, F	Parking L	ane and Traffic	Calming Circles	:
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R12	m³	50		
B.2	Sub-Grade Compaction	CW 3110-R12	m²	180		
B.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	45		
B.4	Supplying and Placing Base Course Material	CW 3110-R12, E13	m³	10		
B.5	Grading of Boulevards	CW 3110-R12	m²	1,240		
B.6	Separation Geotextile Fabric	CW 3130-R2	m²	120		
B.7	Imported Fill Material	CW 3110-R12	m³	220		
	ROADWORKS - RENEWALS					
B.8	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m²	560		
B.9	Partial Slab Patches	CW 3230-R6				
i)	200 mm Concrete Pavement (Type A)		m²	15		
ii)	200 mm Concrete Pavement (Type B)		m²	15		
iii)	200 mm Concrete Pavement (Type C)		m²	20		
iv)	200 mm Concrete Pavement (Type D)		m²	20		
B.10	Drilled Dowels	CW 3230-R6				
i)	19.1 mm Diameter		each	25		
B.11	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	230		
B.12	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m²	270		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - RENEWALS (Cont'd.)					
B.13	Miscellaneous Concrete Slab Installation	CW 3235-R7				
i)	Sidewalk	SD-228A	m²	375		
B.14	Removal of Precast Sidewalk Blocks	CW 3235-R7	m²	25		
B.15	Concrete Curb Removal	CW 3240-R8				
i)	Barrier, Separate		m	500		
ii)	Curb Ramp		m	140		
B.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		
B.17	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	165		
B.18	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m²	620		
ii)	50 - 100 mm Depth (Asphalt)		m²	650		
	ROADWORKS - NEW CONSTRUCTION					
B.19	100mm Concrete Sidewalk	CW 3325-R3	m²	50		
B.20	Interlocking Paving Stones	CW 3330-R5 E33				
i)	Blue Holland Pavers		m²	15		
	Construction of Asphaltic Concrete Pavements	CW 3410-R8				
i)	Main Line Paving					
a)	Туре IA		tonne	20		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	5		

ROADWORKS - NEW CONSTRUCTION (Cont'd.)   B.22   Traffic Calming Circles   E16     i) 5 m Diameter   each   5     B.23   Supply and Install Wooden Bollards   E15   each   4     B.24   Remove and Dispose of Hazard Barrier   E11   LS   1     Fence   JOINT AND CRACK SEALING     B.25   Reflective Crack Maintenance   CW 3250-R7   m   310     ASSOCIATED DRAINAGE AND UNDERGROUND WORKS     B.26   Catch Pit   CW 2130-R11     i) SD-023   each   1     B.27   Drainage Connection Pipe   CW 2130-R11   m   3     B.28   Replacing Standard Frames & Covers   CW 2130-R11     ii) AP-004 - Standard Frame for Manhole and Catch Basin   each   1     iii) AP-005 - Standard Solid Cover for Standard Frame   each   1	
i) 5 m Diameter each 5  B.23 Supply and Install Wooden Bollards E15 each 4  B.24 Remove and Dispose of Hazard Barrier Fence  JOINT AND CRACK SEALING  B.25 Reflective Crack Maintenance CW 3250-R7 m 310  ASSOCIATED DRAINAGE AND UNDERGROUND WORKS  B.26 Catch Pit CW 2130-R11  i) SD-023 each 1  B.27 Drainage Connection Pipe CW 2130-R11 m 3  B.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 each 1	
B.23 Supply and Install Wooden Bollards E15 each 4  B.24 Remove and Dispose of Hazard Barrier Fence E11 LS 1  JOINT AND CRACK SEALING  B.25 Reflective Crack Maintenance CW 3250-R7 m 310  ASSOCIATED DRAINAGE AND UNDERGROUND WORKS  B.26 Catch Pit CW 2130-R11  i) SD-023 each 1  B.27 Drainage Connection Pipe CW 2130-R11 m 3  B.28 Replacing Standard Frames & Covers CW 2130-R11  i) AP-004 - Standard Frame for Manhole and Catch Basin  ii) AP-005 - Standard Solid Cover for Standard each 1	
B.24 Remove and Dispose of Hazard Barrier Fence  JOINT AND CRACK SEALING  B.25 Reflective Crack Maintenance CW 3250-R7 m 310  ASSOCIATED DRAINAGE AND UNDERGROUND WORKS  B.26 Catch Pit CW 2130-R11  i) SD-023 each 1  B.27 Drainage Connection Pipe CW 2130-R11 m 3  B.28 Replacing Standard Frames & Covers CW 2130-R11  i) AP-004 - Standard Frame for Manhole and Catch Basin  ii) AP-005 - Standard Solid Cover for Standard each 1	
Fence  JOINT AND CRACK SEALING  B.25 Reflective Crack Maintenance CW 3250-R7 m 310  ASSOCIATED DRAINAGE AND UNDERGROUND WORKS  B.26 Catch Pit CW 2130-R11  i) SD-023 each 1  B.27 Drainage Connection Pipe CW 2130-R11 m 3  B.28 Replacing Standard Frames & Covers  i) AP-004 - Standard Frame for Manhole and Catch Basin  ii) AP-005 - Standard Solid Cover for Standard each 1	
B.25 Reflective Crack Maintenance CW 3250-R7 m 310  ASSOCIATED DRAINAGE AND UNDERGROUND WORKS  B.26 Catch Pit CW 2130-R11  i) SD-023 each 1  B.27 Drainage Connection Pipe CW 2130-R11 m 3  B.28 Replacing Standard Frames & Covers CW 2130-R11  i) AP-004 - Standard Frame for Manhole and Catch Basin  ii) AP-005 - Standard Solid Cover for Standard each 1	
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS  B.26 Catch Pit  i) SD-023 each 1  B.27 Drainage Connection Pipe CW 2130-R11 m 3  B.28 Replacing Standard Frames & Covers  i) AP-004 - Standard Frame for Manhole and Catch Basin  ii) AP-005 - Standard Solid Cover for Standard each 1	
UNDERGROUND WORKS  B.26 Catch Pit CW 2130-R11  i) SD-023 each 1  B.27 Drainage Connection Pipe CW 2130-R11 m 3  B.28 Replacing Standard Frames & Covers  i) AP-004 - Standard Frame for Manhole and Catch Basin  ii) AP-005 - Standard Solid Cover for Standard each 1	
i) SD-023 each 1  B.27 Drainage Connection Pipe CW 2130-R11 m 3  B.28 Replacing Standard Frames & Covers CW 2130-R11  i) AP-004 - Standard Frame for Manhole and Catch Basin  ii) AP-005 - Standard Solid Cover for Standard each 1	
B.27 Drainage Connection Pipe CW 2130-R11 m 3  B.28 Replacing Standard Frames & Covers CW 2130-R11  i) AP-004 - Standard Frame for Manhole and Catch Basin  ii) AP-005 - Standard Solid Cover for Standard each 1	
B.28 Replacing Standard Frames & Covers  i) AP-004 - Standard Frame for Manhole and Catch Basin  ii) AP-005 - Standard Solid Cover for Standard  catch Basin	
i) AP-004 - Standard Frame for Manhole and Catch Basin  ii) AP-005 - Standard Solid Cover for Standard each 1	
ii) AP-005 - Standard Solid Cover for Standard each 1	
B.29 Connecting to Existing Catch Basin CW 2130-R11	
i) 250 mm Drainage Connection Pipe each 1	
B.30 Removal of Existing Catch Pit CW 2130-R11, each E19	
B.31 Relocation of Existing Catch Basins CW 2130-R11 each 1	
B.32 Abandoning Existing Drainage Inlets CW 2130-R11, each E19	
ADJUSTMENTS	
B.33 Adjustment of Catch Basins / Manholes CW 3210-R7 each 9 Frames	
B.34 Replacing Existing Risers CW 2130-R11	
i) Pre-cast Concrete Risers vert. m 2	

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# FORM B (R1): PRICES

#### UNIT PRICES

B.35 Lifter R i) 51mm  LANDS  B.36 Soddin i) width a ii) width a B.37 Plantin  B.38 Mulch (	· ·	CW 3210-R7			
i) 51mm  LANDS  B.36 Soddin  i) width 4  ii) width 5  B.37 Plantin  B.38 Mulch 6	· ·	CW 3210-R7			
B.36 Soddin i) width a ii) width a B.37 Plantin B.38 Mulch (	n				
B.36 Soddin i) width a ii) width a B.37 Plantin B.38 Mulch (			each	3	
i) width a ii) width a B.37 Plantin B.38 Mulch	DSCAPING				
ii) width a B.37 Plantin B.38 Mulch	ing	CW 3510-R9			
B.37 Plantin	n < 600mm		m²	120	
B.38 Mulch	ı > or = 600mm		m²	1,070	
	ing Soil (500mm Depth)	E30	m²	60	
B.39 Potenti	n (100mm depth)	E30	m²	60	
	ntilla (Potentilla fruiticosa)	E29	each	90	
	ral Plant Material and Planting Bed enance	E31, E32	LS	1	
B GROV	VENSOR AVENUE - Curb Extensions, I	Multi-Use Path, F	Parking L	ane and	

(SEE B8)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
С	HARROW STREET - Parking Lane, Curb Ex	tensions, Interse	ction Re	alignment, and	Sidewalk	
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R12	m³	725		
C.2	Sub-Grade Compaction	CW 3110-R12	m²	1,560		
C.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	660		
C.4	Supplying and Placing Base Course Material	CW 3110-R12, E13	m³	80		
C.5	Grading of Boulevards	CW 3110-R12	m²	1,700		
C.6	Separation Geotextile Fabric	CW 3130-R2	m²	990		
C.7	Imported Fill Material	CW 3110-R12	m³	175		
C.8	Removal of Existing Concrete Bases	CW 3110-R12				
i)	600mm Diameter or Less		each	4		
	ROADWORKS - RENEWALS					
C.9	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m²	350		
C.10	Drilled Dowels	CW 3230-R6				
i)	19.1 mm Diameter		each	10		
C.11	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	540		
C.12	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m²	160		
C.13	Miscellaneous Concrete Slab Installation	CW 3235-R7				
i)	Sidewalk	SD-228A	m²	38		
C.14	Adjustment of Precast Sidewalk Blocks	CW 3235-R7	m²	15		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - RENEWALS (Cont'd.)					
C.15	Concrete Curb Removal	CW 3240-R8				
i)	Barrier, Separate		m	606		
ii)	Curb Ramp		m	35		
C.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		
C.17	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	4		
C.18	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
i)	Main Line Paving					
a)	Type IA		tonne	210		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	96		
C.19	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m²	820		
ii)	50 - 100 mm Depth (Asphalt)		m²	1,070		
	ROADWORKS - NEW CONSTRUCTION					
C.20	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R14				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m²	810		
C.21	100mm Concrete Sidewalk	CW 3325-R3	m²	575		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - NEW CONSTRUCTION (Cont'd.)		_			
C.22	Detectable Warning Surface Tiles	E14	each	4		
	JOINT AND CRACK SEALING					
C.23	Reflective Crack Maintenance	CW 3250-R7	m	260		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
C.24	Catch Basin	CW 2130-R11				
i)	SD-024, 1200 mm deep		each	1		
C.25	Sewer Service	CW 2130-R11				
i)	250 mm, PVC					
a)	In a Trench, Class B, Type 3 Bedding, Class 3 Backfill		m	4		
C.26	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		
C.27	Connecting to Existing Sewer	CW 2130-R11				
i)	250 mm, PVC, Sewer Service connecting pipe					
a)	Connecting to 1250 mm Sewer		each	1		
C.28	Removal of Existing Catch Basins	CW 2130-R11, E19	each	1		
C.29	Abandoning Existing Drainage Inlets	CW 2130-R11, E19	each	4		
	ADJUSTMENTS					
C.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	7		
C.31	Replacing Existing Risers	CW 2130-R11				
i)	Pre-cast Concrete Risers		vert. m	2		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS (Cont'd.)					
C.32	Lifter Rings	CW 3210-R7				
i)	51mm		each	7		
C.33	Adjustment of Valve Boxes	CW 3210-R7	each	1		
C.34	Adjustment of Curb Stop Boxes	CW 3210-R7	each	1		
C.35	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	2		
	LANDSCAPING					
C.36	Sodding	CW 3510-R9				
i)	width < 600mm		m²	100		
ii)	width > or = 600mm		m²	1,570		
C.37	Removal of Trees	E12	each	1		
С	 HARROW STREET - Parking Lane, Curb Ex and Sidewalk	Sub-Total:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	HARROW STREET - Harrow and Academy	North Side Closu	re			
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R12	m³	13		
D.2	Sub-Grade Compaction	CW 3110-R12	m²	94		
D.3	Grading of Boulevards	CW 3110-R12	m²	115		
D.4	Imported Fill Material	CW 3110-R12	m³	35		
	ROADWORKS - RENEWALS					
D.5	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m²	95		
D.6	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	12		
D.7	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m²	30		
D.8	Concrete Curb Removal	CW 3240-R8				
i)	Barrier, Separate		m	60		
ii)	Curb Ramp		m	3		
D.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		
D.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		
D.11	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m²	145		
ii)	50 - 100 mm Depth (Asphalt)		m²	140		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - NEW CONSTRUCTION					
D.12	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R14				
i)	Construction of Concrete Safety Medians	SD-226B	m²	15		
D.13	100mm Concrete Sidewalk	CW 3325-R3	m²	75		
D.14	Construction of Asphaltic Concrete Pavements	CW 3410-R8				
D.15	Detectable Warning Surface Tiles	E14	each	4		
	JOINT AND CRACK SEALING					
D.16	Reflective Crack Maintenance	CW 3250-R7	m	20		
	ADJUSTMENTS					
D.17	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1		
D.18	Lifter Rings	CW 3210-R7				
i)	51mm		each	1		
D.19	Adjustment of Valve Boxes	CW 3210-R7	each	1		
	LANDSCAPING					
D.20	Sodding	CW 3510-R9				
i)	width < 600mm		m²	5		
ii)	width > or = 600mm		m²	110		
D.21	Planting Soil (500mm Depth)	E30	m²	65		
D.22	Mulch (100mm depth)	E30	m²	65		
D.23	Heavy Duty Black Plastic Edger	E30	m	70		
D.24	Japanese Tree Lilac (Syringa reticulata) - 50 mm Caliper	E29	each	1		
D.25	Cotoneaster (Cotoneaster lucidus) - 750mm ht.	E29	each	8		
D.26	Miss Kim Lilac (Syringa patula 'Miss Kim') - 600mm ht.	E29	each	7		
D.27	Abbotswood Potentilla (Potentilla fruticosa 'Abbotswood') - 450 mm ht.	E29	each	45		
D.28	General Plant Material and Planting Bed Maintenance	E31, E32	LS	1		
D	HARROW STREET - Harrow and Academy		Sub-Total:			

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	NASSAU STREET - Parking Lane, Sidewalk	, One-way Conve	ersions a	nd Traffic Caln	ning Circles	
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R12	m³	97		
E.2	Sub-Grade Compaction	CW 3110-R12	m²	340		
E.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	50		
E.4	Supplying and Placing Base Course Material	CW 3110-R12, E13	m³	7		
E.5	Grading of Boulevards	CW 3110-R12	m²	990		
E.6	Separation Geotextile Fabric	CW 3130-R2	m²	80		
E.7	Imported Fill Material	CW 3110-R12	m³	80		
	ROADWORKS - RENEWALS					
E.8	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m²	320		
E.9	Partial Slab Patches	CW 3230-R6				
i)	200 mm Concrete Pavement (Type A)		m²	15		
ii)	200 mm Concrete Pavement (Type B)		m²	15		
iii)	200 mm Concrete Pavement (Type C)		m²	20		
iv)	200 mm Concrete Pavement (Type D)		m²	20		
E.10	Drilled Dowels	CW 3230-R6				
i)	19.1 mm Diameter		each	24		
E.11	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	130		
E.12	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m²	235		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - RENEWALS (Cont'd.)					
E.13	Miscellaneous Concrete Slab Installation	CW 3235-R7				
i)	Sidewalk	SD-228A	m²	215		
E.14	Miscellaneous Concrete Slab Renewal	CW 3235-R7				
i)	Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	20		
E.15	Concrete Curb Removal	CW 3240-R8				
i)	Barrier, Separate		m	265		
ii)	Curb Ramp		m	65		
E.16	Concrete Curb Installation	CW 3240-R8				
i)	Barrier (150 mm ht, Dowelled)	SD-205	m	160		
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	60		
E.17	Concrete Curb Renewal	CW 3240-R8				
i)	Barrier (150 mm ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m	0D 200/(	m	5		
E.18	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	20		
E.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		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - RENEWALS (Cont'd.)					
E.20	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m²	600		
ii)	50 - 100 mm Depth (Asphalt)		m²	600		
E.21	Removal and Reconstruction of Steel Railing at 55 Nassau Street	E24	LS	1		
	ROADWORKS - NEW CONSTRUCTION					
E.22	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R14				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m²	65		
ii)	Construction of Monolithic Concrete Median Slabs	SD-226A	m²	20		
iii)	Construction of Monolithic Concrete Bull- noses	SD-227C	m²	1		
E.23	100mm Concrete Sidewalk	CW 3325-R3	m²	290		
E.24	Interlocking Paving Stones	CW 3335-R1	m²	10		
E.25	Lean Concrete Base	CW 3335-R1	m²	10		
E.26	Traffic Calming Circles	E16				
i)	4 m Diameter		each	4		
E.27	Bike Lane Median	E28	m	10		
E.28	Detectable Warning Surface Tiles	E14	each	14		
	JOINT AND CRACK SEALING					
E.29	Reflective Crack Maintenance	CW 3250-R7	m	200		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
E.30	Catch Basin	CW 2130-R11				
i)	SD-024, 1800 mm deep		each	2		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd.)					
	Sewer Service	CW 2130-R11				
i) 2	250 mm, PVC					
	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		
E.32	Replacing Standard Frames & Covers	CW 2130-R11				
	AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
,	AP-005 - Standard Solid Cover for Standard Frame		each	1		
E.33	Connecting to Existing Sewer	CW 2130-R11				
	250 mm, PVC, Sewer Service connecting					
	pipe Connecting to 300mm Combined Sewer		each	1		
	Connecting to 1250 mm Land Drainage Sewer		each	1		
4	ADJUSTMENTS					
	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	5		
E.35	Replacing Existing Risers	CW 2130-R11				
1 (i	Pre-cast Concrete Risers		vert. m	1		
E.36	Lifter Rings	CW 3210-R7				
ii) (	51mm		each	5		
E.37	Adjustment of Valve Boxes	CW 3210-R7	each	2		
E.38	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
	LANDSCAPING					
E.39	Sodding	CW 3510-R9				
i)	width < 600mm		m²	120		
ii)	width > or = 600mm		m²	865		

#### FORM B (R1): PRICES

(SEE B8)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	LANDSCAPING (Cont'd.)					
E.40	Planting Soil (500mm Depth)	E30	m²	30		
E.41	Mulch (100mm depth)	E30	m²	30		
E.42	Potentilla (Potentilla fruiticosa)	E29	each	32		
E.43	General Plant Material and Planting Bed Maintenance	E31, E32	LS	1		
E	NASSAU STREET - Parking Lane, Sidewalk Calming Circles	Sub-Total:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	NASSAU STREET - Sidewalk on Roslyn					
	EARTH AND BASE WORKS					
F.1	Excavation	CW 3110-R12	m³	35		
F.2	Sub-Grade Compaction	CW 3110-R12	m²	228		
F.3	Grading of Boulevards	CW 3110-R12	m²	145		
ij	600mm Diameter or Less		each	3		
	ROADWORKS - RENEWALS					
F.4	Drilled Tie Bars	CW 3230-R6				
ij	20 M Deformed Tie Bar		each	6		
F.5	Miscellaneous Concrete Slab Removal	CW 3235-R7				
ij	) Sidewalk		m²	2		
F.6	Concrete Curb Removal	CW 3240-R8				
ij	Barrier, Separate		m	5		
ii	Curb Ramp		m	5		
F.7	Concrete Curb Installation	CW 3240-R8				
ij	Curb Ramp (10-15mm ht, Monolithic)	SD-229A,B,C	m	5		
F.8	Concrete Curb Renewal	CW 3240-R8				
ij	Barrier (150 mm ht, Dowelled)	SD-205, SD-206A				
a	Less than 3 m	0D 200A	m	5		
F.9	Removal of Concrete Fence	E25	m	10		
	ROADWORKS - NEW CONSTRUCTION					
F.10	100mm Concrete Sidewalk	CW 3325-R3	m²	190		
	ADJUSTMENTS					
F.11	Type A Relocation of Hydrant	CW 2110-R10 E26	each	1		

#### FORM B (R1): PRICES

(SEE B8)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	LANDSCAPING					
F.12	Sodding	CW 3510-R9				
i)	width < 600mm		m²	15		
ii)	width > or = 600mm		m²	130		
F	NASSAU STREET - Sidewalk on Roslyn	Sub-Total:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G	NASSAU STREET - One-way Conversion or	n Warsaw from N	assau to	Pembina		
	EARTH AND BASE WORKS					
G.1	Excavation	CW 3110-R12	m³	10		
G.2	Sub-Grade Compaction	CW 3110-R12	m²	10		
G.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	10		
G.4	Supplying and Placing Base Course Material	CW 3110-R12, E13	m³	1		
G.5	Grading of Boulevards	CW 3110-R12	m²	80		
G.6	Separation Geotextile Fabric	CW 3130-R2	m²	10		
G.7	Imported Fill Material	CW 3110-R12	m³	30		
	ROADWORKS - RENEWALS					
G.8	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m²	80		
G.9	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	24		
G.10	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m²	30		
G.11	Miscellaneous Concrete Slab Installation	CW 3235-R7				
i)	Sidewalk	SD-228A	m²	65		
G.12	Concrete Curb Removal	CW 3240-R8				
i)	Barrier, Separate		m	30		
ii)	Curb Ramp		m	15		
G.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		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - RENEWALS (Cont'd.)					
G.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		
G.15	Planing of Pavement	CW 3450-R5				
i) (	0 - 50 mm Depth (Asphalt)		m²	160		
ii)	50 - 100 mm Depth (Asphalt)		m²	100		
	ROADWORKS - NEW CONSTRUCTION					
G.16	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R14				
	Construction of 200 mm Concrete Pavement (Reinforced)		m²	10		
	JOINT AND CRACK SEALING					
G.17	Reflective Crack Maintenance	CW 3250-R7	m	50		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
G.18	Replacing Standard Frames & Covers	CW 2130-R11				
	AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
,	AP-005 - Standard Solid Cover for Standard Frame		each	1		
G.19	Abandoning Existing Drainage Inlets	CW 2130-R11, E19	each	1		
	ADJUSTMENTS					
	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
G.21	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	1		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	LANDSCAPING					
G.22	Sodding	CW 3510-R9				
i)	width < 600mm		m²	10		
ii)	width > or = 600mm		m²	70		
G	NASSAU STREET - One-way Conversion or	n Warsaw from N	assau to	Pembina	Sub-Total:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
н	HAY STREET - Traffic Calming Circles and	Contra-flow Bike	Lane			
	EARTH AND BASE WORKS					
H.1	Excavation	CW 3110-R12	m³	50		
H.2	Sub-Grade Compaction	CW 3110-R12	m²	75		
H.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	50		
H.4	Supplying and Placing Base Course Material	CW 3110-R12, E13	m³	10		
H.5	Grading of Boulevards	CW 3110-R12	m²	160		
H.6	Separation Geotextile Fabric	CW 3130-R2	m²	75		
H.7	Imported Fill Material	CW 3110-R12	m³	20		
	ROADWORKS - RENEWALS					
H.8	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m²	50		
H.9	Partial Slab Patches	CW 3230-R6				
i)	200 mm Concrete Pavement (Type A)		m²	15		
ii)	200 mm Concrete Pavement (Type B)		m²	15		
iii)	200 mm Concrete Pavement (Type C)		m²	20		
iv)	200 mm Concrete Pavement (Type D)		m²	20		
H.10	Drilled Dowels	CW 3230-R6				
i)	19.1 mm Diameter		each	25		
H.11	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	130		
H.12	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m²	10		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - RENEWALS (Cont'd.)					
H.13	Miscellaneous Concrete Slab Installation	CW 3235-R7				
i)	Sidewalk	SD-228A	m²	20		
H.14	Concrete Curb Removal	CW 3240-R8				
i)	Barrier, Separate		m	80		
ii)	Curb Ramp		m	10		
H.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		
H.16	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	20		
H.17	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m²	100		
ii)	50 - 100 mm Depth (Asphalt)		m²	40		
	ROADWORKS - NEW CONSTRUCTION					
H.18	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R14				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m²	50		
ii)	Construction of Monolithic Concrete Bull- noses	SD-227C	m²	1		
H.19	Bike Lane Median	E28	m	15		
H.20	Traffic Calming Circles	E16				
i)	5 m Diameter		each	5		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	JOINT AND CRACK SEALING					
H.21	Reflective Crack Maintenance	CW 3250-R7	m	80		
	ADJUSTMENTS					
H.22	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	6		
H.23	Replacing Existing Risers	CW 2130-R11				
i)	Pre-cast Concrete Risers		vert. m	3		
	LANDSCAPING					
H.24	Sodding	CW 3510-R9				
i)	width < 600mm		m²	20		
ii)	width > or = 600mm		m²	155		
H.25	Planting Soil (500mm Depth)	E30	m²	60		
H.26	Mulch (100mm depth)	E30	m²	60		
H.27	Potentilla (Potentilla fruiticosa)	E29	each	90		
H.28	General Plant Material and Planting Bed Maintenance	E31, E32	LS	1		
Н	HAY STREET - Traffic Calming Circles and	Contra-flow Bike	Lane			
					Sub-Total:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I	JUBILEE AVENUE - Multi-Use Path					
	EARTH AND BASE WORKS					
l.1	Excavation	CW 3110-R12	m³	585		
1.2	Sub-Grade Compaction	CW 3110-R12	m²	3,100		
1.3	Supplying and Placing Base Course Material	CW 3110-R12, E13	m³	340		
1.4	Grading of Boulevards	CW 3110-R12	m²	1,000		
1.5	Removal of Existing Concrete Bases	CW 3110-R12				
i)	600mm Diameter or Less		each	24		
	ROADWORKS - RENEWALS					
1.6	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m²	650		
ii)	Asphalt Pavement		m²	185		
1.7	Drilled Dowels	CW 3230-R6				
i)	19.1 mm Diameter		each	20		
1.8	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	390		
1.9	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Sidewalk		m²	1,500		
I.10	Miscellaneous Concrete Slab Renewal	CW 3235-R7				
i)	Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	15		
b)	5 sq.m. to 20 sq.m.		m²	65		
I.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R7	m²	5		
1.12	Supply of Precast Sidewalk Blocks	CW 3235-R7	m²	10		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - RENEWALS (Cont'd.)					
I.13	Removal of Precast Sidewalk Blocks	CW 3235-R7	m²	10		
I.14	Concrete Curb Removal	CW 3240-R8				
ij	Barrier, Seperate		m	300		
ii	Curb Ramp		m	25		
l.15	Concrete Curb Installation	CW 3240-R8				
ij	Barrier ( 150 mm ht, Dowelled)	SD-205	m	3		
I.16	Concrete Curb Renewal	CW 3240-R8				
ij	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		
I.17	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	10		
I.18	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
ij	Tie-ins and Approaches					
a	Type IA		tonne	10		
	ROADWORKS - NEW CONSTRUCTION					
I.19	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R14				
ij	Construction of 150 mm Concrete Pavement (Reinforced)		m²	645		
1.20	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R14				
ij	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		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - NEW CONSTRUCTION (Cont'd.)					
1.21	100mm Concrete Sidewalk	CW 3325-R3	m²	2,475		
1.22	Interlocking Paving Stones	CW 3330-R5, E33				
i)	Blue Holland Pavers		m²	8		
ii)	Antique Brown Roman Pavers		m²	340		
1.23	Detectable Warning Surface Tiles	E14	each	24		
	ADJUSTMENTS					
1.24	Adjustment of Valve Boxes	CW 3210-R7	each	3		
1.25	Valve Box Extensions	CW 3210-R7	each	3		
1.26	Adjustment of Curb Stop Boxes	CW 3210-R7	each	16		
1.27	Curb Stop Extensions	CW 3210-R7	each	1		
1.28	Type A Relocation of Hydrant	CW 2110-R10 E26	each	4		
1.29	Adjustment of Existing Cathodic Protection Monitoring Station Boxes	E27	each	8		
	LANDSCAPING					
1.30	Sodding	CW 3510-R9				
i)	width < 600mm		m²	450		
ii)	width > or = 600mm		m²	500		
I.31	Removal of Trees	E12	each	11		
ı	JUBILEE AVENUE - Multi-Use Path	1	<u> </u>		0.1.7.	
					Sub-Total:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J	JUBILEE AVENUE - Mill and Fill					
J.1	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Main Line Paving					
a	Type IA		tonne	300		
i	i) Tie-ins and Approaches					
a	Type IA		tonne	50		
J.2	Planing of Pavement	CW 3450-R5				
	i) 0 - 50 mm Depth (Asphalt)		m²	2,100		
	JOINT AND CRACK SEALING					
J.3	Reflective Crack Maintenance	CW 3250-R7	m	100		
J	JUBILEE AVENUE - Mill and Fill	I	1	<u> </u>	Sub-Total:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K	JUBILEE AVENUE - Catchbasin Renewals					
K.1	Partial Slab Patches	CW 3230-R6				
	i) 150 mm Concrete Pavement (Type D)		m²	50		
K.2	Drilled Dowels	CW 3230-R6				
	i) 19.1 mm Diameter		each	20		
K.3	Drilled Tie Bars	CW 3230-R6				
	i) 20 M Deformed Tie Bar		each	100		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
K.4	Catch Basin	CW 2130-R11				
	i) SD-024, 1800mm deep		each	7		
K.5	Sewer Service	CW 2130-R11				
	i) 200mm, PVC					
ŧ	In a Trench, Class B bedding with sand, Class 3 Backfill		m	5		
i	ii) 250mm, PVC					
ŧ	In a Trench, Class B bedding with sand, Class 3 Backfill		m	25		
ŀ	Trenchless Installation, Class B bedding with sand, Class 3 backfill		m	10		
K.6	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R11				
	i) 200 mm Catch Basin Lead		each	2		
i	ii) 250 mm Catch Basin Lead		each	7		
K.7	Removal of Existing Catch Basins	CW 2130-R11, E19	each	7		
K.8	Removal of Existing Catch Pit	CW 2130-R11, E19	each	7		
K	JUBILEE AVENUE - Catchbasin Renewals				Sub-Total:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
	SUMMARY						
Α	FLEET AVENUE/WARSAW AVENUE - Raise Extensions, and Traffic Calming Circles	d Crosswalk, Pa	rking Laı	nes, Curb	Sub-Total:		
В	GROVENSOR AVENUE - Curb Extensions, I Traffic Calming Circles	Multi-Use Path, F	arking L	ane and	Sub-Total:		
С	HARROW STREET - Parking Lane, Curb Extand Sidewalk	ARROW STREET - Parking Lane, Curb Extensions, Intersection Realignment, nd Sidewalk					
D	HARROW STREET - Harrow and Academy N	North Side Closu	re		Sub-Total:		
E	NASSAU STREET - Parking Lane, Sidewalk Calming Circles	, One-way Conve	ersions a	nd Traffic	Sub-Total:		
F	NASSAU STREET - Sidewalk on Roslyn				Sub-Total:		
G	NASSAU STREET - One-way Conversion or	n Warsaw from N	assau to	Pembina	Sub-Total:		
Н	HAY STREET - Traffic Calming Circles and	Contra-flow Bike	Lane		Sub-Total:		
i	JUBILEE AVENUE - Multi-Use Path				Sub-Total:		
J	JUBILEE AVENUE - Mill and Fill				Sub-Total:		
К	JUBILEE AVENUE - Catchbasin Renewals				Sub-Total:		
OTAL BII	D PRICE (GST extra)		(in fig	jures)			
in words)							

(Seal)

(Seal)

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SIGNED AND SEALED in the presence of:

(Witness as to Principal if no seal)

#### 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 <b>THE CITY OF WINNIPEG</b> (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		

(Name of Principal)

(Name of Surety)

(Attorney-in-Fact)

By:

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

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#### 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, (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) (Seal)

(Attorney-in-Fact)

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# FORM G2 (R1): IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 1 of 2) (See B10)

(Date)	
Corpo Mater 185 k	City of Winnipeg prate Finance Department rials Management Division (ing Street, Main Floor peg MB R3B 1J1
RE:	BID SECURITY – BID OPPORTUNITY NO. 307-2010
	2010 ACTIVE TRANSPORTATION – INFRASTRUCTURE STIMULUS PROGRAM: RIVER HEIGHTS AND FORT ROUGE
Pursu	ant to the request of and for the account of our customer,
(Name	of Bidder)
	IEREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding aggregate
	Canadian dollars.
dema Letter paym	Standby Letter of Credit may be drawn on by you at any time and from time to time upon writter nd for payment made upon us by you. It is understood that we are obligated under this Standby of Credit for the payment of monies only and we hereby agree that we shall honour your demand for ent without inquiring whether you have a right as between yourself and our customer to make such and without recognizing any claim of our customer or objection by the customer to payment by us.
	mount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upor you or by formal notice in writing given to us by you if you desire such reduction or are willing that it be
Partia	al drawings are permitted.
	ngage with you that all demands for payment made within the terms and currency of this Standby of Credit will be duly honoured if presented to us at:
(Addre	ss)
and v	ve confirm and hereby undertake to ensure that all demands for payment will be duly honoured by us.

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# FORM G2 (R1): 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 30, 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)		