

FORM A: BID
(See B8)

1. Project Title Kenaston Underpass Project
Kenaston Boulevard Reconstruction
Road Works, LDS and Miscellaneous Underground Works

2. Bidder

Name of Bidder

Street

City Province Postal Code

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City Province Postal Code

The Bidder is:

(Choose one)

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person

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

Contact Person Title

Telephone Number Facsimile Number

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D3

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.

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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_____ .

(If no corporate seal)
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>Construction of a new Portland Concrete Pavement on Kenaston Boulevard from Kenaston Intermodal Ltd. Access to Taylor Avenue</u>					
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R8, E18	m ³	108000		
A.2	Sub-Grade Compaction	CW 3110-R8	m ²	13000		
A.3	Placing Suitable Site Sub-base Material	CW 3110-R8	m ³	150		
A.4	Crushed Sub-base Material	CW 3110-R8				
	i) 50 mm - Limestone		tonne	5500		
	ii) 150 mm - Limestone		tonne	21500		
A.5	Place Reclaimed Ballast Material	E27	m ³	1300		
A.6	Supplying and Placing Base Course Material	CW 3110-R8	m ³	1100		
A.7	Grading of Boulevards	CW 3110-R8	m ²	25000		
A.8	Ditch Grading	CW 3110-R8	m ²	9000		
A.9	Boulevard Excavation	CW 3110-R8	m ³	5500		
A.10	Ditch Excavation	CW 3110-R8	m ³	1500		
A.11	Removal of Existing Concrete Bases	CW 3110-R8				
	i) 600mm Diameter or Less		each	28		
A.12	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	13000		
	ROADWORKS - RENEWALS					
A.13	Pavement Removal	CW 3110-R8				
	i) Concrete Pavement		m ²	4900		
	ii) Asphalt Pavement		m ²	6550		
A.14	Drilled Dowels	CW 3230-R5				
	i) 28.6 mm Diameter		each	50		
A.15	Drilled Tie Bars	CW 3230-R5				
	i) 25 M Deformed Tie Bar		each	200		
A.16	Concrete Curb Removal	CW 3240-R6				
	i) Barrier Separate		m	50		

FORM B: PRICES
 (SEE B9)

UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.17	Concrete Curb Installation	CW 3240-R6				
	i) Modified Barrier (180mm ht, Dowelled)	SD-203B	m	95		
A.18	Remove Temporary Asphalt and Base on Existing Concrete	E19	m ²	2300		
ROADWORKS - NEW CONSTRUCTION						
A.19	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R10				
	i) Construction of 250 mm Concrete Pavement (Plain-Dowelled) Slip Form Paving		m ²	11020		
	ii) Construction of Concrete Median Slabs	SD-227A	m ²	565		
	iii) Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	30		
A.20	Concrete Pavements for Early Opening	CW 3310-R10				
	i) Construction of 250 mm Concrete Pavement for Early Opening 72 hour (Plain-Dowelled) Slip Form Paving		m ²	250		
	ii) Construction of 250 mm Concrete Pavement for Early Opening 24 hour (Plain-Dowelled) Slip Form Paving		m ²	150		
A.21	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R10				
	i) Construction of Mountable Curb 120 mm (Integral)	SD-201	m	550		
	ii) Construction of Splash Strip (180mm ht, Barrier Curb, Integral, 600mm width) Slip Form Paving	SD-227B	m	2230		
	iii) Construction of Splash Strip (180mm ht, Modified Barrier Curb, Integral, 600mm width)	SD-227B SD-203B	m	10		
A.22	Supply and Installation of Dowel Assemblies	CW 3310-R10	m	2300		
A.23	Supply and Installation of Dowel Assemblies (Skewed)	CW 3310-R10	m	120		
A.24	Installation of Subdrains	CW 3120-R1	m	805		
MISCELLANEOUS						
A.25	Chain Link Fence	CW 3550-R2				
	i) 1.83m Height		m	160		
A.26	Chain Link Fence (Install post in concrete)	E20				
	i) 1.83m Height		m	90		
A.27	Remove and Reinstall Gates	E20	m	10		

FORM B: PRICES
 (SEE B9)

UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.28	Remove and Salvage Chain Link Fence	E20	m	1750		
A.29	Install Salvaged Chain Link Fence	E20	m	1750		
A.30	Traffic Diversion	E7	l.s.	2		
A	<u>Construction of a new Portland Concrete Pavement on Kenaston Boulevard from Kenaston Intermodal Ltd. Access to Taylor Avenue</u>				Subtotal:	
B	<u>Construction of Intersection Improvements at Kenaston Boulevard and Taylor Avenue</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R8	m ³	3900		
B.2	Sub-Grade Compaction	CW 3110-R8	m ²	3800		
B.3	Crushed Sub-base Material	CW 3110-R8				
	i) 50 mm - Limestone		tonne	1400		
	ii) 150 mm - Limestone		tonne	5200		
B.4	Place Reclaimed Sub-base Material	E27				
	i) 50 mm - Limestone		m ³	200		
	ii) 150 mm - Limestone		m ³	1000		
B.5	Supplying and Placing Base Course Material	CW 3110-R8	m ³	330		
B.6	Removal of Existing Concrete Bases	CW 3110-R8				
	i) 600mm Diameter or Less		each	4		
B.7	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	3800		
	ROADWORKS - RENEWALS					
B.8	Pavement Removal	CW 3110-R8				
	i) Concrete Pavement		m ²	1760		
	ii) Asphalt Pavement		m ²	175		
B.9	Drilled Dowels	CW 3230-R5				
	i) 19.1 mm Diameter		each	30		
B.10	Drilled Tie Bars	CW 3230-R5				
	i) 20 M Deformed Tie Bar		each	30		

FORM B: PRICES

(SEE B9)

UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.11	Concrete Curb Renewal	CW 3240-R6				
	i) Barrier (180mm ht, Dowelled)	SD-205, SD206A				
	a) Less than 3 m		m	6		
	b) 3 m to 30 m		m	30		
B.12	Construction of Asphaltic Concrete Overlay	CW 3410-R7				
	i) Main Line Paving					
	a) Type IA		tonne	380		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	20		
B.13	Planing of Pavement	CW 3450-R4				
	i) 0 - 50 mm Depth (Asphalt)		m ²	1500		
	ii) 50 - 100 mm Depth (Asphalt)		m ²	200		
	ROADWORKS - NEW CONSTRUCTION					
B.14	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R10				
	i) Construction of 250 mm Concrete Pavement (Plain-Dowelled)		m ²	1865		
	ii) Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m ²	785		
	iii) Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	20		
	iv) Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	10		
B.15	Concrete Pavements for Early Opening	CW 3310-R10				
	i) Construction of 250 mm Concrete Pavement for Early Opening 24 hour		m ²	250		
	ii) Construction of 250 mm Concrete Pavement for Early Opening 72 hour		m ²	350		
	iii) Construction of 230 mm Concrete Pavement for Early Opening 24 hour (Plain-Dowelled)		m ²	50		
	iv) Construction of 230 mm Concrete Pavement for Early Opening 72 hour (Plain-Dowelled)		m ²	150		

FORM B: PRICES (SEE B9)						
UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.16	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R10				
	i) Construction of Barrier (180 mm ht, Separate)	SD-203A	m	110		
	ii) Construction of Modified Barrier (180mm ht, Dowelled)	SD-203B	m	115		
	iii) Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	120		
	iv) Construction of Curb Ramp (10mm ht, type)	SD-229E	m	55		
	v) Construction of Splash Strip (180mm ht, Barrier Curb, Integral, 600mm width)	SD-227B	m	140		
	vi) Construction of Splash Strip (180mm ht, Modified Barrier Curb, Integral, 600mm width)	SD-227B SD-203B	m	120		
B.17	Supply and Installation of Dowel Assemblies	CW 3310-R10	m	650		
B.18	100 mm Concrete Sidewalk	CW 3325-R2	m ²	110		
B.19	Construction of Asphaltic Concrete Pavements	CW 3410-R7				
	i) Main Line Paving					
	a) Type IA		tonne	100		
B.20	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R7	tonne	100		
B.21	Installation of Subdrains	CW 3120-R1	m	50		
	JOINT AND CRACK SEALING					
B.22	Reflective Crack Maintenance	CW 3250-R6	m	100		
B	<u>Construction of Intersection Improvements at Kenaston Boulevard and Taylor Avenue</u>				Subtotal:	
C	<u>Construction of a new Portland Concrete Pavement and Asphalt Resurfacing on Kenaston Boulevard from Taylor Avenue to North Limit of Contract at Kenaston Boulevard</u>					
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R8	m ³	650		
C.2	Sub-Grade Compaction	CW 3110-R8	m ²	940		
C.3	Crushed Sub-base Material	CW 3110-R8				
	i) 50 mm - Limestone		tonne	550		
C.4	Place Reclaimed Sub-base Material	E27				

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UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	50 mm - Limestone		m ³	100		
C.5	Supplying and Placing Base Course Material	CW 3110-R8	m ³	100		
C.6	Grading of Boulevards	CW 3110-R8	m ²	2760		
C.7	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	940		
ROADWORKS - RENEWALS						
C.8	Pavement Removal	CW 3110-R8				
i)	Concrete Pavement		m ²	85		
C.9	Drilled Dowels	CW 3230-R5				
i)	19.1 mm Diameter		each	100		
ii)	28.6 mm Diameter		each	100		
C.10	Drilled Tie Bars	CW 3230-R5				
i)	20 M Deformed Tie Bar		each	100		
ii)	25 M Deformed Tie Bar		each	300		
C.11	Miscellaneous Concrete Slab Removal	CW 3235-R6				
i)	Monolithic Median Slab		m ²	145		
ii)	Sidewalk		m ²	490		
C.12	Miscellaneous Concrete Slab Installation	CW 3235-R6				
i)	Monolithic Median Slab	SD-226A	m ²	110		
ii)	Bullnose	SD-227C	m ²	10		
C.13	Miscellaneous Concrete Slab Renewal	CW 3235-R6				
i)	Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	10		
b)	5 sq.m. to 20 sq.m.		m ²	10		
c)	Greater than 20 sq.m.		m ²	75		
C.14	Concrete Curb Removal	CW 3240-R6				
i)	Barrier (180 mm, Separate)		m	30		

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UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.15	Concrete Curb Installation	CW 3240-R6				
	i) Barrier (180mm ht, Dowelled)	SD-205	m	20		
	ii) Barrier (180mm ht, Separate)	SD-203A	m	20		
	iii) Modified Barrier (180mm ht, Dowelled)	SD-203B	m	10		
	iv) Curb Ramp (10mm ht, type)	SD-229A,B,C	m	10		
	v) Splash Strip (180mm ht, Barrier Curb, Integral, 600mm width) Slip Form Paving	SD-227B	m	205		
	vi) Splash Strip (180mm ht, Modified Barrier Curb, Integral, 600mm width)	SD-227B SD-203B	m	10		
C.16	Concrete Curb Renewal	CW 3240-R6				
	i) Barrier (180 mm ht, Dowelled)	SD-205, SD206A				
	a) Less than 3 m		m	5		
	b) 3 m to 30 m		m	60		
	c) Greater than 30 m		m	35		
C.17	Construction of Asphaltic Concrete Overlay	CW 3410-R7				
	i) Main Line Paving					
	a) Type IA		tonne	450		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	10		
C.18	Planing of Pavement	CW 3450-R4				
	i) 0 - 50 mm Depth (Asphalt)		m ²	1500		
	ii) 50 - 100 mm Depth (Asphalt)		m ²	200		
	ROADWORKS - NEW CONSTRUCTION					
C.19	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R10				
	i) Construction of 250 mm Concrete Pavement (Plain-Dowelled)		m ²	850		
	ii) Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	110		
	iii) Construction of Monolithic Curb and Sidewalk	SD-228B	m ²	20		
	iv) Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	10		

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UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.20	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R10				
	i) Construction of Barrier (180mm ht, Dowelled)	SD-205	m	45		
	ii) Construction of Curb Ramp (10mm ht, type)	SD-229E	m	15		
	iii) Construction of Splash Strip (180mm ht, Barrier Curb, Integral, 600mm width) Slip Form (for Asphalt Overlay)	SD-227B	m	180		
C.21	Supply and Installation of Dowel Assemblies	CW 3310-R10	m	180		
C.22	100 mm Concrete Sidewalk	CW 3325-R2	m ²	420		
C.23	Installation of Subdrains	CW 3120-R1	m	80		
	MISCELLANEOUS					
C.24	Tree Removal	CW 3010-R4, E57	each	4		
C	<u>Construction of a new Portland Concrete Pavement and Asphalt Resurfacing on Kenaston Boulevard from Taylor Avenue to North Limit of Contract at Kenaston Boulevard</u>				Subtotal:	
D	<u>Construction of Multi-use Sidewalk on Kenaston Boulevard from Sterling Lyon Parkway to Taylor Avenue</u>					
	MULTI-USE SIDEWALK					
D.1	Sub-Grade Compaction	CW 3110-R8	m ²	4100		
D.2	Crushed Sub-base Material	CW 3110-R8				
	i) 50 mm - Limestone		tonne	750		
D.3	Place Reclaimed Sub-base Material	E27				
	i) 50 mm - Limestone		m ³	350		
D.4	Supplying and Placing Base Course Material	CW 3110-R8	m ³	350		
D.5	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	4100		
D.6	100 mm Concrete Sidewalk	CW 3325-R2	m ²	30		
D.7	Construction of Asphaltic Concrete Pavements	CW 3410-R7				
	i) Main Line Paving					
	a) Type IA		tonne	670		
D.8	Reflective Crack Maintenance	CW 3250-R6	m	50		
D.9	Corrugated Steel Pipe - Supply	CW 3610-R3				
	i) (300 mm, 2 mm gauge)		m	10		

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 (SEE B9)

UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.10	Corrugated Steel Pipe - Install	CW 3610-R3				
i)	(300 mm, 2 mm gauge)		m	10		
D	<u>Construction of Multi-use Sidewalk on Kenaston Boulevard from Sterling Lyon Parkway to Taylor Avenue</u>				Subtotal:	
E	<u>Construction of Ramp to Wilkes Avenue from Kenaston Boulevard</u>					
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R8	m ³	3470		
E.2	Sub-Grade Compaction	CW 3110-R8	m ²	1970		
E.3	Crushed Sub-base Material	CW 3110-R8				
i)	50 mm - Limestone		tonne	320		
ii)	150 mm -Limestone		tonne	950		
E.4	Place Reclaimed Sub-base Material	E27				
i)	50 mm - Limestone		m ³	300		
ii)	150 mm -Limestone		m ³	900		
E.5	Supplying and Placing Base Course Material	CW 3110-R8	m ³	230		
E.6	Grading of Boulevards	CW 3110-R8	m ²	2650		
E.7	Ditch Grading	CW 3110-R8	m ²	3520		
E.8	Boulevard Excavation	CW 3110-R8	m ³	400		
E.9	Ditch Excavation	CW 3110-R8	m ³	350		
E.10	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	2570		
	ROADWORKS - NEW CONSTRUCTION					
E.11	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R10				
i)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement) Slip Form Paving	SD-200	m	620		
E.12	Construction of Asphaltic Concrete Pavements	CW 3410-R7				
i)	Main Line Paving					
a)	Type IA		tonne	325		

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UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	Tie-ins and Approaches					
	a) Type IA		tonne	10		
E.13	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R7	tonne	275		
E.14	Installation of Subdrains	CW 3120-R1	m	270		
JOINT AND CRACK SEALING						
E.15	Reflective Crack Maintenance	CW 3250-R6	m	50		
E	<u>Construction of Ramp to Wilkes Avenue from Kenaston Boulevard</u>				Subtotal:	
F	<u>Construction of Lorimer Boulevard from Sterling Lyon Parkway to Wilkes Avenue</u>					
EARTH AND BASE WORKS						
F.1	Excavation	CW 3110-R8	m ³	4450		
F.2	Sub-Grade Compaction	CW 3110-R8	m ²	5100		
F.3	Placing Suitable Site Sub-base Material	CW 3110-R8	m ³	970		
F.4	Place Reclaimed Sub-base Material	E27				
	i) 50 mm - Limestone		m ³	770		
	ii) 150 mm - Limestone		m ³	2300		
F.5	Supplying and Placing Base Course Material	CW 3110-R8	m ³	400		
F.6	Grading of Boulevards	CW 3110-R8	m ²	5277		
F.7	Ditch Grading	CW 3110-R8	m ²	800		
F.8	Boulevard Excavation	CW 3110-R8	m ³	100		
F.9	Ditch Excavation	CW 3110-R8	m ³	120		
F.10	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	5100		
ROADWORKS - RENEWALS						
F.11	Construction of Asphaltic Concrete Overlay	CW 3410-R7				
	i) Tie-ins and Approaches					
	a) Type IA		tonne	26		
F.12	Planing of Pavement	CW 3450-R4				
	i) 0 - 50 mm Depth (Asphalt)		m ²	210		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORKS - NEW CONSTRUCTION						
F.13	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R10				
	i) Construction of 200 mm Concrete Pavement (Reinforced) Slip Form Paving		m ²	1250		
	ii) Construction of 200 mm Concrete Pavement (Plain-Dowelled) Slip Form Paving		m ²	1500		
F.14	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R10				
	i) Construction of Modified Barrier (180mm ht, Integral)	SD-203B	m	550		
	ii) Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement) Slip Form Paving	SD-200	m	280		
F.15	Supply and Installation of Dowel Assemblies	CW 3310-R10	m	310		
F.16	Construction of Asphaltic Concrete Pavements	CW 3410-R7				
	i) Main Line Paving					
	a) Type IA		tonne	220		
F.17	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R7	tonne	330		
F.18	Installation of Subdrains	CW 3120-R1	m	870		
JOINT AND CRACK SEALING						
F.19	Reflective Crack Maintenance	CW 3250-R6	m	100		
F	<u>Construction of Lorimer Boulevard from Sterling Lyon Parkway to Wilkes Avenue</u>				Subtotal:	
G	<u>Decommissioning of Kenaston Boulevard Detour</u>					
EARTH AND BASE WORKS						
G.1	Excavation	CW 3110-R8, E18	m ³	4000		
G.2	Grading of Boulevards	CW 3110-R8	m ²	9000		
G.3	Ditch Grading	CW 3110-R8	m ²	1800		
ROADWORKS - RENEWALS						
G.4	Pavement Removal	CW 3110-R8				
	i) Asphalt Pavement		m ²	10700		

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UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
MISCELLANEOUS						
G.5	Salvaging Existing Barrier Rail	CW 3650-R4	m	111		
G.6	Salvaging Existing Barrier Posts	CW 3650-R4	each	20		
G.7	Remove "Energite" Barrels	E21				
	i) 640 kg barrel		each	6		
	ii) 320 kg barrel		each	3		
	iii) 180 kg barrel		each	1		
	iv) 90 kg barrel		each	2		
G.8	Remove Pre-cast Concrete Barriers, and Aluminum Balanced Barrier	E25	m	550		
G.9	Reinstallation of "Quadguard System" Crash Cushions	E24	each	2		
G.10	Removal of "Quadguard System" Crash Cushions	E23	each	1		
G	<u>Decommissioning of Kenaston Boulevard Detour</u>				Subtotal:	
H	<u>Decommissioning of CN Rivers Subdivision Rail Mainline Detour</u>					
EARTH AND BASE WORKS						
H.1	Excavation	CW 3110-R8, E18	m ³	1950		
H.2	Grading of Boulevards	CW 3110-R8	m ²	7800		
LANDSCAPING						
H.4	Seeding	CW 3520-R6	m ²	6500		
H	<u>Decommissioning of CN Rivers Subdivision Rail Mainline Detour</u>				Subtotal:	
I	<u>DND Restoration</u>					
I.1	Excavation	CW 3110-R8	m ³	1300		
I.2	Sub-Grade Compaction	CW 3110-R8	m ²	850		
I.3	Reclaim Existing Sub-base Material	E27				
	i) 50 mm - Limestone		m ³	200		
I.4	Supplying and Placing Base Course Material	CW 3110-R8	m ³	65		

FORM B: PRICES
 (SEE B9)

UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I.5	Grading of Boulevards	CW 3110-R8	m ²	2500		
I.6	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m ²	850		
ROADWORKS - REMOVALS/RENEWALS						
I.7	Pavement Removal	CW 3110-R8				
	i) Concrete Pavement		m ²	2010		
I.8	Concrete Curb Removal	CW 3240-R6				
	i) Barrier 180mm, Separate		m	100		
I.9	Concrete Curb Installation	CW 3240-R6				
	i) Barrier (180mm ht, Dowelled)	SD-205	m	30		
I.10	Patching of Existing Pavement	E26	m ²	200		
I.11	100 mm Concrete Sidewalk	CW 3325-R2	m ²	70		
I.12	Construction of Asphaltic Concrete Pavements	CW 3410-R7				
	i) Main Line Paving					
	a) Type IA		tonne	300		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	10		
LANDSCAPING						
I.13	Sodding	CW 3510-R8, E48				
	i) width < 600mm		m ²	250		
	ii) width > or = 600mm		m ²	2250		
MISCELLANEOUS						
I.14	Demolition of Guardhouse and Gate (6m x 6m)	E58	l.s.	1		
I	<u>DND Restoration</u>				Subtotal:	
J	<u>Bridge Works</u>					
J.1	Structural Concrete for Slope Paving, F-Shape Traffic Barrier, and Quadguard Base	E41				
	i) Slope Paving		l.s.	1		
	ii) F-Shape Traffic Barrier		l.s.	1		
	iii) Quad Guard Crash Unit Slab		l.s.	1		

FORM B: PRICES

(SEE B9)

UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J.2	Reinforcing Steel for Slope Paving, F-Shape Traffic Barrier, and Quadguard Base	E42	kg	13375		
J.3	Modular Block Retaining Wall	E43	l.s	1		
J.4	Timber Bumper Fence and Curb	E44	l.s.	1		
J.5	Electrical Scope of Work	E45	l.s.	1		
J	<u>Bridge Works</u>				Subtotal:	
K	<u>Land Drainage Sewers - Kenaston Boulevard</u>					
	GRAVITY SEWERS AND RELATED WORKS					
K.1	Gravity Sewers	E34				
	i) 750mm C76-V					
	a) in a trench, Class B bedding, Class 3 Backfill, 0-4m deep		m	3.0		
	b) trenchless installation, Class B bedding, Class 3 Backfill		m	36.6		
	ii) 750mm C76-III					
	a) in a trench, Class B bedding, Class 3 Backfill, 0-4m deep		m	50.0		
	iii) 600mm C76-III					
	a) in a trench, class B bedding, Class 5 Backfill		m	35.6		
	b) in a trench, Class B bedding, Class 3 Backfill		m	39.0		
	iv) 450mm C14-3					
	a) in a trench, Class B bedding, Class 5 Backfill		m	134.6		
	b) in a trench, Class B bedding, Class 3 Backfill		m	12.0		
	v) 375mm C76-III					
	a) in a trench, Class B bedding, Class 3 Backfill		m	12.0		
	b) trenchless installation, Class B bedding, Class 3 Backfill		m	12.0		
	vi) 375mm C14-3					
	a) in a trench, Class B bedding, Class 5 Backfill		m	74.0		
	b) in a trench, Class B bedding, Class 3 Backfill		m	6.0		

FORM B: PRICES

(SEE B9)

UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K.2	Sewer Services	CW 2130-R9				
	i) 300mm C76-III					
	a) in a trench, Class B bedding, Class 5 Backfill		m	62.0		
	b) in a trench, Class B bedding, Class 3 Backfill		m	40.0		
	c) trenchless installation, Class B bedding, Class 3 Backfill		m	215.0		
	ii) 250mm PVC SDR35					
	a) in a trench, Class B bedding, Class 5 Backfill		m	22.0		
	b) in a trench, Class B bedding, Class 3 Backfill		m	10.5		
	c) trenchless installation, Class B bedding, Class 3 Backfill		m	91.5		
K.3	Manholes	CW 2130-R9				
	i) SD-010					
	a) 1200mm Base		v.m	9.2		
	b) 1350mm Base		v.m	2.7		
K.4	Catch Basin	CW 2130-R9				
	i) SD-024		each	27.0		
	ii) SD-025 c/w ditch inlet grates	E38	each	9.0		
K.5	Catch Pit	CW 2130-R9				
	i) SD-023		each	24.0		
K.6	Supply and Install Pre-cast Sag Inlet Structure	E36	each	2.0		
K.7	Supply and Install Grit Chamber (2100mm base)	E37	each	1.0		
K.8	Connecting to Existing Sewer	CW 2130-R9				
	750mm LDS Connecting Pipe to 750mm LDS Sewer		each	1.0		
K.9	Drainage Connection Pipe (150 mm diameter)					
	a) 250 mm diameter PVC SDR35	CW 2130-R9	m	81.5		
K.10	Bridge Drain Connection Pipe	E39				
	a) 150mm PVC SDR35 - in a trench, Class B bedding, Class 5 Backfill		m	34.0		

FORM B: PRICES
 (SEE B9)

UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K.11	Valve Pit Drain Pipe	E40				
	a) 150mm PVC SDR35 - trenchless installation, Class B bedding, Class 3 Backfill		m	32.0		
K.12	Replacing Standard Frames & Covers	CW 2130-R9				
	i) AP-004 - Standard Frame for Manhole and Catch Basin		each	1.0		
	ii) AP-006 - Standard Grated Cover for Standard Frame		each	1.0		
K.13	Connecting to Existing Sewer	CW 2130-R9				
	i) 250mm Sewer Service to 375 mm LDS of Sewer		each	2.0		
	ii) 300mm Sewer Service to 375 mm LDS of Sewer		each	3.0		
	iii) 250mm Sewer Service to 600 mm CS of Sewer		each	3.0		
	iv) 300mm Sewer Service to 600 mm CS of Sewer		each	1.0		
	v) 250mm Sewer Service to 1200 mm CS of Sewer		each	2.0		
K.14	Connecting to Existing Manhole	CW 2130-R9				
	i) 250mm		each	2.0		
	ii) 300mm		each	1.0		
K.15	Concrete Pipe 3 Edge Bearing Test	CW 2130-R9				
	i) 750mm C76-V		each	1.0		
	ii) 750mm C76-III		each	1.0		
	iii) 600mm C76-III		each	1.0		
	iv) 450mm C76-III		each	1.0		
K.16	Grouted Stone RipRap	CW 3615-R2	m ³	24.3		
K.17	Televised Sewer Inspection	CW 2145-R2				
	i) Land Drainage Sewers					
	a) 375mm		m	104.0		
	b) 450mm		m	146.5		
	c) 600mm		m	74.5		
	d) 750mm		m	84.5		
K	<u>Land Drainage Sewers - Kenaston Boulevard</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES							
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
L	<u>Decommissioning Existing Underground Works - Kenaston Boulevard</u>						
L.1	Removal of Existing Manhole	CW 2130-R9	each	4.0			
L.2	Removal of Existing Catchbasins	CW 2130-R9	each	23.0			
L.3	Removal of Existing Drainage Inlets	CW 2130-R9	each	6.0			
L.4	Plugging Existing Sewer Services Smaller than 300mm	CW 2130-R9, E35					
	i) 200mm		each	10.0			
	ii) 250mm		each	11.0			
L.5	Abandoning Existing Sewers with Cement-Stabilized Flowable Fill	CW 2130-R9	m ³	5.5			
L.6	Removal of Existing 600 AC Feedermain	E35	m	86.0			
L.7	Removal of Existing 900 AC Feedermain	E35	m	126.0			
L.8	Removal of Existing 300 AC Watermain	E35	m	126.0			
L.9	Removal of Existing Valve Chambers	E35	each	2.0			
L.10	Removal of Existing Hydrant Assemblies	E35	each	3.0			
L.11	Removal of Abandoned 350 Gas Lines	E35	m	450.0			
L	<u>Decommissioning Existing Underground Works - Kenaston Boulevard</u>					Subtotal:	
M	<u>Land Drainage Sewers - Lorimer Boulevard</u>						
M.1	Sewer Services	CW 2130-R9					
	i) 300mm C14-3						
	a) in a trench, class B bedding, Class 2 Backfill		m	15.0			
	ii) 250mm SDR-35						
	a) in a trench, class B bedding, Class 4 Backfill		m	15.0			
M.2	Catch Basin	CW 2130-R9					
	i) SD-024		each	4.0			
M.3	Catch Pit	CW 2130-R9					
	i) SD-023		each	2.0			
M.4	Drainage Connection Pipe	CW 2130-R9					
	a) 250 mm diameter PVC SDR35		m	4.0			

FORM B: PRICES (SEE B9)						
UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
M.5	Connecting New Sewer Services to Existing Sewer Services	CW 2130-R9	each	4.0		
M	<u>Land Drainage Sewers - Lorimer Boulevard</u>				Subtotal:	
N	<u>Ditching on Wilkes and CN Rivers North - West of Kenaston Boulevard</u>					
N.1	Ditch Grading	CW 3110-R8	m ²	6285		
N.2	Ditch Excavation	CW 3110-R8	m ³	960		
N.3	Ditch Seed Mix (incl. Hydro Mulch)	CW3540-R3, E49	m ²	8415		
N	<u>Ditching on Wilkes and CN Rivers North - West of Kenaston Boulevard</u>				Subtotal:	
O	<u>Underground Works Provisional Items</u>					
O.1	Removal of Existing Culverts	E22	each	3		
O.2	Curb Stop Boxes-Replace Existing	CW 2110-R8				
	i) 50mm		each	1		
O.3	Curb Stops-Replace Existing	CW 2110-R8				
	i) 50mm		each	1		
O.4	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R9				
	i) 1200mm					
	a) Class 3 Backfill		each	1		
	ii) 600mm					
	a) Class 3 Backfill		each	1		
O.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		
O.6	Regrading of Existing Sewer Service - Longer Than 1.5m	CW 2110-R8				
	i) 150mm					
	a) in a trench, Class B sand bedding, Class 3 Backfill		m	10		

FORM B: PRICES

(SEE B9)

UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	200mm					
	a) in a trench, Class B sand bedding, Class 3 Backfill		m	10		
O.7	Replacing Standard Frames & Covers	CW 2130-R9				
	i) AP-004 - Standard Frame for Manhole and Catch Basin		each	2		
	ii) AP-005 - Standard Solid Cover for Standard Frame		each	2		
O.8	Adjustment of Catch Basins / Manholes Frames	CW 3210-R6	each	5		
O.9	Lifter Rings	CW 3210-R6				
	i) 38mm		each	4		
	ii) 51mm		each	1		
	iii) 64mm		each	1		
O	<u>Underground Works Provisional Items</u>				Subtotal:	
P	<u>Landscaping</u>					
P.1	Supply and Installation of Nursery Sod cw Topsoil and Finish Grading (+600mm)	CW3510-R8, E48	m ²	5640		
P.2	Supply and Installation of Nursery Sod (less than 600mm - no topsoil)	E48	m ²	3145		
P.3	Touch-up Grading	CW 3170-R3	m ²	45215		
P.4	Imported Topsoil for Ditch Seed Mix	CW 3540-R4, E49	m ³	1095		
P.5	Soil Amendments (for Native Seed Mixes)	E49	m ²	17700		
P.6	Planting Beds and Planting Soil Mixture (300mm compacted depth)	CW 3540-R4	m ²	3375		
P.7	Wood Chip Mulch (50mm)	E50	m ²	3375		
P.8	Erosion Control Blanket	E50	m ²	20		
P.9	Straw Wattle	E50	l.m.	100		
P.10	Black Plastic Edging	E50	l.m.	1225		
P.11	Chemical Application	E50	m ²	20		
	SEED MIXES					
P.12	Ditch Seed Mix (incl. Hydro Mulch)	CW3540-R3, E49	m ²	20295		
P.13	Salt-tolerant Prairie Grass Seed Mix (incl. Hydro Mulch)	E49	m ²	9775		

FORM B: PRICES

(SEE B9)

UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
P.14	Wildflower and Grass Seed Mix (incl. Hydro Mulch)	E49	m ²	6360		
P.15	Trefoil and Vetch Over-seed Mix	E49	m ²	8785		
TREES, SHRUBS AND VINES						
P.16	Manitoba Maple (50mm cal.)	E51/E53	each	6		
P.17	Green Ash (65mm cal.)	E51/E53	each	4		
P.18	18. Plains Cottonwood (50mm cal.)	E51/E53	each	1		
P.19	Pincherry (40mm cal.)	E51/E53	each	5		
P.20	Bur Oak (40mm cal.)	E51/E53	each	7		
P.21	American Elm (65mm cal.)	E51/E53	each	3		
P.22	Amur Maple (750mm ht.)	E51/E53	each	20		
P.23	Saskatoon (750mm ht.)	E51/E53	each	49		
P.24	Coronation Triumph Potentilla (450mm ht.)	E51/E53	each	76		
P.25	Abbotswood Potentilla (450 mm ht.)	E51/E53	each	18		
P.26	Jackman's Variety Potentilla (450 mm ht.)	E51/E53	each	152		
P.27	Hansa Rose (450mm ht.)	E51/E53	each	78		
P.28	Adelaide Hoodless Rose (600mm ht.)	E51/E53	each	121		
P.29	Silver Buffaloberry (750mm ht.)	E51/E53	each	64		
P.30	Western Snowberry (600mm ht.)	E51/E53	each	339		
P.31	Charles Joli Lilac (Common Lilac) (750mm ht.)	E51/E53	each	35		
P.32	Donald Wyman Lilac (750mm ht.)	E51/E53	each	44		
P.33	Highbush Cranberry (600mm ht.)	E51/E53	each	170		
P.34	Engleman's Ivy (2 yr.)	E51/E53	each	26		
CONCRETE PAVING STONE						
P.35	Paving Stones on a Lean Concrete Base	E55	m ²	215		
P.36	Grouted Tyndall Stone Pieces	E56	m ³	90		

FORM B: PRICES

(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
LONG-TERM MAINTENANCE						
P.37	General Plant Material and Planting Bed Maintenance	E52/E54	annual	2		
P.38	General Sod Maintenance	E52/E54	annual	2		
P.39	General Maintenance of Ditch Seed Mix Areas	E52/E54	annual	2		
P.40	General Maintenance of Salt-tolerant Prairie Grass Seed Areas	E52/E54	annual	2		
P.41	General Maintenance of Wildflower and Grass Seed Areas	E52/E54	annual	2		
P.42	General Cleanup Operations	E52	annual	2		
P.43	Annual Spring Cleanup of Landscaped Areas (including Salt and Sand Removal)	E52	per time	2		
P.44	Watering of Sod Areas	E52	per time	8		
P.45	Watering of Ditch Seed Mix Areas	E52	per time	8		
P.46	Watering of Salt-tolerant Prairie Grass and Wildflower and Grass Areas	E52	per time	8		
P.47	Watering of Trees, Shrubs and Vines	E52	per time	8		
P	<u>Landscaping</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES						
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
A	<u>Construction of a new Portland Concrete Pavement on Kenaston Boulevard from Kenaston Intermodal Ltd. Access to Taylor Avenue</u>				Subtotal:	
B	<u>Construction of Intersection Improvements at Kenaston Boulevard and Taylor Avenue</u>				Subtotal:	
C	<u>Construction of a new Portland Concrete Pavement and Asphalt Resurfacing on Kenaston Boulevard from Taylor Avenue to North Limit of Contract at Kenaston Boulevard</u>				Subtotal:	
D	<u>Construction of Multi-use Sidewalk on Kenaston Boulevard from Sterling Lyon Parkway to Taylor Avenue</u>				Subtotal:	
E	<u>Construction of Ramp to Wilkes Avenue from Kenaston Boulevard</u>				Subtotal:	
F	<u>Construction of Lorimer Boulevard from Sterling Lyon Parkway to Wilkes Avenue</u>				Subtotal:	
G	<u>Decommissioning of Kenaston Boulevard Detour</u>				Subtotal:	
H	<u>Decommissioning of CN Rivers Subdivision Rail Mainline Detour</u>				Subtotal:	
I	<u>DND Restoration</u>				Subtotal:	
J	<u>Bridge Works</u>				Subtotal:	
K	<u>Land Drainage Sewers - Kenaston Boulevard</u>				Subtotal:	
L	<u>Decommissioning Existing Underground Works - Kenaston Boulevard</u>				Subtotal:	
M	<u>Land Drainage Sewers - Lorimer Boulevard</u>				Subtotal:	
N	<u>Ditching on Wilkes and CN Rivers North - West of Kenaston Boulevard</u>				Subtotal:	
O	<u>Underground Works Provisional Items</u>				Subtotal:	
P	<u>Landscaping</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. 23-2006

KENASTON UNDERPASS PROJECT
KENASTON BOULEVARD RECONSTRUCTION
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. 23-2006

KENASTON UNDERPASS PROJECT
KENASTON BOULEVARD RECONSTRUCTION
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 Branch
185 King Street, Main Floor
Winnipeg MB R3B 1J1

RE: BID SECURITY – BID OPPORTUNITY NO. 23-2006

KENASTON UNDERPASS PROJECT
KENASTON BOULEVARD RECONSTRUCTION
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 May 29, 2006.

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)