

**FORM A: BID**  
(See B8)

1. Contract Title **NESS AVENUE AT STURGEON CREEK BRIDGE CONSTRUCTION**

2. Bidder

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Usual Business Name of Bidder as it appears on Invoice (if different from above)

\_\_\_\_\_  
Street

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

\_\_\_\_\_  
Email Address of Bidder

\_\_\_\_\_  
Facsimile Number

Mailing address if different)

\_\_\_\_\_  
Street or P.O. Box

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

\_\_\_\_\_  
GST Registration Number (if applicable)

(Choose one)

The Bidder is:

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 B12.1, 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/she 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 ninety (90) 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 B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>A</b>	<b><u>NESS AVENUE AT STURGEON CREEK - BRIDGE WORKS</u></b>					
A.1	Mobilization and Demobilization	E5/E6	LS	1		
A.2	Traffic Control	E7	LS	1		
A.3	Creek Flow Maintenance	E8	LS	1		
A.4	Creek Bank Excavation	E9	LS	1		
A.5	Slope Stabilization	E10	m <sup>3</sup>	2,500		
A.6	Supply and Install Silt Fence Barrier	E11	m	150		
A.7	Supply and Install Erosion Control Blanket	E12	m <sup>2</sup>	1,500		
A.8	Structural Removals	E13				
i)	Culvert and Headwall		LS	1		
ii)	Aqua Terra Stabilization System		LS	1		
iii)	Heritage Park Area Markers		LS	1		
iv)	Salvage Items		LS	1		
A.9	Supply and Place Structural Backfill	E14				
i)	Granular Backfill		LS	1		
ii)	Suitable Site Backfill Material		LS	1		
A.10	Supply and Place Black Reinforcing Steel	E15	kg	100,000		
A.11	Supply and Place Stainless Steel Reinforcing	E15	kg	50,000		
A.12	Supply and Place Structural Concrete	E16				
i)	Steel Pipe Piles		LS	1		
ii)	Abutments		LS	1		
iii)	Piers		LS	1		
iv)	Bridge Deck		LS	1		
v)	Bridge Traffic Barriers		LS	1		
vi)	Bridge Sidewalk		LS	1		
vii)	Approach Slabs		LS	1		
viii)	Retaining Wall		LS	1		
ix)	Slope Paving		LS	1		

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES**  
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
x)	Underbridge Sidewalk		LS	1		
A.13	Supply and Install Anchor Units for Aluminum Pedestrian Handrail	E16	LS	1		
A.14	Supply and Install Galvanized Steel Bridge Traffic Barrier Expansion Joint Assembly	E16	each	30		
A.15	Steel H Piles	E17	m	200		
A.16	Steel Pipe Piles	E17	m	220		
A.17	Steel Sleeves/Casings	E17	m	100		
A.18	PDA Testing	E18	each	4		
A.19	Supply Precast Prestressed Concrete Girders	E19	each	42		
A.20	Erect Precast Prestressed Concrete Girders	E20	each	42		
A.21	Posttensioning Girders	E21	LS	1		
A.22	Supply and Install Steel Reinforced Elastomeric Bearings	E22	each	56		
A.23	Supply and Install Elastomeric Bearing Pad	E22	m <sup>2</sup>	30		
A.24	Supply and Install Aluminum Pedestrian Handrail/Bicycle Rail	E23	m	120		
A.25	Hot-Poured Rubberized Asphalt Waterproofing	E24	m <sup>2</sup>	600		
A.26	Asphalt Overlay on Bridge	E25	tonne	150		
A.27	Underbridge Lighting	E26	LS	1		
<b>A</b>	<b><u>NESS AVENUE AT STURGEON CREEK - BRIDGE WORKS</u></b>				Subtotal:	

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>B</b>	<b><u>NESS AVENUE RECONSTRUCTION (Wharton Blvd to Valley View Drive)</u></b>					
	<b>EARTH AND BASE WORKS</b>					
B.1	Excavation	CW 3110-R19	m <sup>3</sup>	1210		
B.2	Sub-Grade Compaction	CW 3110-R19	m <sup>2</sup>	2850		
B.3	Crushed Sub-base Material	CW 3110-R19				
	i) 50 mm		tonne	1420		
	ii) 100 mm		tonne	2840		
B.4	Supplying and Placing Base Course Material	CW 3110-R19	m <sup>3</sup>	620		
B.5	Grading of Boulevards	CW 3110-R19	m <sup>2</sup>	860		
B.6	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	4115		
B.7	Supply and Install Geogrid	CW 3135-R1	m <sup>2</sup>	410		
	<b>ROADWORKS - RENEWALS</b>					
B.8	Pavement Removal	CW 3110-R19				
	i) Concrete Pavement		m <sup>2</sup>	3310		
	ii) Asphalt Pavement		m <sup>2</sup>	3310		
B.9	Miscellaneous Concrete Slab Removal	CW 3235-R9				
	i) 100 mm Sidewalk		m <sup>2</sup>	610		
B.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
	i) 100 mm Sidewalk	SD-228A				
	a) Greater than 20 sq.m.		m <sup>2</sup>	235		
B.11	Concrete Curb Removal	CW 3240-R10				
	i) Barrier Separate		m	545		
	ii) Curb Ramp		m	36		

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**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.12	Detectable Warning Surface Tiles	CW 3326-R2	each	16		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
B.13	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R16				
	i) Construction of Curb and Gutter (180mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	380		
	ii) Construction of Curb and Gutter (180mm ht, Modified Barrier, Integral, 600mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	122		
	iii) Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229E	m	48		
B.14	100 mm Concrete Sidewalk	CW 3325-R5	m <sup>2</sup>	870		
B.15	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
	i) Main Line Paving					
	a) Type IA		tonne	320		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	85		
B.16	Construction of Asphaltic Concrete Base	CW 3410-R10	tonne	810		
	<b>JOINT AND CRACK SEALING</b>					
B.17	Reflective Crack Maintenance	CW 3250-R7	m	260		
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
B.18	Catch Basin	CW 2130-R12				
	i) SD-024, 1800mm deep		each	12		
B.19	Sewer Service	CW 2130-R12				
	i) 250 mm, PVC LDS					

**FORM B: PRICES**  
 (SEE B10)

**UNIT PRICES**

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.20	a) In a Trench, Class B Type 3 Bedding, Class 3 Backfill Connecting to Existing Manhole	CW 2130-R12	m	125		
B.21	i) 250mm Catch Basin Lead Connecting to Existing Sewer	CW 2130-R12	each	8		
B.21	i) 250 mm PVC Connecting Pipe					
B.22	a) Connecting to 750 mm Concrete Sewer b) Connecting to 1950 mm Concrete Sewer		each	2		
B.22	Removal of Existing Catch Basins	CW 2130-R12	each	6		
B.23	Removal of Existing Catch Pit	CW 2130-R12	each	2		
B.24	Installation of Subdrains	CW 3120-R4	m	144		
B.25	High Density Polyethylene Pipe - Install	CW 3610-R4				
B.25	i) 150mm		m	5		
<b>ADJUSTMENTS</b>						
B.26	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	12		
B.27	Replacing Existing Risers	CW 2130-R12				
B.27	i) Pre-cast Concrete Risers		vert. m	3.6		
B.28	Lifter Rings	CW 3210-R7				
B.28	i) 51 mm		each	4		
B.28	ii) 64 mm		each	3		
B.29	Adjustment of Valve Boxes	CW 3210-R7	each	4		
B.30	Valve Box Extensions	CW 3210-R7	each	4		

\_\_\_\_\_  
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**FORM B: PRICES**  
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>LANDSCAPING</b>					
B.31	Sodding	CW 3510-R9				
	i) width < 600 mm		m <sup>2</sup>	30		
	ii) width > or = 600 mm		m <sup>2</sup>	830		
B.32	Tree Removal	E28	each	5		
	<b>MISCELLANEOUS</b>					
B.33	Chain Link Fence	CW 3550-R3				
	i) 1.83m Height		m	70		
	ii) 1.22m Height		m	50		
B.34	Salvaging Existing Barrier Rail	CW 3650-R6	m	100		
B.35	Salvaging Existing Barrier Posts	CW 3650-R6	each	28		
B.36	Reconstruct Wooden Fence (1.22m Height)	E41	m	10		
<b>B</b>	<b><i>NESS AVENUE RECONSTRUCTION (Wharton Blvd to Valley View Drive)</i></b>				Subtotal:	

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>C</b>	<b><u>NESS AVENUE REHABILITATION (Valley View Drive to Pebblewood Lane)</u></b>					
	<b>EARTH AND BASE WORKS</b>					
C.1	Excavation	CW 3110-R19	m <sup>3</sup>	50		
C.2	Supplying and Placing Base Course Material	CW 3110-R19	m <sup>3</sup>	30		
C.3	Grading of Boulevards	CW 3110-R19	m <sup>2</sup>	1500		
	<b>ROADWORKS - RENEWALS</b>					
C.4	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m <sup>2</sup>	35		
C.5	Slab Replacement	CW 3230-R8				
i)	230 mm Concrete Pavement (Plain-Dowelled)		m <sup>2</sup>	355		
C.6	Partial Slab Patches	CW 3230-R8				
i)	230 mm Concrete Pavement (Type A)		m <sup>2</sup>	40		
ii)	230 mm Concrete Pavement (Type B)		m <sup>2</sup>	190		
C.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	470		
C.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	720		
C.9	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m <sup>2</sup>	90		
C.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m <sup>2</sup>	17		
b)	5 sq.m. to 20 sq.m.		m <sup>2</sup>	45		

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**FORM B: PRICES**  
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**UNIT PRICES**

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	c) Greater than 20 sq.m.		m <sup>2</sup>	240		
C.11	Concrete Curb Renewal	CW 3240-R10				
	i) Barrier (180 mm reveal ht, Dowelled), Slip Form Paving	SD-203A				
	a) 3 m to 30 m		m	42		
	b) Greater than 30 m		m	465		
	ii) Modified Barrier (180 mm reveal ht, Dowelled)	SD-203B	m	35		
	iii) Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	35		
C.12	Supply and Installation of Dowel Assemblies	CW 3310-R16	m	25		
C.13	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
	i) Main Line Paving					
	a) Type IA		tonne	625		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	45		
C.14	Planing of Pavement	CW 3450-R5				
	i) 50 - 100 mm Depth (Asphalt)		m <sup>2</sup>	3450		
C.15	Detectable Warning Surface Tiles	CW 3326-R2	each	8		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
C.16	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R16				
	i) Construction of 230 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	35		
C.17	Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	10		
	<b>JOINT AND CRACK SEALING</b>					
C.18	Reflective Crack Maintenance	CW 3250-R7	m	490		

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
C.19	Catch Basin	CW 2130-R12				
i)	SD-024, 1800mm deep		each	5		
C.20	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024		each	3		
C.21	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023		each	2		
C.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC LDS					
a)	In a Trench, Class B Type 3 Bedding, Class 3 Backfill		m	35		
C.23	Drainage Connection Pipe	CW 2130-R12	m	15		
C.24	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	2		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	2		
C.25	Connecting to Existing Manhole	CW 2130-R12				
i)	250mm Catch Basin Lead		each	4		

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.26	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 750 mm LDS Sewer		each	2		
C.27	Removal of Existing Catch Basins	CW 2130-R12	each	5		
C.28	Installation of Subdrains	CW 3120-R4	m	90		
C.29	Sewer Inspection	CW 2145-R3				
i)	250mm		m	37		
i)	300mm		m	80		
	<b>ADJUSTMENTS</b>					
C.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
	<b>LANDSCAPING</b>					
C.31	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m <sup>2</sup>	1500		
<b>C</b>	<b><i>NESS AVENUE REHABILITATION (Valley View Drive to Pebblewood Lane)</i></b>				Subtotal:	

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>D</b>	<b><u>MULTI-USE PATHWAYS</u></b>					
	<b>EARTH AND BASE WORKS</b>					
D.1	Excavation	CW 3110-R19	m <sup>3</sup>	255		
D.2	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	610		
D.3	Supplying and Placing Base Course Material	CW 3110-R19	m <sup>3</sup>	88		
D.4	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	1760		
	<b>ROADWORKS - RENEWALS</b>					
D.5	Pavement Removal	CW 3110-R19				
i)	Asphalt Pavement		m <sup>2</sup>	315		
D.6	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m <sup>2</sup>	25		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
D.7	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	275		
	<b>JOINT AND CRACK SEALING</b>					
D.8	Reflective Crack Maintenance	CW 3250-R7	m	125		
	<b>LANDSCAPING</b>					
D.9	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m <sup>2</sup>	1315		
D.10	Tree Removal	E28	each	3		

\_\_\_\_\_  
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**FORM B: PRICES**  
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>MISCELLANEOUS</b>					
D.11	Site Furnishings					
	i) Benches - 1.8m long		each	2		
	ii) Trash Receptacles		each	2		
D.12	Salvage Bench		each	1		
<b>D</b>	<b><u>MULTI-USE PATHWAYS</u></b>				Subtotal:	

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>E</b>	<b><u>UNDERGROUND WORKS</u></b>					
	<b>LAND DRAINAGE SEWER</b>					
E.1	Land Drainage Sewers	CW 2130-R12				
i)	300mm - SDR 35 PVC					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill		m	10		
ii)	600mm - SDR 35 PVC					
a)	trenchless installation, Class B Type 3 bedding, Class 5 backfill		m	25		
iii)	1950mm - C76-CL III					
a)	In a trench, Class type 3 bedding, Class 3 backfill					
i)	4 - 5 meters		m	25		
E.2	Fitting Installation	CW 2130-R12				
i)	600mm - SDR 35 PVC					
a)	45° Bend		each	1		
b)	22 1/2° Bend		each	1		
ii)	1950 - C76-CL III 45° Bend					
a)	36° Bend		each	1		
E.3	Manhole	CW 2130-R12				
i)	SD-010					
a)	1200mm		vt.m	2.5		
E.4	New Manhole on Existing Sewer	CW 2130-R12				
i)	SD-010					
a)	1200mm		vt.m	2.5		
E.5	Replace Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers					
a)	1200mm		vt.m	3		
E.6	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	250 mm					
a)	Class 3 Backfill		each	2		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	300mm					
a)	Class 3 Backfill		each	1		
E.7	Replacing Existing Manhole and Catch Basin Frames and Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-005 - Standard Solid Cover fro Standard Frame		each	1		
E.8	Connecting to Existing Manhole	CW 2130-R12				
i)	600mm - SDR 35 PVC		each	1		
ii)	1950mm - C76-CL III		each	1		
E.9	Supply and Install Polymercoat CSP Outfall c/w granular underdrain	E39				
i)	750mm diam CSP (2.0mm)		m	15		
ii)	2000mm diam CSP (3.5mm)		m	15		
E.10	External Slip Joint	E39				
i)	750mm diam CSP		each	1		
ii)	2000mm diam CSP		each	1		
E.11	Construct Concrete Collar	E39				
i)	750mm diam CSP		each	1		
ii)	2000mm diam CSP		each	1		
E.12	Outfall Bar Screen	E39				
i)	750mm diam CSP		each	1		
ii)	2000mm diam CSP		each	1		
E.13	Seperation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	190		
E.14	Culvert Balast Block, 750mm outfall	E39	each	1		
E.15	Cast Iron Sluice Gate	E40				
i)	Supply and Delivery, 600mm x 600mm		each	1		
ii)	Installation and Testing, 600mm x 600mm		each	1		
E.16	Abandon Existing Sewers With Cement-Stablized Flowable Fill					
i)	600mm		m <sup>3</sup>	22		
E.17	Sewer Inspection	CW 2145-R3				

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	300mm		m	10		
ii)	600mm and 750mm outfall		m	48		
iii)	1950mm and 2000mm outfall		m	37		
<b>WATERMAINS</b>						
E.18	Watermain	CW 2110 R-11				
i)	150mm					
a)	Trenchless Installation, Class B sand bedding, Class 3 Backfill		m	25		
ii)	300mm					
a)	Trenchless Installation, Class B sand bedding, Class 3 Backfill		m	30		
E.19	Extraction of Existing Watermains To Be Abandoned					
i)	150mm		m	20		
E.20	Watermain Valve	CW 2110 R-11				
i)	150mm		each	2		
ii)	300mm		each	1		
E.21	Connecting to Existing Watermain and Large Diameter Water Service	CW 2110 R-11				
i)	Inline connection - no plug existing					
a)	150mm		each	1		
b)	300mm		each	4		
E.22	Fittings	CW 2110 R-11				
i)	Bend (SD-004)					
a)	300mm 22½° Bend		each	3		
ii)	Bend (SD-005)					
a)	150mm 22½° Vt. Bend		each	2		
iii)	Tees					
a)	300mm x 300mm x 150mm Tee		each	1		
E.23	Abandon Watermain	CW 2110 R-11				
i)	300mm		each	1		
<b>FORCEMAIN</b>						

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.24	Forcemain					
i)	250mm - C900 PVC					
a)	In a trench, Class type 3 bedding, Class 5 backfill		m	15		
E.25	Connecting to Existing Forcemain and Large Diameter Sewer Service	CW 2110 R-11				
i)	Inline connection - no plug existing					
a)	250mm - C900 PVC		each	2		
E.26	Fittings	CW 2110 R-11				
i)	Bends (SD-004)					
	250mm 45° Bend		each	2		
E.27	Bypass Pumping	CW 2110 R-11				
i)	Heritage Sewage Pumping Station		l.s.	1		
E.28	Abandon 250mm Forcemain	CW 2110 R-11				
	250mm		l.s.	1		
	<b>UNDERGROUND PROVISIONAL ITEMS</b>					
E.29	Exploration of Existing Utilities	E33	hour	24		
E.30	Board Insulation	E34				
i)	Pipe Insulation		m <sup>2</sup>	20		
ii)	Manhole or Catchbasin Sidewall Insulation		each	3		
E.31	Connecting Existing Sewer Service to New Sewer	CW 2130-R12				
i)	150mm		each	2		
<b>E</b>	<b><u>UNDERGROUND WORKS</u></b>				Subtotal:	

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>SUMMARY</b>						
A	<b>NESS AVENUE AT STURGEON CREEK - BRIDGE WORKS</b>				Subtotal:	
B	<b>NESS AVENUE RECONSTRUCTION (Wharton Blvd to Valley View Drive)</b>				Subtotal:	
C	<b>NESS AVENUE REHABILITATION (Valley View Drive to Pebblewood Lane)</b>				Subtotal:	
D	<b>MULTI-USE PATHWAYS</b>				Subtotal:	
E	<b>UNDERGROUND WORKS</b>				Subtotal:	
TOTAL BID PRICE (GST extra)					(in figures)	_____

\_\_\_\_\_  
 Name of Bidder

**FORM G1: BID BOND AND AGREEMENT TO BOND**

(Page 1 of 2)  
(See B12)

**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. 478-2015

NESS AVENUE AT STURGEON CREEK BRIDGE CONSTRUCTION

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 B12)

**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. 478-2015

NESS AVENUE AT STURGEON CREEK BRIDGE CONSTRUCTION

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 ninety (90) 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 B12)

\_\_\_\_\_  
(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. 478-2015  
NESS AVENUE AT STURGEON CREEK BRIDGE CONSTRUCTION

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 B12)**

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 January 13, 2016

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 (2007 Revision), International Chamber of Commerce Publication Number 600.

\_\_\_\_\_  
(Name of bank or financial institution)

Per: \_\_\_\_\_  
(Authorized Signing Officer)

Per: \_\_\_\_\_  
(Authorized Signing Officer)