

FORM A: BID
(See B8)

1. Contract Title OSBORNE STREET BRIDGE REHABILITATION AND RELATED 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.

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 C4.

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

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

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

No.		Dated	
_____		_____	_____
_____		_____	_____
_____		_____	_____

11. Time This offer shall be open for acceptance, binding and irrevocable for a period of forty-five (45) Calendar Days following the Submission Deadline.

12. Signatures

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

_____ day of _____, 20_____.

Signature of Bidder or
Bidder's Authorized Official or Officials

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

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

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A	<u>BRIDGE WORK: PHASE 1 (CONSTRUCTION 2011)</u>					
A.1	Mobilization and Demobilization	E4/E5	L.S.	1		
A.2	Traffic Control and Management	E6	L.S.	1		
A.3	Pedestrian Protection	E7	L.S.	1		
A.4	Structural Removals	E8				
	i) Handrail		L.S.	1		
	ii) Asphalt Overlay		L.S.	1		
	iii) Concrete Bridge Deck Overhang and Sidewalk Slab Overhang		L.S.	1		
	iv) Deck Drains		L.S.	1		
	v) Preparation for New Deck Drains		L.S.	1		
	vi) Expansion Joints		L.S.	1		
	vii) Approach Slabs		L.S.	1		
	viii) Abutments		L.S.	1		
	ix) North Abutment Approach Precast Concrete Channel Girders		L.S.	1		
	x) Navigation Lights		L.S.	1		
	xi) Stage I Deck Concrete		L.S.	1		
	xii) Stage II Deck Concrete		L.S.	1		
	xiii) Stage III Deck Concrete					
	a) Type 1		m ²	150		
	b) Type 2		m ²	20		
	c) Type 3		m ²	130		
A.5	Bridge Deck Surface Preparation	E8	L.S.	1		
A.6	Relocate and Remove River Level Monitoring System	E8	L.S.	1		
A.7	Supply and Place Structural Backfill	E10				
	i) Granular Backfill		m ³	1,000		
	ii) Suitable Site Backfill Material		m ³	75		
A.8	Supply and Place Black Reinforcing Steel	E11	kg	3,000		
A.9	Supply and Place Stainless Steel Reinforcing	E11	kg	130,000		
A.10	Install Reinforcing Steel Into Hardened Concrete	E11	each	850		
A.11	Supply and Place Structural Concrete	E12				
	i) Stage I Bridge Deck		L.S.	1		
	ii) Bridge Sidewalk Slab		L.S.	1		
	iii) Bridge Traffic Barriers		L.S.	1		
	iv) North Abutment Slab		L.S.	1		
	v) Expansion Joint Dams		L.S.	1		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
vi)	Approach Slabs		L.S.	1		
vii)	Roadway Slabs		L.S.	1		
viii)	Abutment Modifications		L.S.	1		
ix)	Stage II Bridge Deck					
a)	Type 1		m ²	150		
b)	Type 2		m ²	20		
A.12	Supply and Install Moveable Deck Hoarding for Deck Slab Concrete	E12	L.S.	1		
A.13	Supply and Install Anchor Units for Bridge Street Lights and Aluminum Pedestrian Handrail	E12	L.S.	1		
A.14	Supply and Install Galvanized Steel Bridge Traffic Barrier Expansion Joint Assembly	E12	each	104		
A.15	Supply and Install Galvanized Steel Bridge Traffic Barrier Drains	E12	each	30		
A.16	Supply and Install Galvanized Steel Bridge Deck Drains	E12	each	16		
A.17	Supply and Place High Performance Concrete (HPC) Overlay	E13	L.S.	1		
A.18	Supply and Install Moveable Deck Hoarding for High Performance Concrete (HPC) Overlay	E13	L.S.	1		
A.19	Supply and Place Sidewalk Wearing Surface High Concrete (WSC) Overlay	E14	m ²	340		
A.20	Supply and Install Stainless Steel Art Sidewalk Strips	E14	m ²	340		
A.21	Supply and Install Moveable Deck Hoarding for Sidewalk Wearing Surface Concrete (WSC) Overlay	E14	L.S.	1		
A.22	Repair Miscellaneous Areas of Concrete	E15	m ²	100		
A.23	Activated Arc Spray Zinc Corrosion Protection	E16	m ²	115		
A.24	Install Disc Bearings	E17				
i)	Mk'D'		each	2		
ii)	Mk'E'		each	2		
iii)	Mk'F'		each	1		
iv)	Mk'G'		each	1		
A.25	Install Steel Reinforced Elastomeric Bearings	E17				
i)	Mk'A'		each	2		
ii)	Mk'B'		each	10		
iii)	Mk'C'		each	2		
A.26	Post Tensioning Inspection and Remedial Repairs	E18	m	190		
A.27	Supply and Install Post Tensioning Strand Splicing	E18	each	15		
A.28	Supply and Install Post Tensioning Strand Grout	E18	m	95		
A.29	Supply and Install Zinc Anode Units	E18	each	190		
A.30	Supply and Install Recess Grouting	E18	m	190		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.31	Supply and Install Expansion Joints	E19	each	2		
A.32	Supply and Install Aluminum Pedestrian Handrail	E20	m	160		
A.33	Supply and Install Aluminum Art Balusters	E20	each	50		
A.34	Supply and Install Aluminum Art Gateway Panels	E20	m	9		
A.35	Hot-Poured Rubberized Asphalt Waterproofing	E21	m ²	140		
A.36	Supply and Install LED Lighting for Aluminum Pedestrian Handrail, Art Balusters and Gateway Panels	E23	L.S.	1		
A.37	Supply and Install Bridge Street Lights, Navigation Lights, River Level Monitoring System, and Underbridge Light Fixtures	E24				
	i) Navigation Lights		L.S.	1		
	ii) River Level Monitoring System		L.S.	1		
A.38	Electrical Conduits	E25				
	i) 125 mm - Supply		m	560		
	ii) 125 mm - Install		m	560		
	iii) 100 mm - Supply		m	420		
	iv) 100 mm - Install		m	420		
	v) 50 mm - Supply		m	280		
	vi) 50 mm - Install		m	280		
	vii) 25 mm - Supply		m	70		
	viii) 25 mm - Install		m	70		
A.39	Reinstall and Reconnect MTS Conduits		L.S.	1		
A.40	Supply and Install QuadGuard II System	E28	each	1		
A.41	Supply and Install QuadGuard CZ System	E28	each	2		
A.42	Transport and Install Temporary Precast Concrete Barriers	E30	each	140		
A.43	Relocate Temporary Precast Concrete Barriers	E30	each	196		
A.44	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Main Line Paving					
	a) Type 1A		tonne	40		
A	<u>BRIDGE WORK: PHASE 1 (CONSTRUCTION 2011)</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>ROADWORK: PHASE 1 - NORTHBOUND LANES (2011)</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R12	m ³	250		
B.2	Sub-Grade Compaction	CW 3110-R12	m ²	500		
B.3	Crushed Sub-base Material	CW 3110-R12				
	i) 50 mm - Limestone		tonne	470		
B.4	Supplying and Placing Base Course Material	CW 3110-R12, E33	m ³	40		
B.5	Grading of Boulevards	CW 3110-R12	m ²	100		
B.6	Removal of Existing Concrete Bases	CW 3110-R12				
	i) 600mm Diameter or Less		each	9		
	ROADWORK - REMOVALS/RENEWALS					
B.7	Slab Replacement	CW 3230-R6				
	i) 230 mm Concrete Pavement (Plain-Dowelled)		m ²	300		
	ii) 200 mm Concrete Pavement (Plain-Dowelled)		m ²	295		
B.8	Partial Slab Patches	CW 3230-R6				
	i) 200 mm Concrete Pavement (Type A)		m ²	10		
	ii) 200 mm Concrete Pavement (Type B)		m ²	835		
	iii) 200 mm Concrete Pavement (Type C)		m ²	40		
	iv) 200 mm Concrete Pavement (Type D)		m ²	135		
B.9	Slab Replacement - Early Opening (24 hour)	CW 3230-R6				
	i) 200 mm Concrete Pavement (Plain-Dowelled)		m ²	70		
B.10	Partial Slab Patches - Early Opening (24 hour)	CW 3230-R6				
	i) 200 mm Concrete Pavement (Type B)		m ²	75		
B.11	Drilled Dowels	CW 3230-R6				
	i) 19.1 mm Diameter		each	970		
B.12	Drilled Tie Bars	CW 3230-R6				
	i) 20 M Deformed Tie Bar		each	1050		
B.13	Miscellaneous Concrete Slab Removal	CW 3235-R7				
	i) Median Slab		m ²	500		
	ii) Sidewalk		m ²	945		
B.14	Miscellaneous Concrete Slab Installation	CW 3235-R7				
	i) Sidewalk	SD-228A, E42	m ²	1285		
B.15	Concrete Curb Removal	CW 3240-R8				
	i) Barrier (Separate)		m	425		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ii) Curb Ramp		m	50		
B.16	Concrete Curb Installation	CW 3240-R8				
	i) Barrier (180mm ht, Dowelled) Slip Form Paving	SD-205	m	425		
	ii) Mountable Curb (120mm ht, Integral)	SD-201	m	10		
	iii) Curb Ramp (10-15mm ht, Integral)	SD-229A,B,C	m	85		
	iv) Splash Strip (180mm ht, Monolithic Barrier Curb, 750mm width)	SD-223A	m	25		
B.17	Supply and Installation of Dowel Assemblies	CW 3310-R14	m	80		
B.18	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	25		
B.19	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Main Line Paving					
	a) Type IA		tonne	1610		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	250		
B.20	Planing of Pavement	CW 3450-R5				
	i) 0 - 50 mm Depth (Asphalt)		m ²	800		
	ii) 50 - 100 mm Depth (Asphalt)		m ²	5690		
	ROADWORK - NEW CONSTRUCTION					
B.21	Supply and Install 60mm Paving Stone	CW 3330-R5, E42, E43				
	i) Endicott Clay Brick Paver 60x102x204mm (Manganese Ironspot)		m ²	100		
	ii) Transit Blue Holland Paver 60x105x210mm		m ²	5		
	JOINT AND CRACK SEALING					
B.22	Reflective Crack Maintenance	CW 3250-R7	m	1150		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.23	Catch Basin	CW 2130-R11				
	i) SD-024, 1800mm deep		each	5		
B.24	Catch Pit	CW 2130-R11				
	i) SD-023		each	2		
B.25	Sewer Service	CW 2130-R11				
	i) 250mm					
	a) In a Trench, Class B sand Bedding, Class 2 Backfill		m	15		
B.26	Replacing Standard Frames & Covers	CW 2130-R11				
	i) AP-004 - Standard Frame for Manhole and Catch Basin		each	5		
	ii) AP-005 - Standard Solid Cover for Standard Frame		each	5		
B.27	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R11				
	i) 250mm		each	5		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.28	Removal of Existing Catch Basins	CW 2130-R11	each	7		
	ADJUSTMENTS					
B.29	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	6		
B.30	Replacing Existing Risers	CW 2130-R11				
	i) Pre-cast Concrete Risers		vert. m	1		
B.31	Lifter Rings	CW 3210-R7				
	i) 51mm		each	5		
B.32	Adjustment of Valve Boxes	CW 3210-R7	each	6		
	LANDSCAPING					
B.33	Sodding	CW 3510-R9				
	i) width > or = 600mm		m ²	100		
B.34	Salt Tolerant Seeding	E37	m ²	100		
B.35	Construction of Northeast Planter and Paver Edging	E44	LS	1		
	MISCELLANEOUS					
B.36	610 x 1220mm Detectable Warning Surface Tiles	E31	each	13		
B.37	300 x 300mm Detectable Warning Surface Tiles	E31	each	10		
B.38	Cast-in-place Concrete Foundations	E40				
	i) Heated Shelter Foundation		LS	1		
	ii) Bus Stop Flag Foundation		LS	1		
B.39	Transport and Install Triton Water Filled Traffic Barriers	E29	each	40		
B.40	Relocate Triton Water Filled Traffic Barriers	E29	each	50		
B	<i>ROADWORK: PHASE 1 - NORTHBOUND LANES (2011)</i>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>BRIDGE WORK: PHASE 2 (CONSTRUCTION 2012)</u>					
C.1	Mobilization and Demobilization	E4/E5	L.S.	1		
C.2	Traffic Control and Management	E6	L.S.	1		
C.3	Pedestrian Protection	E7	L.S.	1		
C.4	Structural Removals	E8				
	i) Handrail		L.S.	1		
	ii) Asphalt Overlay		L.S.	1		
	iii) Concrete Bridge Deck Overhang and Sidewalk Slab Overhang		L.S.	1		
	iv) Deck Drains		L.S.	1		
	v) Preparation for New Deck Drains		L.S.	1		
	vi) Expansion Joints		L.S.	1		
	vii) Approach Slabs		L.S.	1		
	viii) Abutments		L.S.	1		
	ix) North Abutment Approach Precast Concrete Channel Girders		L.S.	1		
	x) Navigation Lights		L.S.	1		
	xi) Stage I Deck Concrete		L.S.	1		
	xii) Stage II Deck Concrete		L.S.	1		
	xiii) Stage III Deck Concrete					
	a) Type 1		m ²	150		
	b) Type 2		m ²	20		
	c) Type 3		m ²	130		
C.5	Bridge Deck Surface Preparation	E8	L.S.	1		
C.6	Temporary Relocation of Live MTS Conduits	E8	L.S.	1		
C.7	Supply and Place Structural Backfill	E10				
	i) Granular Backfill		m ³	800		
	ii) Suitable Site Backfill Material		m ³	75		
C.8	Supply and Place Black Reinforcing Steel	E11	kg	3,500		
C.9	Supply and Place Stainless Steel Reinforcing	E11	kg	140,000		
C.10	Install Reinforcing Steel Into Hardened Concrete	E11	each	800		
C.11	Supply and Place Structural Concrete	E12				
	i) Stage I Bridge Deck		L.S.	1		
	ii) Bridge Sidewalk Slab		L.S.	1		
	iii) Bridge Traffic Barriers		L.S.	1		
	iv) North Abutment Slab		L.S.	1		
	v) Expansion Joint Dams		L.S.	1		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
vi)	Approach Slabs		L.S.	1		
vii)	Roadway Slabs		L.S.	1		
viii)	Abutment Modifications		L.S.	1		
ix)	Pier Cap Modifications		L.S.	1		
x)	Slope Paving Protection		L.S.	1		
xi)	Stage II Bridge Deck					
a)	Type 1		m ²	150		
b)	Type 2		m ²	20		
C.12	Supply and Install Moveable Deck Hoarding for Deck Slab Concrete	E12	L.S.	1		
C.13	Supply and Install Anchor Units for Bridge Street Lights and Aluminum Pedestrian Handrail	E12	L.S.	1		
C.14	Supply and Install Galvanized Steel Bridge Traffic Barrier Expansion Joint Assembly	E12	each	216		
C.15	Supply and Install Galvanized Steel Bridge Traffic Barrier Drains	E12	each	30		
	Supply and Install Galvanized Steel Bridge Deck Drains	E12	each	2		
C.16	Supply and Place High Performance Concrete (HPC) Overlay	E13	L.S.	1		
C.17	Moveable Deck Hoarding for High Performance Concrete (HPC) Overlay	E13	L.S.	1		
C.18	Supply and Place Sidewalk Wearing Surface High Concrete (WSC) Overlay	E14	m ²	340		
C.19	Supply and Install Stainless Steel Art Sidewalk Strips	E14	m ²	340		
C.20	Moveable Deck Hoarding for Sidewalk Wearing Surface Concrete (WSC) Overlay	E14	L.S.	1		
C.21	Repair Miscellaneous Areas of Concrete	E15	m ²	100		
C.22	Activated Arc Spray Zinc Corrosion Protection	E16	m ²	115		
C.23	Install Disc Bearings	E17				
i)	Mk'D'		each	4		
ii)	Mk'E'		each	2		
iii)	Mk'F'		each	1		
iv)	Mk'G'		each	1		
C.24	Install Steel Reinforced Elastomeric Bearings	E17				
i)	Mk'A'		each	2		
ii)	Mk'B'		each	10		
iii)	Mk'C'		each	2		
C.25	Post Tensioning Inspection and Remedial Repairs	E18	m	190		
	Supply and Install Post Tensioning Strand Splicing	E18	each	15		
C.26	Supply and Install Post Tensioning Strand Grout	E18	m	95		
C.27	Supply and Install Zinc Anode Units	E18	each	190		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.28	Supply and Install Recess Grouting	E18	m	190		
C.29	Supply and Install Expansion Joints	E19	each	2		
C.30	Supply and Install Aluminum Pedestrian Handrail	E20	m	190		
C.31	Supply and Install Aluminum Art Balusters	E20	each	50		
C.32	Supply and Install Aluminum Art Gateway Panels	E20	m	10		
C.33	Hot-Poured Rubberized Asphalt Waterproofing	E21	m ²	110		
C.34	Remove Existing Slope Paving	E21	L.S.	1		
C.35	Construct Slope Protection	CW-3615-R2/E22	m ³	775		
C.36	Supply and Install LED Lighting for Aluminum Pedestrian Handrail, Art Balusters and Gateway Panels	E23	L.S.	1		
C.37	Supply and Install Bridge Street Lights, Navigation Lights, River Level Monitoring System, and Underbridge Lights	E24				
	i) Navigation Lights		L.S.	1		
	ii) Underbridge Lights		L.S.	1		
C.38	Supply and Install Electrical Conduit	E25				
	i) 125 mm - Supply		m	560		
	ii) 125 mm - Install		m	560		
	iii) 100 mm - Supply		m	420		
	iv) 100 mm - Install		m	420		
	v) 50 mm - Supply		m	280		
	vi) 50 mm - Install		m	280		
C.39	Remove and Salvage QuadGuard CZ System	E28	each	2		
C.40	Relocate Temporary Precast Concrete Barriers	E30	each	224		
C.41	Remove and Transport Temporary Precast Concrete Barriers	E30	each	140		
C.42	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Main Line Paving					
	a) Type 1A		tonne	30		
C	<u>BRIDGE WORK: PHASE 2 (CONSTRUCTION 2012)</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<u>ROADWORK: PHASE 2 - SOUTHBOUND LANES (2012)</u>					
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R12	m ³	75		
D.2	Grading of Boulevards	CW 3110-R12	m ²	160		
D.3	Removal of Existing Concrete Bases	CW 3110-R12				
	i) 600mm Diameter or Less		each	7		
	ROADWORK - REMOVALS/RENEWALS					
D.4	Pavement Removal	CW 3110-R12				
	i) Asphalt Pavement		m ²	500		
D.5	Slab Replacement	CW 3230-R6				
	i) 230 mm Concrete Pavement (Plain-Dowelled)		m ²	100		
	ii) 230 mm Concrete Pavement (Plain-Dowelled, Tinted)	E38	m ²	130		
	iii) 200 mm Concrete Pavement (Plain-Dowelled)		m ²	500		
D.6	Partial Slab Patches	CW 3230-R6				
	i) 200 mm Concrete Pavement (Type A)		m ²	10		
	ii) 200 mm Concrete Pavement (Type B)		m ²	840		
	iii) 200 mm Concrete Pavement (Type C)		m ²	45		
	iv) 200 mm Concrete Pavement (Type D)		m ²	135		
D.7	Slab Replacement - Early Opening (24 hour)	CW 3230-R6				
	i) 200 mm Concrete Pavement (Plain-Dowelled)		m ²	100		
D.8	Partial Slab Patches - Early Opening (24 hour)	CW 3230-R6				
	i) 200 mm Concrete Pavement (Type B)		m ²	110		
D.9	Drilled Dowels	CW 3230-R6				
	i) 19.1 mm Diameter		each	1430		
D.10	Drilled Tie Bars	CW 3230-R6				
	i) 20 M Deformed Tie Bar		each	2090		
D.11	Miscellaneous Concrete Slab Removal	CW 3235-R7				
	i) Sidewalk		m ²	1280		
D.12	Miscellaneous Concrete Slab Installation	CW 3235-R7				
	i) Monolithic Median Slab	SD-226A	m ²	55		
	ii) Safety Median	SD-226B	m ²	300		
	iii) Sidewalk	SD-228A, E42	m ²	1355		
	iv) Structural Sidewalk	E42	LS	1		
D.13	Concrete Curb Removal	CW 3240-R8				
	i) Barrier (Separate)		m	425		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ii) Curb Ramp		m	80		
D.14	Concrete Curb Installation	CW 3240-R8				
	i) Barrier (180mm ht, Dowelled)	SD-205	m	425		
	ii) Barrier (300mm width, Separate)	SD-203A, E38	m	175		
	iii) Mountable Curb (120mm ht, Integral)	SD-201	m	30		
	iv) Curb Ramp (10-15mm ht, Integral)	SD-229A,B,C	m	130		
	v) Splash Strip (180mm ht, Monolithic Barrier Curb, 750mm width)	SD-223A	m	30		
	vi) Transition Median Barrier	E32	m	20		
D.15	Supply and Installation of Dowel Assemblies	CW 3310-R14	m	170		
D.16	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	100		
D.17	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
	i) Main Line Paving					
	a) Type IA		tonne	1615		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	105		
D.18	Planing of Pavement	CW 3450-R5				
	i) 0 - 50 mm Depth (Asphalt)		m ²	985		
	ii) 50 - 100 mm Depth (Asphalt)		m ²	5690		
	ROADWORK - NEW CONSTRUCTION					
D.19	Supply and Install 60mm Paving Stones	CW 3330-R5, E42, E43				
	i) Endicott Clay Brick Paver 60x102x204mm (Manganese Ironspot)		m ²	355		
	ii) Transit Blue Holland Paver 60x105x210mm		m ²	5		
D.20	Lean Concrete Base	CW 3335-R1	m ²	175		
	JOINT AND CRACK SEALING					
D.21	Reflective Crack Maintenance	CW 3250-R7	m	1150		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.22	Connecting to Existing Manhole	CW 2130-R11				
	i) 250mm		each	1		
D.23	Catch Basin	CW 2130-R11				
	i) SD-024, 1800mm deep		each	6		
D.24	Sewer Service	CW 2130-R11				
	i) 250mm					
	a) In a Trench, Class B sand Bedding, Class 2 Backfill		m	45		
D.25	Connecting to Existing Sewer	CW 2130-R11				
	i) 250mm PVC to 1370mm SRS		each	1		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.26	Replacing Standard Frames & Covers	CW 2130-R11				
	i) AP-004 - Standard Frame for Manhole and Catch Basin		each	5		
	ii) AP-005 - Standard Solid Cover for Standard Frame		each	5		
D.27	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R11				
	i) 250mm		each	4		
D.28	Removal of Existing Catch Basins	CW 2130-R11	each	6		
ADJUSTMENTS						
D.29	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	5		
D.30	Replacing Existing Risers	CW 2130-R11				
	i) Pre-cast Concrete Risers		vert. m	1		
D.31	Lifter Rings	CW 3210-R7				
	i) 51mm		each	1		
D.32	Adjustment of Valve Boxes	CW 3210-R7	each	6		
LANDSCAPING						
D.33	Sodding	CW 3510-R9				
	i) width > or = 600mm		m ²	400		
D.34	Salt Tolerant Seeding	E37	m ²	60		
D.35	Construction of Northwest Planter and Paver Edging	E44	LS	1		
MISCELLANEOUS						
D.36	610 x 1220mm Detectable Warning Surface Tiles	E31	each	24		
D.37	300 x 300mm Detectable Warning Surface Tiles	E31	each	10		
D.38	Relocate Triton Water Filled Traffic Barriers	E29	each	40		
D.39	Remove and Transport Triton Water Filled Traffic Barriers	E29	each	40		
D	ROADWORK: PHASE 2 - SOUTHBOUND LANES (2012)				Subtotal:	
SUMMARY						
A	BRIDGE WORK: PHASE 1 (CONSTRUCTION 2011)				Subtotal:	
B	ROADWORK: PHASE 1 - NORTHBOUND LANES (2011)				Subtotal:	
C	BRIDGE WORK: PHASE 2 - (CONSTRUCTION 2012)				Subtotal:	
D	ROADWORK: PHASE 2 - SOUTHBOUND LANES (2012)				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 hereinafter described, for the payment of which sum the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a Bid to the Obligee for

BID OPPORTUNITY NO. 8-2011

OSBORNE STREET BRIDGE REHABILITATION AND RELATED 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 as to Principal if no seal)

(Name of Principal)

Per: _____ (Seal)

Per: _____

(Name of Surety)

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

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2)
(See 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. 8-2011

OSBORNE STREET BRIDGE REHABILITATION AND RELATED 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 forty-five 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. 8-2011

OSBORNE STREET BRIDGE REHABILITATION AND RELATED 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 2, 2011.

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)