

PART A

BID SUBMISSION

FORM A: BID
(See B8)

1. Project Title KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY WEST OF KENASTON BOULEVARD –
ROADWORKS AND LAND DRAINAGE,
KENASTON BOULEVARD ROAD DETOUR - ROADWORKS,
CN RIVERS SUBDIVISION RAIL DETOUR – GRADE PREPARATION

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. 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.

5. Bid Security In accordance with B11.1, the Bidder encloses bid security in the form of:

(Choose one)

- a bid bond (Form G1: Bid Bond and Agreement to Bond)
- an irrevocable standby letter of credit (Form G2: Irrevocable Standby Letter of Credit and Undertaking)
- a certified cheque or draft

and agrees that it shall be held by the City in accordance with the Contract.

6. 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.

7. 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.

8. 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.

9. 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	_____
	_____		_____
	_____		_____

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

11. Signatures

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

_____ day of _____, 20_____.

Signed and sealed in
the presence of:

(Witness)

(Witness)

Signature of Bidder or
Bidder's Authorized Official or Officials

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

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

SEAL

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A	<u>STERLING LYON PARKWAY WEST OF KENASTON BOULEVARD- PAVEMENT CONSTRUCTION</u>					
	EARTH AND BASE WORKS					
A.1	Clearing and Grubbing	CW 3010-R4	ha	3,600		
A.2	Crushed Sub-base Material	CW 3110-R7				
	i) 50 mm - Limestone		tonne	14,700		
	ii) 150 mm - Limestone		tonne	55,500		
A.3	Supplying and Placing Base Course Material	CW 3110-R7	m ³	4,450		
A.4	Reuse of Base Course From Sterling Lyon Staging	E11.	m ³	700		
A.5	Grading of Boulevards	CW 3110-R7	m ²	9,700		
A.6	Ditch Grading	CW 3110-R7	m ²	300		
A.7	Removal of Existing Concrete Bases	CW 3110-R7				
	i) 600mm Diameter or Less		each	10		
A.8	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	37,500		
A.9	Topsoil Excavation	E10.	m ³	4,000		
A.10	Common Excavation	E10.				
	i) Suitable Site Material		m ³	8,700		
	ii) Unsuitable Site Material		m ³	57,200		
A.11	Fill Material	E10.				
	i) Placing Suitable Site Material		m ³	8,100		
A.12	Placing Stockpiled Topsoil	E10.	m ³	2,500		
A.13	Preparation of Existing Ground Surface	E10.	m ²	40,700		
A.14	Backfill Material- Sand	CW 2030-R7	m ³	40		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORKS - RENEWALS						
A.15	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m ²	4,350		
	ii) Asphalt Pavement		m ²	3,100		
A.16	Drilled Tie Bars	CW 3230-R4				
	i) 20 M Deformed Tie Bar		each	700		
A.17	Concrete Curb Removal	CW 3240-R5				
	i) Barrier- Separate		m	750		
	ii) Splash Strip		m	70		
A.18	Construction of Asphaltic Concrete Overlay	CW 3410-R6				
	i) Main Line Paving					
	a) Type IA		tonne	200		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	50		
A.19	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	200		
	ii) 50 - 100 mm Depth (Asphalt)		m ²	400		
A.20	Remove & Salvage Wood Fence	E13.	m	370		
A.21	Remove & Salvage Steel Fence	E13.	m	60		
A.22	Install Salvaged Wood Fence	E13.	m	310		
A.23	Install Salvaged Steel Fence	E13.	m	45		
A.24	Access Gate	E13.	each	1		
ROADWORKS - NEW CONSTRUCTION						
A.25	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R9 E12.				
	i) Construction of 250 mm Concrete Pavement (Plain-Dowelled, Slip Form Paving)		m ²	1,150		
	ii) Construction of 250 mm Concrete Pavement (Plain-Dowelled)		m ²	500		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	iii) Construction of 230 mm Concrete Pavement (Plain-Dowelled, Slip Form Paving)		m ²	8,200		
	iv) Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m ²	1,560		
	v) Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	180		
	vi) Construction of Monolithic Concrete Median Slabs for Asphalt Pavement		m ²	360		
	vii) Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	35		
	viii) Construction of Monolithic Concrete Bull-noses for Asphalt Pavement		m ²	20		
A.26	Concrete Pavements for Early Opening	CW 3310-R9				
	i) Construction of 250 mm Concrete Pavement for Early Opening (72 hr, Plain-Dowelled)		m ²	275		
A.27	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R9 E12.				
	i) Construction of Barrier (180 mm ht, Dowelled, Slip Form Paving)	SD-205	m	20		
	ii) Construction of Barrier (180 mm ht, Separate, Slip Form Paving)	SD-203A	m	100		
	iii) Construction of Ramp Curb (15 mm ht)	SD-229E	m	30		
	iv) Construction of Ramp Curb For Asphalt Pavement (15 mm ht)		m	25		
	v) Construction of Splash Strip (150 mm ht, Barrier Curb, Integral, 600mm width, Slip Form Paving)	SD-227B	m	84		
	vi) Construction of Splash Strip (180 mm ht, Barrier Curb, Integral, 600mm width, Slip Form Paving)	SD-227B	m	2,050		
	vii) Construction of Splash Strip For Asphalt Pavement (180 mm ht, Barrier Curb, Integral, 600mm width, Slip Form Paving)		m	1,750		
	viii) Construction of Splash Strip (180 mm ht, Modified Barrier Curb, Integral, 600mm width)	SD-227B SD-203B	m	25		
	ix) Construction of Splash Strip For Asphalt Pavement (180 mm ht, Modified Barrier Curb, Integral, 600mm width)		m	90		
A.28	Supply and Installation of Dowel Assemblies	CW 3310-R9				
	i) 28.6 mm diameter dowels		m	1,975		
	ii) 31.8 mm diameter dowels		m	50		
	iii) 31.8 mm diameter dowels (6:1 skew)		m	350		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.29	100 mm Concrete Sidewalk	CW 3325-R2	m ²	200		
A.30	Interlocking Paving Stones	CW 3335-R3 E14.	m ²	120		
A.31	Lean Concrete Base	CW 3335-R3 E14.	m ²	120		
A.32	Construction of Asphaltic Concrete Pavements	CW 3410-R6				
	i) Main Line Paving					
	a) Type IA		tonne	3,750		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	170		
A.33	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R6	tonne	5,500		
A.34	Supply & Install Energite Barrels	E15.				
	i) 640 kg barrel		each	6		
	ii) 320 kg barrel		each	3		
	iii) 180 kg barrel		each	1		
	iv) 90 kg barrel		each	2		
	JOINT AND CRACK SEALING					
A.35	Reflective Crack Maintenance	CW 3250-R6	m	3,500		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.36	Land Drainage Sewers	CW 2130-R9				
	i) 450 mm C76-III					
	a) in a trench, Class B bedding, Class 3 backfill, 0-4 m deep		m	71		
	b) in a trench, Class B bedding, Class 5 backfill, 0-4 m deep		m	10		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	525 mm C76-III					
	a) in a trench, Class B bedding, Class 3 backfill, 0-4 m deep		m	104		
	b) in a trench, Class B bedding, Class 5 backfill, 0-4 m deep		m	106		
iii)	600 mm C76-III					
	a) in a trench, Class B bedding, Class 3 backfill, 0-4 m deep		m	62		
	b) in a trench, Class B bedding, Class 5 backfill, 0-4 m deep		m	33		
iv)	750 mm C76-III					
	a) in a trench, Class B bedding, Class 3 backfill, 0-4 m deep		m	214		
	b) in a trench, Class B bedding, Class 5 backfill, 0-4 m deep		m	194		
v)	750 mm C76-V					
	a) trenchless installation, Class B bedding, Class 3 backfill		m	45		
vi)	900 mm C76-III					
	a) in a trench, Class B bedding, Class 3 backfill, 0-4 m deep		m	270		
	b) in a trench, Class B bedding, Class 5 backfill, 0-4 m deep		m	87		
A.37	Sewer Inspection	CW 2145-R2				
	i) Land Drainage Sewers					
	a) 450 mm		m	81		
	b) 525 mm		m	210		
	c) 600 mm		m	95		
	d) 750 mm		m	508		
	e) 900 mm		m	357		
A.38	Concrete Pipe 3 Edge Bearing Test	CW 2130-R9				
	i) 450 mm C76-III		each	1		
	ii) 525 mm C76-III		each	1		

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	iii) 600 mm C76-III		each	1		
	iv) 750 mm C76-III		each	1		
	v) 900 mm C76-III		each	1		
A.39	Construction of Ditch Inlet Structure	E16.				
	i) Precast Ditch Inlet Structure		LS	1		
	ii) Safety Gate		LS	1		
A.40	Manholes	CW 2130-R9				
	i) SD-010					
	a) 1200 mm base		v.m	8.0		
	b) 1350 mm base		v.m	2.0		
	c) 1500 mm base		v.m	10.0		
	d) 1800 mm base		v.m	12.0		
	e) 2100 mm base		v.m	6.0		
	ii) Remove and Replace Special Manhole	E17.	v.m	7.0		
A.41	Concrete Flared End Sections	E18.				
	i) 450 mm c/w Safety Gate		each	2		
	ii) 600 mm		each	2		
	iii) 600 mm c/w Safety Gate		each	3		
	iv) 750 mm		each	1		
	v) 900 mm		each	1		
A.42	Catch Basin	CW 2130-R9 E34.				
	i) SD-024		each	11		
	ii) SD-025 c/w ditch inlet grate		each	13		
A.43	Catch Pit	CW 2130-R9				
	i) SD-023		each	11		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.44	Sewer Service	CW 2130-R9				
	i) 300 mm PVC					
	a) in a Trench, Class B bedding with Sand, Class 3 backfill		m	250		
A.45	Drainage Connection Pipe	CW 2130-R9	m	22		
A.46	Replacing Standard Frames & Covers	CW 2130-R9				
	i) AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	2		
	ii) AP-009 - Barrier Curb and Gutter Inlet Cover		each	2		
A.47	Connecting new Sewer Service to Existing Sewer Service	CW 2130-R9				
	i) 250 mm		each	2		
A.48	Relocation of Existing Catchbasins	CW 2130-R9	each	2		
A.49	Relocation of Existing Catch Pit	CW 2130-R9	each	1		
A.50	Installation of Subdrains	CW 3120-R1	m	795		
A.51	Non-Perforated Drainage Pipe	E19.	m	120		
A.52	Drainage Trench	E19.	m	170		
A.53	Corrugated Steel Pipe - Supply	CW 3610-R3 E20.				
	i) 400mm, 1.6 mm wall thickness		m	23		
	ii) 450mm, 1.6 mm wall thickness		m	13		
	iii) 600mm, 2.0 mm wall thickness		m	8		
	iv) 1630 mm x 1120 mm, 8 mm wall thickness		m	3		
A.54	Corrugated Steel Pipe - Install	CW 3610-R3 E20.				
	i) 400mm, 1.6 mm wall thickness		m	23		
	ii) 450mm, 1.6 mm wall thickness		m	13		
	iii) 600mm, 2.0 mm wall thickness		m	8		
	iv) 1630 mm x 1120 mm, 8 mm wall thickness		m	3		
A.55	Connections to Existing Culverts	CW 3610-R3	each	1		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.56	Removal of Existing Culverts	E21.				
	i) 450mm		m	46		
	ii) 600mm		m	52		
A.57	Grouted Stone Riprap	CW 3615-R2	m ³	175		
A.58	Supply of Curb Inlet Frames	CW 3210-R6	each	1		
	ADJUSTMENTS					
A.59	Adjustment of Valve Boxes	CW 3210-R6	each	5		
A.60	Valve Box Extensions	CW 3210-R6	each	5		
A.61	Raising of Hydrant	E35.	each	1		
A.62	Lowering of Hydrant	E35.	each	1		
A	<u>STERLING LYON PARKWAY WEST OF KENASTON BOULEVARD- PAVEMENT CONSTRUCTION</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>KENASTON BOULEVARD ROAD DETOUR- PAVEMENT CONSTRUCTION</u>					
	EARTH AND BASE WORKS					
B.1	Clearing and Grubbing	CW 3010-R4	ha	0.100		
B.2	Crushed Sub-base Material	CW 3110-R7				
	i) 50 mm - Limestone		tonne	5,900		
	ii) 150 mm - Limestone		tonne	14,650		
B.3	Supplying and Placing Base Course Material	CW 3110-R7	m ³	2,000		
B.4	Removal of Existing Concrete Bases	CW 3110-R7				
	i) 600mm Diameter or Less		each	8		
	ii) Greater than 600mm Diameter		each	2		
B.5	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	13,250		
B.6	Non-Woven Geotextile Fabric	E22.	m ²	3,700		
B.7	Topsoil Excavation	E10.	m ³	1,400		
B.8	Common Excavation	E10.				
	i) Suitable Site Material		m ³	2,300		
	ii) Unsuitable Site Material		m ³	4,700		
B.9	Fill Material	E10.				
	i) Placing Suitable Site Material		m ³	2,000		
B.10	Preparation of Existing Ground Surface	E10.	m ²	13,250		
	ROADWORKS - RENEWALS					
B.11	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement		m ²	300		
B.12	Miscellaneous Concrete Slab Removal	CW 3235-R5				
	i) Monolithic Median Slab		m ²	60		
	ii) Sidewalk		m ²	45		
	iii) Bullnose		m ²	10		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.13	Concrete Curb Removal	CW 3240-R5				
	i) Barrier- Separate		m	800		
B.14	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	770		
ROADWORKS - NEW CONSTRUCTION						
B.15	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R9				
	i) Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	10		
B.16	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R9				
	i) Construction of Barrier (100 mm ht, Dowelled)	SD-205	m	180		
	ii) Construction of Barrier (150 mm ht, Dowelled)	SD-205	m	870		
B.17	Construction of Asphaltic Concrete Pavements	CW 3410-R6				
	i) Main Line Paving					
	a) Type IA		tonne	3,400		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	100		
B.18	Supply & Install Energite Barrels	E15.				
	i) 640 kg barrel		each	6		
	ii) 320 kg barrel		each	3		
	iii) 180 kg barrel		each	1		
	iv) 90 kg barrel		each	2		
B.19	Installation of Barrier Posts	CW 3650-R4 E23.	each	20		
B.20	Installation of Barrier Rails	CW 3650-R4 E23.	m	110.7		
B.21	Remove & Salvage Chain Link Fence	E13.	m	606		
B.22	Install Salvaged Chain Link Fence	E13.	m	421		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
B.23	Catch Basin	CW 2130-R9				
	i) SD-025 (1200 deep)		each	2		
	ii) SD-025 (1800 deep)		each	3		
B.24	Catch Pit	CW 2130-R9				
	i) SD-023		each	7		
B.25	Sewer Service	CW 2130-R9				
	i) 250 mm PVC					
	a) in a Trench, Class B Type with Sand, Class 3 backfill		m	64		
	ii) 300 mm PVC					
	a) in a Trench, Class B Type with Sand, Class 3 backfill		m	30		
	iii) 375 mm PVC					
	a) in a Trench, Class B Type with Sand, Class 3 backfill		m	20		
B.26	Connecting to Existing Catch Basin	CW 2130-R9				
	i) 250 mm Sewer Service Pipe		each	4		
ADJUSTMENTS						
B.27	Adjustment of Catch Basins / Manholes Frames	CW 3210-R6	each	2		
B	<u>KENASTON BOULEVARD ROAD DETOUR- PAVEMENT CONSTRUCTION</u>				Subtotal:	

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
C	<i>CN RIVERS SUBDIVISION RAIL DETOUR- GRADE CONSTRUCTION</i>						
	EARTH AND BASE WORKS						
C.1	Topsoil Excavation	E10.	m ³	210			
C.2	Common Excavation	E10.					
	i) Suitable Site Material		m ³	1,050			
	ii) Unsuitable Site Material		m ³	1,100			
C.3	Fill Material	E10.					
	i) Placing Suitable Site Material		m ³	950			
C.4	Preparation of Existing Ground Surface	E10.	m ²	7,800			
C.5	Supply and Placing Sub-Ballast Material	E24.	tonne	6,050			
C.6	Abandonment of Existing DND Loading Dock	E25.	LS	1			
	ROADWORKS - RENEWALS						
C.7	Pavement Removal	CW 3110-R7					
	i) Concrete Pavement		m ²	2,600			
C.8	Remove & Salvage Chain Link Fence	E13.	m	526			
C.9	Install Salvaged Chain Link Fence	E13.	m	475			
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
C.10	Corrugated Steel Pipe - Supply	CW 3610-R3 E20.					
	i) 450mm, 2.0 mm wall thickness		m	57			
C.11	Corrugated Steel Pipe - Install	CW 3610-R3 E20.					
	i) 450mm, 2.0 mm wall thickness		m	57			
C	<i>CN RIVERS SUBDIVISION RAIL DETOUR- GRADE CONSTRUCTION</i>					Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<u>CLARKE TRANSPORT ACCESS ROAD- PAVEMENT CONSTRUCTION</u>					
	EARTH AND BASE WORKS					
D.1	Clearing and Grubbing	CW 3010-R4	ha	0.300		
D.2	Crushed Sub-base Material	CW 3110-R7				
	i) 50 mm - Limestone		tonne	900		
	ii) 150 mm - Limestone		tonne	3,400		
D.3	Supplying and Placing Base Course Material	CW 3110-R7	m ³	360		
D.4	Grading of Boulevards	CW 3110-R7	m ²	200		
D.5	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	2,450		
D.6	Common Excavation	E10.				
	i) Suitable Site Material		m ³	440		
	ii) Unsuitable Site Material		m ³	1,000		
D.7	Fill Material	E10.				
	i) Placing Suitable Site Material		m ³	400		
D.8	Preparation of Existing Ground Surface	E10.	m ²	2,450		
	ROADWORKS - NEW CONSTRUCTION					
D.9	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R9 E12.				
	i) Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m ²	300		
	ii) Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	10		
	iii) Construction of Monolithic Concrete Median Slabs for Asphalt Pavement		m ²	75		
	iv) Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	5		
	v) Construction of Monolithic Concrete Bull-noses for Asphalt Pavement		m ²	5		
D.10	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R9 E12.				
	i) Construction of Splash Strip For Asphalt Pavement (180 mm ht, Barrier Curb, Integral, 600mm width, Slip Form Paving)		m	200		
	ii) Construction of Splash Strip (180 mm ht, Barrier Curb, Integral, 600mm width, Slip Form Paving)	SD-227B	m	50		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.11	Supply and Installation of Dowel Assemblies	CW 3310-R9	m	60		
D.12	Construction of Asphaltic Concrete Pavements	CW 3410-R6				
	i) Main Line Paving					
	a) Type IA		tonne	220		
D.13	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R6	tonne	570		
	JOINT AND CRACK SEALING					
D.14	Reflective Crack Maintenance	CW 3250-R6	m	350		
D.15	Remove & Salvage Chain Link Fence	E13.	m	22		
D.16	Install Salvaged Chain Link Fence	E13.	m	20		
D.17	Gates	CW 3550-R2	m	10		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.18	Catch Pit	CW 2130-R9				
	i) SD-023		each	2		
D.19	Sewer Service	CW 2130-R9				
	i) 300 mm					
	a) in a Trench, Class B Type with Sand, Class 3 backfill		m	11		
D.20	Installation of Subdrains	CW 3120-R1	m	55		
D.21	Grouted Stone Riprap	CW 3615-R2	m ³	10		
D	<i>CLARKE TRANSPORT ACCESS ROAD- PAVEMENT CONSTRUCTION</i>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>LANDSCAPING</u>					
E.1	Sodding	CW 3510-R8 E26.				
	i) Edge Sod c/w 50 mm Imported Topsoil (< or = 600 mm width)		m ²	625		
	ii) Edge Sod on previously placed conditioned site topsoil or soil amendments (< or = 600 mm width)		m ²	2,120		
	iii) Sod c/w 100 mm Imported Topsoil (> 600 mm width)		m ²	6,800		
E.2	Seeding	CW 3520-R6 E27.				
	i) Turf Grass Seed Mix (for touch-up seeding)		m ²	100		
	ii) Ditch Seed Mix (with conditioned topsoil)		m ²	47,650		
	iii) Ditch Seed Mix (with imported topsoil)		m ²	15,300		
	iv) Salt-Tolerant Prairie Grass Seed Mix		m ²	2,200		
	v) Trefoil and Clover Seed Mix		m ²	14,000		
E.3	Trefoil and Vetch Over-Seeding	E27.	m ²	6,800		
E.4	Plant List	E28.				
	i) American Elm (65 mm cal.)		each	3		
	ii) Bergeson Ash		each	1		
	iii) American Basswood (65 mm cal.)		each	1		
	iv) Amur Maple (0.75 m ht.)		each	2		
	v) Sedum (2 yr)		each	22		
	vi) Coronation Triumph Potentilla (0.50 m ht.)		each	61		
	vii) Highbush Cranberry (0.75 m ht.)		each	27		
	viii) Virginia Creeper (2 yr)		each	21		
E.5	Conditioning of Previously Spread Site Topsoil	E29.	m ²	49,780		
E.6	Planting Beds with Planting Soil Mixture	E29.	m ²	400		
E.7	Wood Chip Mulch	E29.	m ²	400		
E.8	Soil Amendments for Native Seeding and Trefoil and Clover Seed Mix	E29.	m ²	16,800		
E.9	Erosion Control Blanket	E29.	m ²	50		
E.10	Straw Wattle	E29.	m	400		
E.11	Plastic Edging	E29.	m	120		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.12	Chemical Application of Herbicide	E30.	m ²	5,000		
E.13	General Maintenance of Landscaping	E31.				
	i) General Plant Material and Planting Bed Maintenance		Annual	2		
	ii) General Sod Maintenance		Annual	2		
	iii) General Maintenance of Salt-tolerant Prairie Grass Areas		Annual	2		
	iv) General Maintenance of Trefoil and Clover Areas		Annual	2		
	v) General Clean-up Operations		Annual	2		
E.14	Annual Spring Cleanup of Landscaped Areas	E31.	Annual	2		
E	<u>LANDSCAPING</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
F	<u>PROVISIONAL ITEMS</u>						
F.1	Precast Concrete Traffic Barriers	E23.					
	i) Supply New Barriers		m	165			
	ii) Install New Barriers		m	165			
	iii) Install City Supplied Barriers		m	381			
F.2	"Quadguard System" Crash Cushions	E23.					
	i) Supply Quadguard System		each	5			
	ii) Install Quadguard System		each	3			
	iii) Supply Additional Miscellaneous Spare Parts		each	1			
F	<u>PROVISIONAL ITEMS</u>					Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
A	<u>STERLING LYON PARKWAY WEST OF KENASTON BOULEVARD- PAVEMENT CONSTRUCTION</u>				Subtotal:	
B	<u>KENASTON BOULEVARD ROAD DETOUR- PAVEMENT CONSTRUCTION</u>				Subtotal:	
C	<u>CN RIVERS SUBDIVISION RAIL DETOUR- GRADE CONSTRUCTION</u>				Subtotal:	
D	<u>CLARKE TRANSPORT ACCESS ROAD- PAVEMENT CONSTRUCTION</u>				Subtotal:	
E	<u>LANDSCAPING</u>				Subtotal:	
F	<u>PROVISIONAL ITEMS</u>				Subtotal:	
TOTAL BID PRICE (GST extra) (in figures) _____						
(in words) _____						

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2)
(See B11)

BID BOND

KNOW ALL MEN BY THESE PRESENTS THAT

_____ (hereinafter called the "Principal") and

_____ (hereinafter called the "Surety"), are held and firmly bound unto **THE CITY OF WINNIPEG** (hereinafter called the "Obligee") in the sum of ten percent (10%) of the Total Bid Price set out in the Bid Submission hereinafter described, for the payment of which sum the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a Bid to the Obligee dated the

_____ day of _____, 20_____ for

BID OPPORTUNITY NO. 84-2005

KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY WEST OF KENASTON BOULEVARD – ROADWORKS AND LAND DRAINAGE,
KENASTON BOULEVARD ROAD DETOUR - ROADWORKS,
CN RIVERS SUBDIVISION RAIL DETOUR – GRADE PREPARATION

as more fully set out in the Bid Opportunity.

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

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

_____ day of _____, 20_____ .

SIGNED AND SEALED
in the presence of:

(Witness)

(Name of Principal)

Per: _____ (Seal)

Per: _____

(Name of Surety)

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

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2)
(See B11)

AGREEMENT TO BOND

(to be attached to and to form part of Bid Bond)

The Surety on the attached Bid Bond hereby undertakes and agrees with **THE CITY OF WINNIPEG** to become bound as Surety for the Principal,

_____ of
(Name of Bidder)

(Place)

the Bidder to you on _____, 20____ for

BID OPPORTUNITY NO. 84-2005

KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY WEST OF KENASTON BOULEVARD – ROADWORKS AND LAND DRAINAGE,
KENASTON BOULEVARD ROAD DETOUR - ROADWORKS,
CN RIVERS SUBDIVISION RAIL DETOUR – GRADE PREPARATION

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 B11)**

(Date)

The City of Winnipeg
Corporate Finance Department
Materials Management Division
185 King Street, Main Floor
Winnipeg MB R3B 1J1

RE: BID SECURITY – BID OPPORTUNITY NO. 84-2005

KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY WEST OF KENASTON BOULEVARD – ROADWORKS AND LAND
DRAINAGE,
KENASTON BOULEVARD ROAD DETOUR - ROADWORKS,
CN RIVERS SUBDIVISION RAIL DETOUR – GRADE PREPARATION

Pursuant to the request of and for the account of our customer,

(Name of Bidder)

(Address of Bidder)

WE HEREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding
in the aggregate

Canadian dollars.

This Standby Letter of Credit may be drawn on by you at any time and from time to time upon written demand for payment made upon us by you. It is understood that we are obligated under this Standby Letter of Credit for the payment of monies only and we hereby agree that we shall honour your demand for payment without inquiring whether you have a right as between yourself and our customer to make such demand and without recognizing any claim of our customer or objection by the customer to payment by us.

The amount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upon it by you or by formal notice in writing given to us by you if you desire such reduction or are willing that it be made.

Partial drawings are permitted.

We engage with you that all demands for payment made within the terms and currency of this Standby Letter of Credit will be duly honoured if presented to us at:

(Address)

and we confirm and hereby undertake to ensure that all demands for payment will be duly honoured by us.

FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING
(BID SECURITY) (Page 2 of 2)
(See B11)

All demands for payment shall specifically state that they are drawn under this Standby Letter of Credit.

This Standby Letter of Credit will expire on July 9, 2005

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)