

PART A

BID SUBMISSION

FORM A: BID
(See B8)

1. Project Title

KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY (EAST)
ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND
WORKS

2. Bidder

Name of Bidder

Street

City Province Postal Code

(Mailing address if different)

Street or P.O. Box

City Province Postal Code

The Bidder is:

(Choose one)

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person

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

Contact Person Title

Telephone Number Facsimile Number

4. Definitions

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

5. Offer

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

6. Bid Security
- In accordance with B11.1, the Bidder encloses bid security in the form of:
- (Choose one)
- a bid bond (Form G1: Bid Bond and Agreement to Bond)
- an irrevocable standby letter of credit (Form G2: Irrevocable Standby Letter of Credit and Undertaking)
- a certified cheque or draft
- and agrees that it shall be held by the City in accordance with the Contract.
7. Execution of Contract
- The Bidder agrees to execute and return the Contract no later than seven (7) Calendar Days after receipt of the Contract, in the manner specified in GC:4.
8. Commencement of the Work
- The Bidder agrees that no Work shall commence until he is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.
9. Contract
- The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid Submission.
10. Addenda
- The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:
- No. _____ Dated _____
- _____
- _____
11. Time
- This offer shall be open for acceptance, binding and irrevocable for a period of Sixty (60) Calendar Days following the Submission Deadline.

12. Signatures

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

_____ day of _____, 20_____ .

Signed and sealed in
the presence of:

(Witness)

(Witness)

Signature of Bidder or
Bidder's Authorized Official or Officials

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

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

SEAL

FORM B: PRICES
 (SEE B9)

**KENASTON UNDERPASS PROJECT
 STERLING LYON PARKWAY (EAST)
 ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS**

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART I - UNDERGROUND WORKS						
A	<u>LAND DRAINAGE SEWERS - STERLING LYON PARKWAY (EAST) - CPR LA RIVIERE TO VICTOR LEWIS DRIVE</u>					
	GRAVITY SEWERS AND RELATED WORKS					
A.1	Land Drainage Sewers	E18				
	i) 1500mm C76-III					
	a) in a trench, Class B bedding, Class 2 Backfill, 4-5m deep		m	5.0		
	ii) 750mm C76-III					
	a) in a trench, Class B bedding, Class 2 Backfill, 4-5m deep		m	4.0		
	b) trenchless installation, Class B bedding, Class 2 Backfill		m	116.0		
	iii) 600mm C76-III					
	a) in a trench, class B bedding, Class 4 Backfill, 4-5m deep		m	90.0		
	b) in a trench, Class B bedding, Class 2 Backfill, 4-5m deep		m	4.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	26.0		
	iv) 525mm C76 IV					
	a) in a trench, Class B bedding, Class 4 Backfill		m	92.0		
	b) in a trench, Class B bedding, Class 2 Backfill		m	4.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	18.0		
	v) 450mm C76 III					
	a) in a trench, Class B bedding, Class 4 Backfill		m	135.0		
	b) in a trench, Class B bedding, Class 2 Backfill		m	8.0		
	vi) 450mm C14-3					
	a) in a trench, Class B bedding, Class 4 Backfill		m	108.0		
	b) in a trench, Class B bedding, Class 2 Backfill		m	4.0		

FORM B: PRICES
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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	vii) 375mm C14-3					
	a) in a trench, Class B bedding, Class 4 Backfill		m	159.0		
	b) in a trench, Class B bedding, Class 2 Backfill		m	16.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	58.0		
	viii) 300mm C14-3					
	a) in a trench, Class B bedding, Class 4 Backfill		m	35.0		
	b) in a trench, Class B bedding, Class 2 Backfill		m	26.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	110.0		
A.2	Manholes	CW 2130-R9				
	i) SD-010					
	a) 1200mm Base		v.m	20.0		
	b) 2700mm Base		v.m	6.0		
	ii) SD-011					
	a) 1200mm Base		v.m	4.0		
A.3	Catch Basin	CW 2130-R9				
	i) SD-024		each	13		
	ii) SD-025 c/w ditch inlet grate	E18	each	7		
A.4	Catch Pit	CW 2130-R9				
	i) SD-023		each	9		
A.5	Drainage Connection Pipe	CW 2130-R9	m	18.0		
A.6	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.7	Connecting to Existing Sewer	CW 2130-R9				
	i) 1500mm LDS of connecting pipe to 1500 mm LDS of Sewer					
	a) Connecting to 1500mm LDS		each	1		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.8	Connecting to Existing Manhole	CW 2130-R9				
	i) 375mm		each	1		
A.9	Removal of Existing Manhole	CW 2130-R9	each	1		
A.10	Removal of Existing Catchbasins	CW 2130-R9	each	1		
A.11	Plugging Existing Sewer Services Smaller than 300mm	CW 2130-R9	each	1		
A.12	Ditch Grading	CW 3110-R7	m ²	7085.0		
A.13	Ditch Excavation	CW 3110-R7	m ³	830.0		
A.14	Concrete Pipe 3 Edge Bearing Test	CW 2130-R9				
	i) 750mm C76-III		each	1		
	ii) 600mm C76-III		each	1		
	iii) 450mm C76-III		each	1		
A.15	Grouted Stone RipRap	CW 3615-R2	m ³	16.5		
A.16	Televised Sewer Inspection	CW 2145-R2				
	i) Land Drainage Sewers					
	a) 375mm		m	316.0		
	b) 450mm		m	285.0		
	c) 600mm		m	120.0		
	d) 750mm		m	120.0		
A	<u>LAND DRAINAGE SEWERS - STERLING LYON PARKWAY (EAST) - CPR LA RIVIERE TO VICTOR LEWIS DRIVE</u>				Subtotal:	
B	<u>LAND DRAINAGE SEWERS - STERLING LYON PARKWAY (EAST) - KENASTON BOULEVARD TO CPR LA RIVIERE</u>					
	GRAVITY SEWERS AND RELATED WORKS					
B.1	Land Drainage Sewers	E18				
	i) 1800mm C76-III					
	a) in a trench, class B bedding, Class 4 Backfill, 5-6m deep		m	207.0		
	b) in a trench, Class B bedding, Class 2 Backfill, 5-6m deep		m	133.0		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	20.0		
ii)	1650mm C76-III					
	a) in a trench, class B bedding, Class 4 Backfill, 5-6m deep, 5-6m deep		m	97.0		
	b) in a trench, Class B bedding, Class 2 Backfill		m	4.0		
iii)	1650mm C76-V					
	a) in a trench, class B bedding, Class 4 Backfill		m	66.0		
	b) in a trench, class B bedding, Class 2 Backfill		m	4.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	30.0		
iv)	750mm C76-V					
	a) in a trench, class B bedding, Class 2 Backfill, 5-6m deep		m	15.0		
	b) trenchless installation, Class B bedding, Class 2 Backfill		m	40.0		
v)	525mm C76-III					
	a) in a trench, Class B bedding, Class 4 Backfill		m	87.0		
	b) in a trench, Class B bedding, Class 2 Backfill		m	4.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	26.0		
vi)	375mm C14-3					
	a) in a trench, Class B bedding, Class 4 Backfill		m	77.0		
	b) in a trench, Class B bedding, Class 2 Backfill		m	18.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	115.0		
vii)	300mm C14-3					
	a) in a trench, Class B bedding, Class 4 Backfill		m	13.0		

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	b) in a trench, Class B bedding, Class 2 Backfill		m	25.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	70.0		
B.2	Special Precast Fittings	E-18				
	i) 1800x900 Wye in a trench, Class B bedding, Class 2 Backfill		each	1		
	ii) 1800-22.5° Bend, in a trench, Class B bedding, Class 2 Backfill		each	2		
	iii) 2100x1800 Reducer in a trench, Class B bedding, Class 2 Backfill		each	1		
	iv) 2100-22.5° Bend, in a trench, Class B bedding, Class 2 Backfill		each	1		
B.3	Manholes	CW 2130-R9				
	i) SD-010					
	a) 1200mm Base		v.m	3.0		
	b) 3000mm Base		v.m	6.0		
	ii) SD-011					
	a) 1800mm Base		v.m	24.0		
	b) 1650mm Base		v.m	6.0		
B.4	Catch Basin	CW 2130-R9				
	i) SD-024		each	8		
	ii) SD-025 c/w ditch inlet grate	E18	each	10		
B.5	Catch Pit	CW 2130-R9				
	i) SD-023		each	4		
B.6	Drainage Connection Pipe	CW 2130-R9	m	12.0		
B.7	Connecting to Existing Sewer	CW 2130-R9				
	i) 2100mm LDS of connecting pipe to 2100 mm LDS of Sewer					
	a) Connecting to 2100mm LDS		each	1		
B.8	Ditch Grading	CW 3110-R7	m ²	1930.0		
B.9	Ditch Excavation	CW 3110-R7	m ³	275.0		

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B.10	Grouted Stone Riprap	CW 3615-R2	m ³	24.0		
B.11	Concrete Pipe 3 Edge Bearing Test	CW 2130-R9				
	i) 1800mm C76-III		each	1		
	ii) 1650mm C76-III		each	1		
	iii) 1650mm C76-V		each	1		
	iv) 750mm C76-V		each	1		
	v) 525mm C76-III		each	1		
B.12	Televised Sewer Inspection	CW 2145-R2				
	i) Land Drainage Sewers					
	a) 375mm		m	221.0		
	b) 525mm		m	104.0		
	c) 750mm		m	55.0		
B	<u>LAND DRAINAGE SEWERS - STERLING LYON PARKWAY (EAST) - KENASTON BOULEVARD TO CPR LA RIVIERE</u>				Subtotal:	
C	<u>LAND DRAINAGE SEWERS - PATRICK WAY</u>					
C.1	Land Drainage Sewers	E-18				
	i) 1500mm C76 III					
	a) in a trench, Class B bedding, Class 4 Backfill, 4-5m deep		m	91.0		
	b) in a trench, Class B bedding, Class 2 Backfill, 4-5m deep		m	41.0		
	ii) 1350mm C76 III					
	a) in a trench, class B bedding, Class 4 Backfill, 4-5m deep		m	289.0		
	b) in a trench, Class B bedding, Class 2 Backfill, 4-5m deep		m	34.0		
	iii) 450mm C14-3					
	a) in a trench, class B bedding, Class 4 Backfill		m	18.0		
	b) in a trench, class B bedding, Class 2 Backfill		m	4.0		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	iv) 375mm C14-3					
	a) in a trench, Class B bedding, Class 4 backfill		m	11.0		
	b) in a trench, Class B bedding, Class 4 backfill		m	4.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	15.0		
C.2	Manholes	CW 2130-R9				
	i) SD-011					
	a) 1500mm Base		v.m	12.0		
	b) 1350mm Base		v.m	18.0		
C.3	Catch Basin	CW 2130-R9				
	i) SD-025 c/w ditch inlet grade	E18	each	2		
C.4	Concrete Pipe 3 Edge Bearing Test	CW 2130-R9				
	i) 1500mm C76-III		each	1		
	ii) 1350mm C76-III		each	1		
	iii) 450mm C76-III		each	1		
C.5	Grouted Stone Riprap	CW 3615-R2	m ³	5.0		
C.6	Televised Sewer Inspection	CW 2145-R2				
	i) Land Drainage Sewers					
	a) 450mm		m	22.0		
	b) 375mm		m	30.0		
C	<u>LAND DRAINAGE SEWERS - PATRICK WAY</u>				Subtotal:	
D	<u>FORCEMAIN AND LAND DRAINAGE SEWERS - KENASTON BOULEVARD</u>					
D.1	Land Drainage Sewers	CW 2130-R9				
	i) 900mm C76-III					
	a) in a trench, Class B bedding, Class 2 Backfill, 5-6m deep		m	3.0		
	b) trenchless installation, Class B bedding, Class 2 Backfill		m	24.0		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ii) 750mm C76-III On-Line Renewal					
	a) in a trench, Class B bedding, Class 2 Backfill, 5-6m deep		m	172.0		
	b) in a trench, Class B bedding, Class 4 Backfill, 5-6m deep		m	45.0		
	iii) 600mm C76-III					
	a) in a trench, class B bedding, Class 2 Backfill		m	4.0		
	b) in a trench, Class B bedding, Class 4 Backfill		m	63.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	17.0		
	iv) 300mm C14-3					
	a) in a trench, class B bedding, Class 2 Backfill		m	8.0		
	v) 250mm SDR-35					
	a) in a trench, class B bedding, Class 4 Backfill		m	10.0		
D.2	Forcemain	E21				
	i) 750mm Forcemain					
	a) in a trench, Class B bedding, Class 4 Backfill, 4-5m deep		m	168.0		
	b) in a trench, class B bedding, Class 2 Backfill, 4-5m deep		m	77.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	102.0		
D.3	Manholes	CW 2130-R9				
	i) SD-010					
	a) 1350mm Base		v.m	10.0		
	ii) SD-011					
	a) 1200mm Base		v.m	6.0		
D.4	Removal of Existing Catchbasins	CW 2130-R9	each	2		
D.5	Removal of Existing Manholes	CW 2130-R9	each	2		
D.6	Catch Basin	CW 2130-R9				
	i) SD-024		each	1		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.7	Catch Pit	CW 2130-R9				
	i) SD-023		each	2		
D.8	Drainage Connection Pipe	CW 2130-R9	m	4.0		
D.9	Connecting to Existing Manhole	CW 2130-R9				
	i) 750mm		each	1		
	ii) 900mm		each	1		
D.10	Reconnect Existing Catch Basin Lead to New 750 LDS	CW 2130-R9	each	1		
D.11	Adjustment of Catch basins / Manholes Frames	CW 3210-R6	each	3		
D.12	Televised Sewer Inspection	CW 2145-R2				
	i) Land Drainage Sewers					
	a) 600mm		m	84.0		
	b) 750mm		m	217.0		
	c) 900mm		m	27.0		
D	<u>FORCEMAIN AND LAND DRAINAGE SEWERS - KENASTON BOULEVARD</u>				Subtotal:	
E	<u>MISCELLANEOUS MUNICIPAL SERVICES</u>					
	WATERMANS ON STERLING LYON PARKWAY (EAST) - CPR LA RIVIERE TO VICTOR LEWIS DRIVE					
E.1	Watermains	CW 2110-R7				
	i) 300mm PVC					
	a) in a trench, Class B bedding, Class 4 Backfill		m	6.0		
	b) in a trench, Class B bedding, Class 2 Backfill		m	24.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	50.0		
E.2	Watermain Valve	CW 2110-R7				
	i) 300mm		each	2		
E.3	Fittings	CW 2110-R7				
	i) Tees					
	a) 300mmx300mmx300mm		each	1		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.4	ii) Plugs	CW 2110-R8				
	a) 300mm		each	3		
	iii) Reducers					
	a) 300-250		each	1		
	iv) Bends (SD-004)					
	a) 300mm-45 Bend		each	2		
	Connecting to Existing Watermains and Large Diameter Water Services					
i) Inline Connection - Plug Existing						
a) 250mm		each	1			
b) 300mm		each	1			
E.5	WASTEWATER SEWERS ON STERLING LYON PARKWAY (EAST) - CPR LA RIVIERE TO VICTOR LEWIS DRIVE Wastewater Sewers	CW 2130-R9				
	i) 375mm C76-V					
	a) in a trench, Class B bedding, Class 2 Backfill, 5-6m deep		m	12.0		
	b) trenchless installation, Class B bedding, Class 2 Backfill		m	23.0		
E.6	Manholes	CW 2130-R9				
	i) SD-010					
	a) 1200mm Base		v.m	6.0		
E.7	Connecting to Existing Sewer	CW 2130-R9				
	i) 375mm WWS of connecting pipe to 375 mm WWS of Sewer					
	a) Connecting to 375mm WWS Sewer		each	1		
E.8	Removal of Existing Manhole	CW2130-R9	each	1		
E.9	WATERMAINS ON KENASTON BOULEVARD Watermains	CW 2110-R8				
	i) 300mm PVC					
	a) in a trench, Class B sand bedding, Class 2 Backfill		m	6.0		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.10	ii) 250mm a) in a trench, Class B sand bedding, Class 2 Backfill	CW 2110-R8	m	5.0		
	iii) 200mm a) in a trench, Class B sand bedding, Class 2 Backfill		m	2.5		
E.11	Watermain Valve	CW 2110-R8				
	i) 300mm		each	3		
	ii) 250mm		each	1		
E.12	iii) 200mm New Watermain Valve on Existing Watermain	CW 2110-R8	each	1		
	i) 300mm		each	1		
E.13	Hydrant Assembly	CW 2110-R8				
	i) SD-006		each	1		
E.14	ii) SD-007 New Hydrant on Existing Watermain	CW 2110-R8	each	1		
	Fittings					
E.15	i) Reducers	CW 2110-R8				
	a) 300-250		each	2		
	ii) Tees					
	a) 300mmx300mmx300mm		each	1		
	b) 250mmx200mmx250mm		each	1		
E.16	c) 300mmx200mmx300mm Connecting to Existing Watermains and Large Diameter Water Services	E21	each	1		
	i) Inline connection - no plug existing					
	a) 250mm		each	3		
	b) 300mm	each	2			
E.16	Valve Pit Removal	E21	each	2		
E	<i>MISCELLANEOUS MUNICIPAL SERVICES</i>				Subtotal:	

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	<u>DND UTILITY RELOCATIONS</u>					
	WATERMAINS					
F.1	Watermains	CW 2110-R8				
	i) 200mm PVC					
	a) in a trench, Class B bedding, Class 4 Backfill		m	85.0		
	b) in a trench, Class B sand bedding, Class 2 Backfill		m	14.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	187.0		
F.2	Fittings	CW 2110-R8				
	i) Tees					
	a) 200x200x200		each	1		
	ii) Bends (SD-004)					
	a) 200mm-45°		each	3		
	b) 200mm-90°		each	1		
	c) 200mm-11.25°		each	2		
	iii) Reducers					
	a) 200-150mm		each	1		
F.3	Connecting to Existing Watermains and Large Diameter Water Services	CW 2110-R8				
	i) Inline Connection - No Plug Existing					
	a) 150mm		each	3		
	b) 200mm		each	1		
	ii) Perpendicular Connection - No Plug Existing					
	a) 200mm		each	1		
F.4	Abandoning Existing Small Diameter Water Services	CW 2110-R8				
	a) 50mm		each	3		
F.5	Hydrant Assembly	CW 2110-R8				
	i) SD-006		each	3		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.6	Adjustment of Valve Boxes	CW 2110-R8	each	1		
F.7	Water Services	CW 2110-R8				
	i) 50mm		each	1		
F.8	Corporation Stops	CW 2110-R8				
	i) 50mm		each	1		
F.9	Curb Stop and Box	CW 2110-R8				
	i) 50mm		each	1		
COMBINED SEWERS						
F.10	Combined Sewers	CW 2130-R9				
	i) 250mm SDR-35					
	a) in a trench, Class B bedding, Class 2		m	7.0		
	b) trenchless installation, Class B bedding, Class 2 Backfill		m	7.0		
	ii) 300mm SDR-35					
	a) in a trench, Class B bedding, Class 4 Backfill		m	41.0		
	b) in a trench, Class B bedding, Class 2 Backfill		m	40.0		
	c) trenchless installation, Class B bedding, Class 2 Backfill		m	246.0		
F.11	Connecting Existing Sewer Service to New Sewer	CW 2130-R9				
	i) 150mm		each	9		
F.12	Plugging Existing Services Smaller than 300mm	CW 2130-R9				
	i) 150mm		each	7		
	ii) 250mm		each	6		
	iii) 300mm		each	1		
F.13	Manholes	CW 2130-R9				
	i) SD-010					
	a) 1200mm		v.m.	12.0		

FORM B: PRICES
 (SEE B9)

**KENASTON UNDERPASS PROJECT
 STERLING LYON PARKWAY (EAST)
 ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS**

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.14	New Manhole on Existing Sewer	CW 2130-R9				
	i) SD - 010					
	a) 1800mm Base		v.m.	4.0		
F.15	Relocation of Existing Catchbasins	CW 2130-R9	each	2		
F.16	Removal of Existing Catchbasins	CW 2130-R9	each	2		
F.17	Televised Sewer Inspection	CW 2145-R2				
	i) Combined Sewers					
	a) 250mm		m	14.0		
	b) 300mm		m	326.0		
	SURFACE WORKS					
F.18	Concrete Curb Removal	CW 3240-R5				
	i) Barrier Curb (Separate) - 150mm		m	49.0		
	ii) Modified Barrier Curb (Separate) - 180mm		m	11.0		
F.19	Concrete Curb Installation	CW 3240-R5				
	i) Barrier (150mm ht, Separate)	SD-203A	m	25.0		
	ii) Modified Barrier (180mm ht, Dowelled)	SD-203B	m	11.0		
F.20	Construction of Asphaltic Concrete Overlay	CW 3410-R6				
	i) Tie-ins and Approaches					
	a) Type IA		tonne	60		
F.21	Construction of Asphalt Patches	CW 3410-R6	m ²	300.0		
F.22	Salvage of Existing Dust Collector	E37	l.sum	1.0		
F	<u>DND UTILITY RELOCATIONS</u>				Subtotal:	
G	<u>DITCHING ON WILKES - KENASTON BOULEVARD TO CPR LA RIVIERE</u>					
G.1	Ditch Grading	CW 3110-R7	m ²	9785.0		
G.2	Ditch Excavation	CW 3110-R7	m ³	920.0		
G.3	Corrugated Steel Pipe - Supply	CW 3610-R3				
	i) 450mm - 2mm Gauge	E20	m	67.0		
G.4	Corrugated Steel Pipe - Install	CW 3610-R3				
	i) 450mm - 2mm Gauge	E20	m	67.0		

FORM B: PRICES
 (SEE B9)

**KENASTON UNDERPASS PROJECT
 STERLING LYON PARKWAY (EAST)
 ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS**

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.5	Construction of Asphaltic Concrete Overlay	CW 3410-R6				
	i) Tie-ins and Approaches					
	a) Type IA		tonne	30		
G.6	Construction of Asphalt Patches	CW 3410-R6	m ²	130.0		
G.7	Remove and Reinstall Existing Culverts	E20	each	10		
G.8	Construction of Hydrant Approach	E20	each	6		
G	<u>DITCHING ON WILKES - KENASTON BOULEVARD TO CPR LA RIVIERE</u>				Subtotal:	
H	<u>PROVISIONAL ITEMS</u>					
H.1	Remove Existing Culverts	E20	each	3.0		
H.2	Curb Stop Boxes-Replace Existing	CW 2110-R8				
	i) 50mm		each	1		
H.3	Curb Stops-Replace Existing	CW 2110-R8				
	i) 50mm		each	1		
H.4	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R9				
	i) 450mm					
	a) Class 2 Backfill		each	1		
	ii) 600mm					
	a) Class 2 Backfill		each	1		
H.5	Regrading of Existing Sewer Service - Up to 1.5m Long	CW 2110-R8				
	i) in a trench, Class B sand bedding, Class 3 Backfill					
	a) 150mm		each	1		
	b) 200mm		each	1		
H.6	Regrading of Existing Sewer Service - Longer Than 1.5m	CW 2110-R8				
	150mm					
	a) in a trench, Class B sand bedding, Class 3 Backfill		m	10.0		

FORM B: PRICES
 (SEE B9)
KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY (EAST)
ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.7	200mm b) in a trench, Class B sand bedding, Class 3 Backfill	CW 2130-R9	m	10.0		
	Replacing Standard Frames & Covers					
H.8	i) AP-004 - Standard Frame for Manhole and Catch Basin	CW 3210-R6	each	2		
	ii) AP-005 - Standard Solid Cover for Standard Frame		each	2		
	Adjustment of Catch Basins / Manholes Frames		each	5		
H.9	Lifter Rings	CW 3210-R6				
	i) 38mm		each	4.0		
	ii) 51mm		each	1.0		
	iii) 64mm		each	1.0		
H	<u>PROVISIONAL ITEMS</u>				Subtotal:	
I	<u>STERLING LYON PARKWAY EAST</u>					
	EARTH AND BASE WORKS					
I.1	Clearing and Grubbing	CW 3010-R4	ha	3.0		
I.2	Stripping and Stockpiling Topsoil	CW 3110-R7	m ³	5000.0		
I.3	Excavation	CW 3110-R7 E-10	m ³	52500.0		
I.4	Sub-Grade Compaction	CW 3110-R7	m ²	41000.0		
I.5	Placing Suitable Site Sub-base Material	CW 3110-R7	m ³	7000.0		
I.6	Crushed Sub-base Material	CW 3110-R7				
	i) 50 mm - Limestone		tonne	16500.0		
	ii) 150 mm - Limestone		tonne	62000.0		
I.7	Supplying and Placing Base Course Material	CW 3110-R7	m ³	4100.0		
I.8	Grading of Boulevards	CW 3110-R7	m ²	38200.0		
I.9	Ditch Grading	CW 3110-R7	m ²	15700.0		
I.10	Boulevard Excavation	CW 3110-R7	m ³	2000.0		
I.11	Ditch Excavation	CW 3110-R7	m ³	3500.0		

FORM B: PRICES
 (SEE B9)

**KENASTON UNDERPASS PROJECT
 STERLING LYON PARKWAY (EAST)
 ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS**

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I.12	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	41000.0		
I.13	Remove Existing Bollards	E31	each	35		
I.14	Remove Existing Fence	E32	m	90		
I.15	Concrete Excavation	CW 2030-R7	m ³	250		
I.16	Infrastructure Signs	E9	each	6		
ROADWORKS - RENEWALS						
I.17	Drilled Dowels	CW 3230-R4				
	i) 28.6 mm Diameter		each	800		
	ii) 25 M Deformed Tie Bar		each	50		
I.18	Construction of Asphaltic Concrete Overlay	CW 3410-R6				
	i) Tie-ins and Approaches					
	a) Type IA		tonne	50.0		
ROADWORKS - NEW CONSTRUCTION						
I.19	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R9				
	i) Construction of 230 mm Concrete Pavement (Plain-Dowelled - Slip Form)		m ²	35300.0		
	ii) Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	150.0		
	iii) Construction of 230 mm Concrete Pavement for Early Opening 72 hour(Plain-Dowelled)		m ²	1125.0		
I.20	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R9				
	i) Construction of Barrier (180 mm ht, Dowelled)	SD-205	m	210.0		
	ii) Construction of Barrier (180 mm ht, Separate)	SD-203A	m	130.0		
	iii) Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	20.0		
	iv) Construction of Ramp Curb (12mm ht, Separate)	SD-229E	m	76.0		
	v) Construction of Splash Strip (180 mm ht, Barrier Curb, Integral, 600mm width)	SD-227B	m	6420.0		

FORM B: PRICES
 (SEE B9)

**KENASTON UNDERPASS PROJECT
 STERLING LYON PARKWAY (EAST)
 ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS**

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I.21	vi) Construction of Splash Strip (180 mm ht, Modified Barrier Curb, Integral, 600mm width)	SD-227B SD-203B	m	580.0		
I.21	Supply and Installation of Dowel Assemblies	CW 3310-R9	m	6700.0		
I.22	100 mm Concrete Sidewalk	CW 3325-R2	m ²	555.0		
I.23	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Installation of Subdrains	CW 3120-R1	m	3450.0		
I	<u>STERLING LYON PARKWAY EAST</u>				Subtotal:	
J	<u>INTERSECTION OF KENASTON BOULEVARD AND STERLING LYON PARKWAY EAST</u>					
	EARTH AND BASE WORKS					
J.1	Excavation	CW 3110-R7	m ³	2900.0		
J.2	Sub-Grade Compaction	CW 3110-R7	m ²	2200.0		
J.3	Crushed Sub-base Material	CW 3110-R7				
	i) 50 mm - Limestone		tonne	1000.0		
	ii) 150 mm - Limestone		tonne	6000.0		
J.4	Supplying and Placing Base Course Material	CW 3110-R7	m ³	300.0		
J.5	Grading of Boulevards	CW 3110-R7	m ²	1000.0		
J.6	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	2200.0		
	ROADWORKS - RENEWALS					
J.7	Partial Slab Patches	CW 3230-R4				
	i) 250 mm Concrete Pavement (Type A)		m ²	10.0		
	ii) 250 mm Concrete Pavement (Type B)		m ²	20.0		
	iii) 250 mm Concrete Pavement (Type C)		m ²	20.0		
	iv) 250 mm Concrete Pavement (Type D)		m ²	50.0		
J.8	Drilled Dowels	CW 3230-R4				
	i) 28.6 mm Diameter		each	800		
	ii) 25 M Deformed Tie Bar		each	50		

FORM B: PRICES
 (SEE B9)

**KENASTON UNDERPASS PROJECT
 STERLING LYON PARKWAY (EAST)
 ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS**

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J.9	Concrete Curb Removal	CW 3240-R5				
	i) Barrier (180mm ht, Separate)		m	653.0		
J.10	Concrete Curb Installation	CW 3240-R5				
	i) Barrier (180 mm ht, Dowelled)	SD-205	m	120.0		
	ii) Barrier (180 mm ht, Separate)	SD-203A	m	100.0		
	iii) Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	15.0		
J.11	Construction of Asphaltic Concrete Overlay	CW 3410-R6				
	i) Tie-ins and Approaches					
	a) Type IA		tonne	100.0		
J.12	ROADWORKS - NEW CONSTRUCTION					
	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R9				
	i) Construction of 250 mm Concrete Pavement (Plain-Dowelled)		m ²	1550.0		
	ii) Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	130.0		
	iii) Construction of Monolithic Curb and Sidewalk	SD-228B	m ²	135.0		
	iv) Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	25.0		
	v) Construction of Barrier (180 mm ht, Dowelled)	SD-205	m	100.0		
	vi) Construction of Barrier (180 mm ht, Separate)	SD-203A	m	130.0		
	vii) Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	20.0		
	viii) Construction of Ramp Curb (12mm ht, Separate)	SD-229E	m	80.0		
	ix) Construction of Splash Strip (180 mm ht, Barrier Curb, Integral, 600mm width)	SD-227B	m	250.0		
	x) Construction of Splash Strip (180 mm ht, Modified Barrier Curb, Integral, 600mm width)	SD-227B SD-203B	m	20.0		
J.13	Supply and Installation of Dowel Assemblies	CW 3310-R9	m	300.0		
J	INTERSECTION OF KENASTON BOULEVARD AND STERLING LYON PARKWAY EAST				Subtotal:	

FORM B: PRICES
 (SEE B9)

**KENASTON UNDERPASS PROJECT
 STERLING LYON PARKWAY (EAST)
 ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS**

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K	<u>INTERSECTION OF WILKES AVENUE/VICTOR LEWIS DRIVE AND STERLING LYON PARKWAY EAST</u>					
	EARTH AND BASE WORKS					
K.1	Excavation	CW 3110-R7	m ³	918.0		
K.2	Sub-Grade Compaction	CW 3110-R7	m ²	730.0		
K.3	Crushed Sub-base Material	CW 3110-R7				
	i) 50 mm - Limestone		tonne	320.0		
	ii) 150 mm - Limestone		tonne	1300.0		
K.4	Supplying and Placing Base Course Material	CW 3110-R7	m ³	100.0		
K.5	Grading of Boulevards	CW 3110-R7	m ²	500.0		
K.6	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	730.0		
	ROADWORKS - RENEWALS					
K.7	Partial Slab Patches	CW 3230-R4				
	i) 230 mm Concrete Pavement (Type A)		m ²	10.0		
	ii) 230 mm Concrete Pavement (Type B)		m ²	20.0		
	iii) 230 mm Concrete Pavement (Type C)		m ²	20.0		
	iv) 230 mm Concrete Pavement (Type D)		m ²	50.0		
K.8	Drilled Dowels	CW 3230-R4				
	i) 28.6 mm Diameter		each	200		
	ii) 25 M Deformed Tie Bar		each	50		
K.9	Concrete Curb Removal	CW 3240-R5				
	i) Barrier Separate		m	265.0		
K.10	Concrete Curb Installation	CW 3240-R5				
	i) Barrier (180 mm ht, Dowelled)	SD-205	m	165.0		
	ii) Barrier (180 mm ht, Separate)	SD-203A	m	100.0		
	iii) Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	15.0		

FORM B: PRICES
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**KENASTON UNDERPASS PROJECT
 STERLING LYON PARKWAY (EAST)
 ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS**

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K.11	Construction of Asphaltic Concrete Overlay i) Tie-ins and Approaches a) Type IA	CW 3410-R6	tonne	20.0		
K.12	ROADWORKS - NEW CONSTRUCTION Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians i) Construction of 200 mm Concrete Pavement (Plain-Dowelled) ii) Construction of Monolithic Concrete Median Slabs iii) Construction of Monolithic Curb and Sidewalk iv) Construction of Monolithic Concrete Bull-noses	CW 3310-R9 SD-226A SD-228B SD-227C	m ² m ² m ² m ²	650.0 120.0 100.0 25.0		
K.13	Concrete Curbs, Curb and Gutter, and Splash Strips i) Construction of Barrier (180 mm ht, Dowelled) ii) Construction of Barrier (180 mm ht, Separate) iii) Construction of Modified Barrier (180mm ht, Dowelled) iv) Construction of Ramp Curb (12mm ht, type) v) Construction of Splash Strip (180 mm ht, Modified Barrier Curb, Integral, 600mm width)	CW 3310-R9 SD-205 SD-203A SD-203B SD-229E SD-227B SD-203B	m m m m m	10.0 10.0 20.0 6.0 10.0		
K.14	Supply and Installation of Dowel Assemblies	CW 3310-R9	m	300.0		
K.15	JOINT AND CRACK SEALING Joint Sealing	CW 3250-R6	m	100.0		
K.16	Crack Sealing i) 2mm to 10mm Wide ii) >10mm to 25mm Wide	CW 3250-R6	m m	100.0 20.0		
K.17	Reflective Crack Maintenance	CW 3250-R6	m	100.0		
K	<u>INTERSECTION OF WILKES AVENUE/VICTOR LEWIS DRIVE AND STERLING LYON PARKWAY EAST</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY (EAST)
ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
L	<u>MULTI-USE SIDEWALK</u>					
L.1	Sub-Grade Compaction	CW 3110-R7	m ²	7200.0		
L.2	Crushed Sub-base Material	CW 3110-R7				
	i) 50 mm - Limestone		tonne	2500.0		
L.3	Supplying and Placing Base Course Material	CW 3110-R7	m ³	390.0		
L.4	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	7200.0		
L.5	100 mm Concrete Sidewalk	CW 3325-R2	m ²	350.0		
L.6	Construction of Asphaltic Concrete Sidewalk	CW 3410-R6				
	i) Main Line Paving					
	a) Type IA		tonne	1160.0		
L	<u>MULTI-USE SIDEWALK</u>				Subtotal:	
M	<u>LANDSCAPING</u>					
M.1	Supply and Installation of Nursery Sod cw 100mm Topsoil and Finish Grading	CW3510-R8				
	i) Installation (75%)	SD-243	m ²	19000.0		
	ii) Establishment Maintenance Period (25%)	E23	m ²	19000.0		
M.2	Edge Sod cw 50mm Growing Medium	E23	m ²	2185.0		
M.3	Planting Beds and Planting Soil Mixture (300mm depth)	E25	m ²	3730.0		
M.4	Wood Chip Mulch (50mm)	E25	m ²	3730.0		
M.5	Soil Amendments for Native Seeding and Ditch Seed	E25	m ²	14740.0		
M.6	Erosion Control Blanket	E25	m ²	10.0		
M.7	Straw Wattle	E25	lin. m.	170.0		
M.8	Heavy Duty Black Plastic Edging (200mm)	E25	lin. m.	765.0		
M.9	Seed Mixes	CW3540-R3				
	i) Turf Grass Seed Mix (incl. Hydro Mulch)	E24	m ²	1260.0		
	ii) Trefoil and Clover Seed Mix (incl. Hydro Mulch)	E24	m ²	5103.0		
	iii) Ditch Seed Mix (incl. Hydro Mulch)	E24	m ²	3640.0		

FORM B: PRICES
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**KENASTON UNDERPASS PROJECT
 STERLING LYON PARKWAY (EAST)
 ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS**

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	iv) Salt-tolerant Prairie Grass Seed Mix (incl. Hydro Mulch)	E24	m ²	6500.0		
	v) Big Bluestem Seed (incl. Hydro Mulch)	E24	m ²	300.0		
	vi) Little Bluestem Seed Mix (incl. Hydro Mulch)	E24	m ²	1560.0		
	vii) Wildflower and Grass Seed Mix (incl. Hydro Mulch)	E24	m ²	1275.0		
	viii) Trefoil and Vetch Over-seed Mix	E24	m ²	19185.0		
M.10	Street Trees	E26/E28				
	i) Silver Maple (65mm cal.)	E26/E28	each	13		
	ii) Delta Hackberry (50mm cal.)	E26/E28	each	6		
	iii) Northern Blaze White Ash (65mm Cal.)	E26/E28	each	4		
	iv) Fallgold Ash (65mm cal.)	E26/E28	each	14		
	v) Green Ash (65mm cal.)	E26/E28	each	12		
	vi) Bergeson Ash (65mm cal.)	E26/E28	each	4		
	vii) Patmore Ash (65mm cal.)	E26/E28	each	4		
	viii) Summit Ash (65mm cal.)	E26/E28	each	2		
	ix) American Basswood (65mm cal.)	E26/E28	each	11		
	x) Little Leaf Linden (60mm cal.)	E26/E28	each	8		
	xi) Dropmore Linden (60mm cal.)	E26/E28	each	5		
	xii) Japanese Tree Lilac (50mm cal.)	E26/E28	each	8		
	xiii) American Elm (65mm cal.)	E26/E28	each	21		
	xiv) Discovery Elm (60mm cal.)	E26/E28	each	6		
M.11	Planting Bed Trees, Shrubs and Herbaceous Material	E26/E28				
	i) Silver Maple (65mm cal.)	E26/E28	each	4		
	ii) Manitoba Maple (50mm cal.)	E26/E28	each	14		
	iii) Green Ash (65mm cal.)	E26/E28	each	5		
	iv) Butternut (50mm cal.)	E26/E28	each	1		

FORM B: PRICES
 (SEE B9)

**KENASTON UNDERPASS PROJECT
 STERLING LYON PARKWAY (EAST)
 ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS**

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
v)	Bur Oak (40mm cal.)	E26/E28	each	10		
vi)	Plains Cottonwood (50mm cal.)	E26/E28	each	1		
vii)	Ussurian Pear (40mm cal.)	E26/E28	each	2		
viii)	Pincherry (40mm cal.)	E26/E28	each	6		
ix)	Japanese Tree Lilac (50mm cal.)	E26/E28	each	3		
x)	American Elm (65mm cal.)	E26/E28	each	1		
xi)	Colorado Spruce (2.0 m ht.)	E26/E28	each	4		
xii)	Scots Pine (2.0 m ht.)	E26/E28	each	2		
xiii)	Amur Maple (750mm ht.)	E26/E28	each	17		
xiv)	Saskatoon (750mm ht.)	E26/E28	each	61		
xv)	Coronation Triumph Potentilla (500mm ht.)	E26/E28	each	36		
xvi)	Abbotswood Potentilla (500 mm ht.)	E26/E28	each	7		
xvii)	Jackman's Variety Potentilla (500 mm ht.)	E26/E28	each	55		
xviii)	Hansa Rose (500mm ht.)	E26/E28	each	42		
xix)	Assiniboine Rose (600mm ht.)	E26/E28	each	20		
xx)	Silver Buffaloberry (750mm ht.)	E26/E28	each	66		
xxi)	Western Snowberry (600mm ht.)	E26/E28	each	114		
xxii)	Meyer Lilac (600mm ht.)	E26/E28	each	14		
xxiii)	Charles Joli Lilac (Common Lilac) (750mm ht.)	E26/E28	each	22		
xxiv)	Royalty Lilac (750mm ht.)	E26/E28	each	54		
xxv)	Donald Wyman Lilac (750mm ht.)	E26/E28	each	49		
xxvi)	Highbush Cranberry (600mm ht.)	E26/E28	each	40		
xxvii)	Virginia Creeper (2 yr.)	E26/E28	each	32		
xxviii)	Sedum (1 yr.)	E26/E28	each	42		
xxix)	Big Bluestem (plugs)	E26/E28	each	180		

FORM B: PRICES
 (SEE B9)

**KENASTON UNDERPASS PROJECT
 STERLING LYON PARKWAY (EAST)
 ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS**

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
xxx)	Purple Prairie Coneflower (plugs)	E26/E28	each	20		
M.12	Concrete Paving Stone	CW3335				
i)	57. Barkman Concrete Roman Pavers	E30	m ²	330		
M.13	Long - Term Maintenance	E27/E29				
i)	General Plant Material and Planting Bed Maintenance	E27/E29	annual	2		
ii)	General Sod Maintenance	E27/E29	annual	2		
iii)	General Maintenance of Seeded Turf Grass Areas (including Ditch Seed Mix)	E27/E29	annual	2		
iv)	General Maintenance of Native Grass and Wildflower Areas	E27/E29	annual	2		
v)	General Maintenance of Trefoil and Clover Areas	E27/E29	annual	2		
vi)	General Cleanup Operations	E27	annual	2		
vii)	Annual Spring Cleanup of Landscaped Areas (including Salt and Sand Removal)	E27	per time	2		
M	<u>LANDSCAPING</u>				Subtotal:	
N	<u>ELECTRICAL WORKS</u>					
	<u>EARTH AND BASE WORKS</u>					
N.1	Removal of Light Standards	E22	each	6.0		
N.2	Removal of Outdoor Car Block heater Receptacles and Wooden Parts	E22	each	18.0		
N.3	Removal of outdoor Power Transformer	E22	each	1.0		
N.4	Outdoor Wall Mounted Lighting Fixture	E22	each	8.0		
N.5	Circuit Breakers and Wiring for Building P1 Light Fixtures	E22	each	1.0		
N.6	Circuit Breakers and Wiring for Building C4 Light Fixtures	E22	each	1.0		
N.7	Underground Trenching and Cabling to Existing Light Standards Adjacent to Building C4	E22	each	1.0		
N	<u>ELECTRICAL WORKS</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)
KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY (EAST)
ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
A	<u>LAND DRAINAGE SEWERS - STERLING LYON PARKWAY (EAST) - CPR LA RIVIERE TO VICTOR LEWIS DRIVE</u>				Subtotal:	
B	<u>LAND DRAINAGE SEWERS - STERLING LYON PARKWAY (EAST) - KENASTON BOULEVARD TO CPR LA RIVIERE</u>				Subtotal:	
C	<u>LAND DRAINAGE SEWERS - PATRICK WAY</u>				Subtotal:	
D	<u>FORCEMAIN AND LAND DRAINAGE SEWERS - KENASTON BOULEVARD</u>				Subtotal:	
E	<u>MISCELLANEOUS MUNICIPAL SERVICES</u>				Subtotal:	
F	<u>DND UTILITY RELOCATIONS</u>				Subtotal:	
G	<u>DITCHING ON WILKES - KENASTON BOULEVARD TO CPR LA RIVIERE</u>				Subtotal:	
H	<u>PROVISIONAL ITEMS</u>				Subtotal:	
I	<u>STERLING LYON PARKWAY EAST</u>				Subtotal:	
J	<u>INTERSECTION OF KENASTON BOULEVARD AND STERLING LYON PARKWAY EAST</u>				Subtotal:	
K	<u>INTERSECTION OF WILKES AVENUE/VICTOR LEWIS DRIVE AND STERLING LYON PARKWAY EAST</u>				Subtotal:	
L	<u>MULTI-USE SIDEWALK</u>				Subtotal:	
M	<u>LANDSCAPING</u>				Subtotal:	
N	<u>ELECTRICAL WORKS</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. 83-2005

KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY (EAST)
ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS

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. 83-2005

KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY (EAST)
ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS

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. 83-2005

KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY (EAST)
ROAD WORKS, LDS AND MISCELLANEOUS UNDERGROUND WORKS
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 June 14, 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)