FORM A: BID (See B8)

1.	Contract Title	NESS AVENUE AT STU	RGEON CREEK BRIDGE CON	STRUCTION
2.	Bidder	Name of Bidder		
		Usual Business Name of Bidde	as it appears on Invoice (if different fr	om above)
		Street		· · · · · · · · · · · · · · · · · · ·
		City	Province	Postal Code
		Email Address of Bidder		
		Facsimile Number		<u> </u>
	Mailing address if different)	Street or P.O. Box		
		City	Province	Postal Code
		GST Registration Number (if ap	plicable)	
	(Choose one)	The Bidder is:		
		a sole proprietor		
		a partnership		
		a corporation		
		carrying on business und	er the above name.	
3.	Contact Person	The Bidder hereby authors the Bidder for purposes of the Bidder for purpose	rizes the following contact per f the Bid.	son to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Definitions		ed in the Contract shall hav eneral Conditions and D3.	e the meanings

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:
		a bid bond (Form G1: Bid Bond and Agreement to Bond)
	(Choose one)	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)

UNIT PR ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Α	NESS AVENUE AT STURGEON CREEK - BRI	•		QUANTIT		
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 ³	2,500		
A.6	Supply and Install Silt Fence Barrier	E11	m	150		
A.7	Supply and Install Erosion Control Blanket	E12	m²	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		

	CES.	(SEE B10)				
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	m²	30		
A.24	Supply and Install Aluminum Pedestrian Handrail/Bicycle Rail	E23	m	120		
A.25	Hot-Poured Rubberized Asphalt Waterproofing	E24	m²	600		
A.26	Asphalt Overlay on Bridge	E25	tonne	150		
A.27	Underbridge Lighting	E26	LS	1		
Α	NESS AVENUE AT STURGEON CREEK - BRIL	DGE WORKS			Subtotal:	

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
В	NESS AVENUE RECONSTRUCTION (Wharto					
	EARTH AND BASE WORKS					
3.1	Excavation	CW 3110-R19	m³	1210		
3.2	Sub-Grade Compaction	CW 3110-R19	m²	2850		
3.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1420		
ii)	100 mm		tonne	2840		
3.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	620		
3.5	Grading of Boulevards	CW 3110-R19	m²	860		
3.6	Separation Geotextile Fabric	CW 3130-R4	m²	4115		
3.7	Supply and Install Geogrid	CW 3135-R1	m²	410		
	ROADWORKS - RENEWALS					
3.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	3310		
ii)	Asphalt Pavement		m²	3310		
3.9	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m²	610		
3.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
а) Greater than 20 sq.m.		m²	235		
3.11	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Separate		m	545		
ii)	Curb Ramp		m	36		

2ES	(SEE B10)				
DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Detectable Warning Surface Tiles	CW 3326-R2	each	16		
ROADWORKS - NEW CONSTRUCTION					
Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R16				
Construction of Curb and Gutter (180mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement)	SD-200	m	380		
Construction of Curb and Gutter (180mm ht, Modified Barrier, Integral, 600mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	122		
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		
100 mm Concrete Sidewalk	CW 3325-R5	m²	870		
Construction of Asphaltic Concrete Pavements	CW 3410-R10				
Main Line Paving					
Туре ІА		tonne	320		
Tie-ins and Approaches					
Туре ІА		tonne	85		
Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R10	tonne	810		
JOINT AND CRACK SEALING					
Reflective Crack Maintenance	CW 3250-R7	m	260		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch Basin	CW 2130-R12				
SD-024, 1800mm deep		each	12		
Sewer Service	CW 2130-R12				
250 mm, PVC LDS					
	Detectable Warning Surface Tiles ROADWORKS - NEW CONSTRUCTION Concrete Curbs, Curb and Gutter, and Splash Strips Construction of Curb and Gutter (180mm ht, Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement) Construction of Curb and Gutter (180mm ht, Modified Barrier, Integral, 600mm width, 150 mm Plain Concrete Pavement) Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement) 100 mm Concrete Sidewalk Construction of Asphaltic Concrete Pavements Main Line Paving Type IA Tie-ins and Approaches Type IA Construction of Asphaltic Concrete Base Course (Type III) JOINT AND CRACK SEALING Reflective Crack Maintenance ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch Basin SD-024, 1800mm deep Sewer Service	DESCRIPTIONSPEC. REF.Detectable Warning Surface TilesCW 3326-R2ROADWORKS - NEW CONSTRUCTIONConcrete Curbs, Curb and Gutter, and Splash StripsCW 3310-R16Construction of Curb and Gutter (180mm ht, Barrier, Integral, 600mm width, 150mm Plain Construction of Curb and Gutter (180mm ht, Modified Barrier, Integral, 600mm width, 150mm Plain Concrete Pavement)SD-200Construction of Curb and Gutter (180mm ht, Modified Barrier, Integral, 600mm width, 150 mm Plain Concrete Pavement)SD-200 SD-203BConstruction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)SD-200 SD-203E100 mm Concrete SidewalkCW 3325-R5Construction of Asphaltic Concrete PavementsCW 3410-R10Main Line PavingCW 3410-R10Type IAConstruction of Asphaltic Concrete Base Course (Type III)CW 3410-R10JOINT AND CRACK SEALING Reflective Crack MaintenanceCW 3250-R7ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch BasinCW 2130-R12SD-024, 1800mm deepCW 2130-R12	DESCRIPTIONSPEC. REF.UNIT REF.Detectable Warning Surface TilesCW 3326-R2eachROADWORKS - NEW CONSTRUCTION Concrete Curbs, Curb and Gutter, and Splash StripsCW 3310-R16Construction of Curb and Gutter (180mm ht, Barrier, Integral, 600mm width, 150mm Plain Construction of Curb and Gutter (180mm ht, Modified Barrier, Integral, 600mm width, 150 mm Plain Concrete Pavement)SD-200mConstruction of Curb and Gutter (180mm ht, Modified Barrier, Integral, 600mm width, 150 mm Plain Concrete Pavement)SD-200mConstruction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mmSD-200m100 mm Concrete Pavement)SD-200mConstruction of Asphaltic Concrete PavementsCW 3410-R10Main Line PavingTupe IAtonneType IAtonnetonneConstruction of Asphaltic Concrete Base Course (Type III)CW 3410-R10JOINT AND CRACK SEALING Reflective Crack MaintenanceCW 3250-R7mASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch BasinCW 2130-R12eachSewer ServiceCW 2130-R12each	ES UNIT APPROX. QUANTITY Detectable Warning Surface Tiles CW 3326-R2 each 16 ROADWORKS - NEW CONSTRUCTION CW 3310-R16 16 Concrete Curbs, Curb and Gutter (180mm ht, Barrier, Integral, 600mm width, 150mm Plain Construction of Curb and Gutter (180mm ht, Barrier, Integral, 600mm width, 150mm Plain Construction of Curb and Gutter (180mm ht, Modified Barrier, Integral, 600mm width, 150 mm Plain Concrete Pavement) SD-200 m 380 Construction of Curb and Gutter (180mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement) SD-200 m 48 Construction of Curb and Gutter (180mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement) SD-200 m 48 Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement) SD-2020 m 48 100 mm Concrete Sidewalk CW 3325-R5 m ² 870 870 Construction of Asphaltic Concrete Pavements CW 3410-R10 10 10 10 Main Line Paving tonne 85 10 10 810 Course (Type III) Construction of Asphaltic Concrete Base Course (Type III) CW 3410-R10 10 810 JOINT AND CRACK SEALING Reflective Crack Mainten	DESCRIPTION SPEC. REF. UNIT APPROX. QUANTITY UNIT PRICE Detectable Warning Surface Tiles CW 3326-R2 each 16 ROADWORKS - NEW CONSTRUCTION CW 3310-R16 intervention intervention Construction of Curb and Gutter, and Splash Strips CW 3310-R16 intervention intervention Construction of Curb and Gutter (180mm ht, Barrier, Integral, 600mm width, 150 mm Plain Concrete Pavement) SD-200 m 380 Construction of Curb and Gutter (180mm ht, Modified Barrier, Integral, 600mm width, 150 mm Plain Concrete Pavement) SD-200 m 48 Construction of Curb and Gutter (180mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement) SD-200 m 48 Construction of Auphaltic Concrete Pavements CW 3325-R5 m ² 870 Construction of Asphaltic Concrete Pavements CW 3410-R10 m 320 Tile-ins and Approaches tonne 320 320 Type IA tonne 85 5 Construction of Asphaltic Concrete Base CW 3410-R10 tonne 810 JOINT AND CRACK SEALING CW 3250-R7 m 260 ASSOCIATED DRAINAGE AND UNDERGOUND WORKS

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

	CES	(SEE BIO)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	LANDSCAPING					
B.31	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	30		
ii)	width > or = 600 mm		m²	830		
B.32	Tree Removal	E28	each	5		
	MISCELLANEOUS					
B.33	Chain Link Fence	CW 3550-R3				
i)	1.83m Height		m	70		
ii)	1.22m Height		m	50		
B.34	Reconstruct Wooden Fence (1.22m Height)	E41	m	10		
в	NESS AVENUE RECONSTRUCTION (Wharton	Blvd to Valley	View Dr	ive)	Subtotal:	

JNIT PR ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
С	NESS AVENUE REHABILITATION (Valley Vie	w Drive to Pebb	lewood	<u>Lane)</u>		
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R19	m³	50		
C.2	Supplying and Placing Base Course Material	CW 3110-R19	m³	30		
0.3	Grading of Boulevards	CW 3110-R19	M2	1500		
	ROADWORKS - RENEWALS					
C.4	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	35		
C.5	Slab Replacement	CW 3230-R8				
i)	230 mm Concrete Pavement (Plain-Dowelled)		m²	355		
C.6	Partial Slab Patches	CW 3230-R8				
i)	230 mm Concrete Pavement (Type A)		m²	40		
ii)	230 mm Concrete Pavement (Type B)		m²	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	m²	90		
C.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a	i) Less than 5 sq.m.		m²	17		
b) 5 sq.m. to 20 sq.m.		m²	45		

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ITEM		DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	c)	Greater than 20 sq.m.		m²	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)	Туре ІА		tonne	625		
ii)		Tie-ins and Approaches					
	a)	Туре ІА		tonne	45		
C.14		Planing of Pavement	CW 3450-R5				
i)	:	50 - 100 mm Depth (Asphalt)		m²	3450		
C.15		Detectable Warning Surface Tiles	CW 3326-R2	each	8		
		ROADWORKS - NEW CONSTRUCTION					
C.16		Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R16				
i)		Construction of 230 mm Concrete Pavement (Reinforced)		m²	35		
C.17		Interlocking Paving Stones	CW 3330-R5	m²	10		
	,	JOINT AND CRACK SEALING					
C.18		Reflective Crack Maintenance	CW 3250-R7	m	490		

	CES	(SEE B10)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
2.19	Catch Basin	CW 2130-R12				
i)	SD-024, 1800mm deep		each	5		
2.20	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024		each	3		
0.21	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023		each	2		
2.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC LDS					
a)	In a Trench, Class B Type 3 Bedding, Class 3 Backfill		m	35		
2.23	Drainage Connection Pipe	CW 2130-R12	m	15		
2.24	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		
2.25	Connecting to Existing Manhole	CW 2130-R12				
i)	250mm Catch Basin Lead		each	4		

UNIT PRIC	CES	(SEE D10)				
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		
ii)	300mm		m	80		
	ADJUSTMENTS					
C.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
	LANDSCAPING					
C.31	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m²	1500		
С	NESS AVENUE REHABILITATION (Valley View	w Drive to Pebb	lewood	Lane)	Subtotal:	

		(SEE B10)			<u>.</u>	
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	MULTI-USE PATHWAYS					
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R19	m³	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	m³	88		
D.4	Separation Geotextile Fabric	CW 3130-R4	m²	1760		
	ROADWORKS - RENEWALS					
D.5	Pavement Removal	CW 3110-R19				
i)	Asphalt Pavement		m²	315		
D.6	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m²	25		
	ROADWORKS - NEW CONSTRUCTION					
D.7	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Main Line Paving					
aj	Туре ІА		tonne	275		
	JOINT AND CRACK SEALING					
D.8	Reflective Crack Maintenance	CW 3250-R7	m	125		
	LANDSCAPING					
D.9	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m²	1315		
D.10	Tree Removal	E28	each	3		

UNIT	PR	CES
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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	MISCELLANEOUS					
D.11	Site Furnishings					
i)	Benches - 1.8m long		each	2		
ii)	Trash Receptacles		each	2		
D	MULTI-USE PATHWAYS				Subtotal:	

UNDERGROUND WORKS LAND DRAINAGE SEWER Land Drainage Sewers 300mm - SDR 35 PVC trenchless installation, Class B Type 3 bedding, Class 3 backfill 600mm - SDR 35 PVC trenchless installation, Class B Type 3 bedding, Class 5 backfill 1950mm - C76-CL III	CW 2130-R12	m	10		
Land Drainage Sewers 300mm - SDR 35 PVC) trenchless installation, Class B Type 3 bedding, Class 3 backfill 600mm - SDR 35 PVC) trenchless installation, Class B Type 3 bedding, Class 5 backfill	CW 2130-R12	m	10		
 300mm - SDR 35 PVC trenchless installation, Class B Type 3 bedding, Class 3 backfill 600mm - SDR 35 PVC trenchless installation, Class B Type 3 bedding, Class 5 backfill 	CW 2130-R12	m	10		
) trenchless installation, Class B Type 3 bedding, Class 3 backfill 600mm - SDR 35 PVC) trenchless installation, Class B Type 3 bedding, Class 5 backfill		m	10		
Class 3 backfill 600mm - SDR 35 PVC) trenchless installation, Class B Type 3 bedding, Class 5 backfill		m	10		
) trenchless installation, Class B Type 3 bedding, Class 5 backfill					
Class 5 backfill					
1950mm - C76-CL III		m	25		
backfill		m	25		
Fitting Installation	CW 2130-R12				
600mm - SDR 35 PVC					
45° Bend		each	1		
		each	1		
1950 - C76-Cl III 45° Bend					
) 36º Bend		each	1		
	CW 2130-R12				
		vt.m	2.5		
	CW 2130-R12				
		vt m	25		
	CW 2130-R12	vum	2.0		
	000 2100 1012				
		vtm	2		
		vt.111	3		
	GVV 2130-R12				
) 4 - 5 meters Fitting Installation	backfill 4 - 5 meters Fitting Installation 600mm - SDR 35 PVC 45° Bend 22 1/2° Bend 1950 - C76-Cl III 45° Bend 36° Bend Manhole SD-010 1200mm New Manhole on Existing Sewer SD-010 1200mm Replace Existing Risers Pre-cast Concrete Risers 1200mm Sewer Repair - Up to 3.0 Meters Long CW 2130-R12 CW 2130-R12	backfill 4 - 5 meters m Fitting Installation CW 2130-R12 600mm - SDR 35 PVC 45° Bend each 22 1/2° Bend each 1950 - C76-CI III 45° Bend 36° Bend CW 2130-R12 SD-010 1200mm CW 2130-R12 SD-010 New Manhole on Existing Sewer SD-010 1200mm CW 2130-R12 Pre-cast Concrete Risers Pre-cast Concrete Risers 1200mm CW 2130-R12 Pre-cast Concrete Risers 1200mm CW 2130-R12	backfill 4 - 5 meters Fitting Installation 600mm - SDR 35 PVC 45° Bend 22 1/2° Bend 122 1/2° Bend 1350 - C76-CI III 45° Bend 36° Bend Manhole SD-010 1200mm New Manhole on Existing Sewer SD-010 1200mm New Manhole on Existing Sewer SD-010 1200mm Pre-cast Concrete Risers Pre-cast Concrete Risers 1200mm Sewer Repair - Up to 3.0 Meters Long CW 2130-R12 Manhole CW 2130-R12 CW 2130-R12 Manhole C	backfill 4 - 5 meters Fitting Installation 600mm - SDR 35 PVC 45° Bend 22 1/2° Bend 1 22 1/2° Bend 1 1950 - C76-CI III 45° Bend 36° Bend Manhole SD-010 1200mm New Manhole on Existing Sewer SD-010 1200mm New Manhole on Existing Sewer SD-010 1200mm Pre-cast Concrete Risers Pre-cast Concrete Risers Pre-cast Concrete Risers 1200mm Sewer Repair - Up to 3.0 Meters Long CW 2130-R12 CW 2130-R12 Manhole CW 2130-R12 CW 2130-R12 Manhole CW 2130-R12 CW 2130-R12 Manhole CW 2130-R1

JNIT PRIC	DESCRIPTION	SPEC. REF.	UNIT	APPROX.	UNIT PRICE	AMOUNT
a)	Class 3 Backfill	REF.	each	QUANTITY 2		
ii)	300mm					
a)	Class 3 Backfill		each	1		
E.7	Replacing Existing Manhole and Catch Basin	CW 2130-R12				
i)	Frames and Covers AP-004 - Standard Frame for Manhole and		each	1		
ii)	Catch Basin AP-005 - Standard Solid Cover for Standard		each	1		
5.8	Frame Connecting to Existing Manhole	CW 2130-R12				
i)	600mm - SDR 35 PVC		each	1		
ii)	1950mm - C76-CL III		each	1		
Ξ.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		
5.10	External Slip Joint	E39				
i)	750mm diam CSP		each	1		
ii)	2000mm diam CSP		each	1		
Ξ.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	m²	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 i)	Abandon Existing Sewers With Cement- Stablized Flowable Fill 600mm		m³	22		
I)			m,	22		

ITEM	CES DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
E.17	Sewer Inspection	REF. CW 2145-R3		QUANTITY		
i)	300mm		m	10		
ii)	600mm and 750mm outfall		m	48		
iii)	1950mm and 2000mm outfall		m	37		
,						
E.18	WATERMAINS 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					
i)	Abandoned 150mm		m	20		
Ξ.20	Watermain Valve	CW 2110 R-11				
i)	150mm		each	2		
ii)	300mm		each	1		
E.21 i)	Connecting to Existing Watermain and Large Diameter Water Service Inline connection - no plug existing	CW 2110 R-11				
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				
:)	300mm		each	1		

UNIT PRIC	YES	(SEE B10)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	FORCEMAIN					
E.24	Forcemain					
i)	250mm - C900 PVC					
a)	In a trench, Class type 3 bedding, Class 5 backfill		m	15		
E.25 i)	Connecting to Existing Forcermain and Large Diameter Sewer Service Inline connection - no plug existing	CW 2110 R-11				
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		
	UNDERGROUND PROVISIONAL ITEMS					
E.29	Exploration of Existing Utilities	E33	hour	24		
E.30	Board Insulation	E34				
i)	Pipe Insulation		m²	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		
E	UNDERGROUND WORKS	1	<u> </u>	1	Subtotal:	

UNIT PRIC	CES					
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	SUMMARY					
Α	NESS AVENUE AT STURGEON CREEK - BRID	DGE WORKS			Subtotal:	
В	NESS AVENUE RECONSTRUCTION (Wharton Blvd to Valley View Drive)				Subtotal:	
С	NESS AVENUE REHABILITATION (Valley View Drive to Pebblewood Lane)				Subtotal:	
D	MULTI-USE PATHWAYS				Subtotal:	
E	UNDERGROUND WORKS				Subtotal:	
TOTAL BID PRICE (GST extra) (in figures)						
TOTAL BI	D PRICE (GST extra)		(in f	igures)	Subtotal:	

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 ADDENDUM 3

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:	(Name of Principal)	
(Witness as to Principal if no seal)	_ Per:	(Seal)
	(Name of Surety) By:(Attorney-in-Fact)	(Seal)

_____ of

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,

(Name of Bidder)

(Place)

the Bidder to you on _____, 20____ for

BID OPPORTUNITY NO. 478-2015 ADDENDUM 3

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_____,

By:

(Name of Surety)

(Seal)

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 ADDENDUM 3

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)