### FORM A: BID (See B8)

1.	Contract Title		NEWAL PROGRAM: SEVEN VENUE AND VARIOUS OTHE	
2.	Bidder	Name of Bidder		
		Usual Business Name of Bidder a	as it appears on Invoice (if different fro	m above)
		Street		
		City	Province	Postal Code
	(Mailing address if different)	Email Address of Bidder		
		Facsimile Number		
		Street or P.O. Box		
	(Choose one)	City	Province	Postal Code
		The Bidder is:		
		a sole proprietor		
		a partnership		
		a corporation		
		carrying on business under	r the above name.	
3.	Contact Person	The Bidder hereby authorithe Bidder for purposes of	zes the following contact persthe Bid.	on to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Definitions	All capitalized terms use ascribed to them in the Ge	d in the Contract shall have neral Conditions.	the meanings
5.	Offer		to perform the Work in acco Price, in Canadian funds, set	

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/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 sixty (60) 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)

(SEE B9)

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Α	ASPHALT RECONSTRUCTION: SEVEN O	AKS AVENUE -	MAIN S	TREET TO JO	NES STREET	
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R18	m³	1500		
A.2	Sub-Grade Compaction	CW 3110-R18	m²	2075		
A.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm - Crushed Concrete		tonne	2000		
A.4	Supplying and Placing Base Course Material	CW 3110-R18	m³	195		
A.5	Grading of Boulevards	CW 3110-R18	m²	2100		
A.6	Separation Geotextile Fabric	CW 3130-R4	m²	2075		
	ROADWORKS - REMOVALS / RENEWALS					
A.7	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m²	1950		
A.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	20		
A.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	60		
A.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m²	70		
b)	Greater than 20 sq.m.		m²	350		
A.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	10		
A.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	10		
A.13	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	10		

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd)					
A.14	Detectable Warning Surface Tiles	CW 3326-R1				
i)	610 mm X 1220 mm		each	6		
	ROADWORKS - NEW CONSTRUCTION					
A.15	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R15				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	150		
A.16	Concrete Pavements for Early Opening	CW 3310-R15				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 hour (Reinforced)		m²	100		
A.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R15				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	30		
ii)	Construction of Curb and Gutter (180mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	410		
iii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	10		
iv)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	40		
v)	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	20		
vi)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	20		
A.18	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Main Line Paving					
а	Type IA		tonne	420		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - NEW CONSTRUCTION (Cont'd)					
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	25		
	JOINT AND CRACK SEALING					
A.19	Reflective Crack Maintenance	CW 3250-R7	m	100		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2		
A.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type Sand Bedding, Class 2 Backfill		m	20		
A.22	Abandon Existing Sewer Service Under Pavement	CW 2130-R12	each	2		
A.23	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	5		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	5		
A.24	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		
A.25	Removal of Existing Catch Basins	CW 2130-R12	each	2		
A.26	Installation of Subdrains	CW 3120-R4	m	24		
	ADJUSTMENTS					
A.27	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	7		
i)	Pre-cast Concrete Risers		vert. m	1		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS (Cont'd)					
A.28	Lifter Rings	CW 3210-R7				
i)	51 mm		each	5		
A.29	Adjustment of Valve Boxes	CW 3210-R7	each	5		
A.30	Valve Box Extensions	CW 3210-R7	each	1		
A.31	Adjustment of Curb Stop Boxes	CW 3210-R7	each	6		
A.32	Curb Stop Extensions	CW 3210-R7	each	1		
	LANDSCAPING					
A.33	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	100		
ii)	width > or = 600 mm		m²	2000		
A	ASPHALT RECONSTRUCTION: SEVEN O	AKS AVENUE -	MAIN S	TREET TO		
	JONES STREET				Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
В	REHABILITATION: SEVEN OAKS AVENUE	- JONES STRE	ET TO	SCOTIA STRE	<u>ET</u>	
	EARTH AND BASE WORKS					
3.1	Excavation	CW 3110-R18	m³	55		
3.2	Supplying and Placing Base Course Material	CW 3110-R18	m³	55		
5.3	Grading of Boulevards	CW 3110-R18	m²	1400		
	ROADWORKS - REMOVALS / RENEWALS					
3.4	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m²	550		
ii)	Asphalt Pavement		m²	145		
3.5	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	85		
3.6	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	10		
ii)	150 mm Concrete Pavement (Type B)		m²	20		
3.7	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	85		
3.8	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type B)		m²	20		
5.9	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	70		
3.10	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	180		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd)					
B.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m²	135		
b)	Greater than 20 sq.m.		m²	50		
B.12	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	10		
B.13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	15		
B.14	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	15		
B.15	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Curb		m	25		
B.16	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (125 mm reveal ht, Separate)	SD-203A	m	185		
ii)	Modified Barrier (125 mm reveal ht, Dowelled)	SD-203B	m	35		
B.17	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (125 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m	0D 200/(	m	145		
b)	Greater than 30 m		m	175		
ii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	35		
B.18	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	520		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	50		
B.19	Pavement Repair Fabric	E10	m²	300		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - NEW CONSTRUCTION					
B.20	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R15				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	275		
B.21	Concrete Pavements for Early Opening	CW 3310-R15				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 hour (Reinforced)		m²	275		
	JOINT AND CRACK SEALING					
B.22	Reflective Crack Maintenance	CW 3250-R7	m	620		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.23	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023		each	8		
B.24	Drainage Connection Pipe	CW 2130-R12	m	20		
B.25	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	6		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	6		
B.26	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	8		
B.27	Catch Basin Cleaning	CW 2140-R3	each	8		
	ADJUSTMENTS					
B.28	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	12		
B.29	Lifter Rings	CW 3210-R7				
i)	51 mm		each	6		

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS (Cont'd)					
B.30	Adjustment of Valve Boxes	CW 3210-R7	each	3		
B.31	Valve Box Extensions	CW 3210-R7	each	3		
B.32	Adjustment of Curb Stop Boxes	CW 3210-R7	each	8		
B.33	Curb Stop Extensions	CW 3210-R7	each	5		
	LANDSCAPING					
B.34	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	200		
ii)	width > or = 600 mm		m²	1200		
В	REHABILITATION: SEVEN OAKS AVENUE STREET	Subtotal:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
С	REHABILITATION: JEFFERSON AVENUE	- MCGREGOR S	STREET	TO MCKENZI	E STREET	
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R18	m³	60		
C.2	Supplying and Placing Base Course Material	CW 3110-R18	m³	60		
C.3	Grading of Boulevards	CW 3110-R18	m²	990		
	ROADWORKS - REMOVALS / RENEWALS					
C.4	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	15		
ii)	150 mm Concrete Pavement (Type B)		m²	80		
iii)	150 mm Concrete Pavement (Type D)		m²	210		
C.5	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	60		
C.6	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	140		
C.7	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m²	20		
C.8	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	10		
b)	5 sq.m. to 20 sq.m.		m²	90		
c)	Greater than 20 sq.m.		m²	70		
C.9	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Separate		m	30		

(SEE B9)

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
IIEIVI	DESCRIPTION	REF.	UNIT	QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd)					
C.10	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Separate) Slip Formed	SD-203A	m	130		
ii)	Modified Barrier (100 mm reveal ht, Dowelled)	SD-203B	m	30		
C.11	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled) Slip Formed	SD-205, SD-206A				
a)	3 m to 30 m		m	130		
b)	Greater than 30 m		m	170		
ii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	15		
C.12	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	385		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	25		
C.13	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m²	1350		
ii)	50 - 100 mm Depth (Asphalt)		m²	400		
C.14	Pavement Repair Fabric	E10	m²	150		
	JOINT AND CRACK SEALING					
C.15	Reflective Crack Maintenance	CW 3250-R7	m	400		

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
C.16	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2		
C.17	Catch Pit	CW 2130-R12				
i)	SD-023		each	2		
C.18	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type Sand Bedding, Class 2 Backfill		m	15		
C.19	Drainage Connection Pipe	CW 2130-R12	m	15		
C.20	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	1		
C.21	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	2		
C.22	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	2		
C.23	Catch Basin Cleaning	CW 2140-R3	each	2		
	ADJUSTMENTS					
C.24	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1		
C.25	Lifter Rings	CW 3210-R7				
i)	51 mm		each	1		
C.26	Adjustment of Valve Boxes	CW 3210-R7	each	1		

(SEE B9)

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	ADJUSTMENTS (Cont'd)					
C.27	Valve Box Extensions	CW 3210-R7	each	1		
C.28	Adjustment of Curb Stop Boxes	CW 3210-R7	each	1		
C.29	Curb Stop Extensions	CW 3210-R7	each	1		
	LANDSCAPING					
C.30	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	90		
ii)	width > or = 600 mm		m²	900		
С	REHABILITATION: JEFFERSON AVENUE - MCKENZIE STREET	- MCGREGOR S	STREET	<u> 70</u>	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	REHABILITATION: ARMSTRONG AVENUE	- MAIN STREE	T TO AI	KINS STREET	-	
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R18	m³	25		
D.2	Supplying and Placing Base Course Material	CW 3110-R18	m³	25		
D.3	Grading of Boulevards	CW 3110-R18	m²	1000		
	ROADWORKS - REMOVALS / RENEWALS					
D.4	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	130		
D.5	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	5		
ii)	150 mm Concrete Pavement (Type B)		m²	10		
iii)	150 mm Concrete Pavement (Type D)		m²	15		
D.6	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	45		
D.7	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	75		
D.8	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	15		
b)	5 sq.m. to 20 sq.m.		m²	15		
c)	Greater than 20 sq.m.		m²	150		

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd)					
.9	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Separate)	SD-203A	m	25		
il)	Modified Barrier (100 mm reveal ht, Dowelled)	SD-203B	m	10		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	10		
.10	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	125		
b)	Greater than 30 m		m	110		
	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	40		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	10		
.11	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	380		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	25		
.12	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m²	1000		
ii)	50 - 100 mm Depth (Asphalt)		m²	230		
.13	Pavement Repair Fabric	E10	m²	300		
.14	Detectable Warning Surface Tiles	CW 3326-R1				
i)	610 mm X 1220 mm		each	2		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	JOINT AND CRACK SEALING					
D.15	Reflective Crack Maintenance	CW 3250-R7	m	350		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.16	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		
D.17	Catch Basin Cleaning	CW 2140-R3	each	2		
	ADJUSTMENTS					
D.18	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	3		
D.19	Lifter Rings	CW 3210-R7				
i)	51 mm		each	1		
D.20	Adjustment of Valve Boxes	CW 3210-R7	each	2		
D.21	Valve Box Extensions	CW 3210-R7	each	2		
D.22	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
D.23	Curb Stop Extensions	CW 3210-R7	each	4		
	LANDSCAPING					
D.24	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	200		
ii)	width > or = 600 mm		m²	800		
D	REHABILITATION: ARMSTRONG AVENUE STREET	- MAIN STREE	T TO AI	KINS	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	ASPHALT RECONSTRUCTION: ARMSTRO	NG AVENUE -	AIKINS	STREET TO S	ALTER STREE	Ī
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R18	m³	2610		
E.2	Sub-Grade Compaction	CW 3110-R18	m²	3980		
E.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm - Crushed Concrete		tonne	4150		
E.4	Supplying and Placing Base Course Material	CW 3110-R18	m³	380		
E.5	Grading of Boulevards	CW 3110-R18	m²	3000		
E.6	Separation Geotextile Fabric	CW 3130-R4	m²	3980		
	ROADWORKS - REMOVALS / RENEWALS					
E.7	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m²	4050		
E.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	25		
E.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	175		
E.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a	Less than 5 sq.m.		m²	45		
b	5 sq.m. to 20 sq.m.		m²	155		
c)	Greater than 20 sq.m.		m²	35		
E.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	15		
E.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	15		
E.13	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	15		

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd)					
E.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	5		
	ROADWORKS - NEW CONSTRUCTION					
E.15	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R15				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	300		
E.16	Concrete Pavements for Early Opening	CW 3310-R15				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 hour (Reinforced)		m²	235		
E.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R15				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	55		
ii)	Construction of Curb and Gutter (180mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	615		
iii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	85		
iv)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	185		
v)	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	25		
vi)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	15		
E.18	Interlocking Paving Stones	CW 3335-R1	m²	5		
E.19	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Main Line Paving					
а	Type IA		tonne	810		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - NEW CONSTRUCTION (Cont'd)					
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	55		
	JOINT AND CRACK SEALING					
.20	Reflective Crack Maintenance	CW 3250-R7	m	100		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
.21	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	6		
ii)	SD-025, 1200 mm deep		each	1		
.22	Catch Pit	CW 2130-R12				
i)	SD-023		each	3		
.23	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type Sand Bedding, Class 2 Backfill		m	55		
E.24	Abandon Existing Sewer Service Under Pavement	CW 2130-R12	each	4		
.25	Drainage Connection Pipe	CW 2130-R12	m	25		
E.26	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	4		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	4		
.27	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd)					
E.28	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 300 mm (Conc) Sewer		each	6		
E.29	Removal of Existing Catch Basins	CW 2130-R12	each	4		
E.30	Removal of Existing Catch Pit	CW 2130-R12	each	4		
E.31	Catch Basin Cleaning	CW 2140-R3	each	4		
E.32	Installation of Subdrains	CW 3120-R4	m	96		
	ADJUSTMENTS					
E.33	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	7		
E.34	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
E.35	Lifter Rings	CW 3210-R7				
i)	51 mm		each	2		
E.36	Adjustment of Valve Boxes	CW 3210-R7	each	4		
E.37	Valve Box Extensions	CW 3210-R7	each	3		
E.38	Adjustment of Curb Stop Boxes	CW 3210-R7	each	6		
E.39	Curb Stop Extensions	CW 3210-R7	each	6		
	LANDSCAPING					
E.40	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	500		
ii)	width > or = 600 mm		m²	2500		
E	ASPHALT RECONSTRUCTION: ARMSTRO SALTER STREET	ONG AVENUE -	AIKINS :	STREET TO	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	REHABILITATION: AMBASSADOR ROW-	SINCLAIR STR	EET TO	LEILA AVENU	<u>JE</u>	
	EARTH AND BASE WORKS					
=.1	Excavation	CW 3110-R18	m³	200		
F.2	Supplying and Placing Base Course Material	CW 3110-R18	m³	200		
3	Grading of Boulevards	CW 3110-R18	m²	3200		
	ROADWORKS - REMOVALS / RENEWALS					
4	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m²	350		
ii)	Asphalt Pavement		m²	480		
<sup>7</sup> .5	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	350		
<sup>7</sup> .6	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	20		
ii)	150 mm Concrete Pavement (Type B)		m²	170		
iii)	150 mm Concrete Pavement (Type D)		m²	320		
7.7	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	240		
7.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	465		
F.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	580		
F.10	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m²	15		

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd)					
F.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
á	a) 5 sq.m. to 20 sq.m.		m²	325		
ł	Greater than 20 sq.m.		m²	1100		
F.12	Concrete Curb Removal	CW 3240-R10, E11				
i)	Barrier Separate		m	100		
ii)	Mountable Curb	E11	m	1125		
F.13	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Slip form, Dowelled)	SD-205	m	1200		
ii)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	85		
iii)	Barrier (100 mm reveal ht, Slip Form, Separate)	SD-203A	m	150		
iv)	Modified Barrier (100 mm reveal ht, Dowelled)	SD-203B	m	100		
v)	Modified Lip Curb (40 mm reveal ht, Dowelled)	SD-202C	m	80		
F.14	Concrete Curb Renewal	CW 3240-R10				
i)	Curb and Gutter (10 mm reveal ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	15		
ii)	Curb and Gutter (180 mm reveal ht, Modified Barrier, Integral, - 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B				
ł	o) 3 m to 30 m		m	40		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	50		
F.15	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	190		

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd)					
F.16	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	1750		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	280		
F.17	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m²	320		
F.18	Pavement Repair Fabric	E10	m²	300		
	ROADWORK - NEW CONSTRUCTION					
F.19	Interlocking Paving Stones	CW 3335-R1	m²	100		
	JOINT AND CRACK SEALING					
F.20	Reflective Crack Maintenance	CW 3250-R7	m	1500		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
F.21	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	12		
F.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type Sand Bedding, Class 2 Backfill		m	80		
F.23	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	9		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	9		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd)					
F.24	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	5		
F.25	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 375 mm (Conc) Sewer		each	1		
b)	Connecting to 450 mm (Conc) Sewer		each	4		
F.26	Catch Basin Cleaning	CW 2140-R3	each	5		
	ADJUSTMENTS					
F.27	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	9		
F.28	Lifter Rings	CW 3210-R7				
i)	51 mm		each	9		
F.29	Adjustment of Valve Boxes	CW 3210-R7	each	2		
F.30	Valve Box Extensions	CW 3210-R7	each	2		
F.31	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
F.32	Curb Stop Extensions	CW 3210-R7	each	1		
	LANDSCAPING					
F.33	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	100		
ii)	width > or = 600 mm		m²	4100		
F	REHABILITATION: AMBASSADOR ROW AVENUE	 - SINCLAIR STR	EET TO	<u>LEILA</u>	Subtotal:	

(SEE B9)

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
G	SEWER REPAIRS: SEVEN OAKS AVENUE					
G.1	SEVEN OAKS AVENUE (MA00008883) Sewer Inspection	CW 2145-R3				
i)	300 mm					
a)	Post Repair		m	94.0		
G.2	Sewer Repair - Up to 3 Metres Long	CW 2130-R12				
i)	300 mm					
a)	Class 3 Backfill		each	1.0		
G	SEWER REPAIRS: SEVEN OAKS AVENUE			Sub-Total:		

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	PART 2: MANITOBA HYDRO FU	INDED W	ORK			
н	STREET LIGHT INSTALLATION					
	SEVEN OAKS AVE - MAIN ST TO SCOTIA S	<u>ST</u>				
	NEW STREET LIGHT INSTALLATION					
H.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E12.	each	11.0		
H.2	Installation of #4 AL C/N or 1/0 AL Triplex streetlight cable by open trench method.	E12.	lin.m	525.0		
H.3	Installation of cable (#4 AL C/N or 1/0 AL Triplex) by boring method.	E12.	lin.m	170.0		
H.4	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E12.	each	11.0		
H.5	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E12.	each	2.0		
H.6	Install / lower 3 m of Cable Guard, ground lug, cable up pole, and first 3 m section of ground rod per Standard CD 315-5.	E12.	each	2.0		
H.7	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E12.	each	11.0		
H.8	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E12.	per span	11.0		
H.9	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E12.	per span	11.0		
H.10	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E12.	each	1.0		

(SEE B9)

UNIT PRI				45550V	=	
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ARMSTRONG AVE - MAIN ST TO SALTER		1	<u> </u>		
	NEW STREET LIGHT INSTALLATION	<del></del>	1			
	NEW STREET EIGHT INSTALLATION					
H.11	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E12.	each	13.0		
H.12	Installation of #4 AL C/N or 1/0 AL Triplex streetlight cable by open trench method.	E12.	lin.m	515.0		
H.13	Installation of cable (#4 AL C/N or 1/0 AL Triplex) by boring method.	E12.	lin.m	35.0		
H.14	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E12.	each	13.0		
H.15	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E12.	each	4.0		
H.16	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E12.	each	13.0		
H.17	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E12.	per span	13.0		
H.18	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E12.	per span	13.0		
H.19	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E12.	each	2.0		
н	STREET LIGHT INSTALLATION				Sub-Total:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
		KEF.		QUANTITY		
	SUMMARY					
Α	A ASPHALT RECONSTRUCTION: SEVEN OAKS AVENUE - MAIN STREET TO JONES STREET					
В	REHABILITATION: SEVEN OAKS AVENUE STREET	- JONES STRE	ET TO	SCOTIA	Subtotal:	
C	REHABILITATION: JEFFERSON AVENUE - MCKENZIE STREET	Subtotal:				
D	REHABILITATION: ARMSTRONG AVENUE - MAIN STREET TO AIKINS STREET					
E	ASPHALT RECONSTRUCTION: ARMSTRO SALTER STREET	STREET TO	Subtotal:			
F	REHABILITATION: AMBASSADOR ROW - SINCLAIR STREET TO LEILA AVENUE					
G	SEWER REPAIRS: SEVEN OAKS AVENUE				Subtotal:	
Н	STREET LIGHT INSTALLATION				Subtotal:	
TOTAL BI	D PRICE (GST extra)			(in figures)		

(Witness as to Principal if no seal)

(Seal)

(Seal)

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#### 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 <b>THE CITY OF WINNIPEG</b> (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. 191-2014
2014 LOCAL STREET RENEWAL PROGRAM: SEVEN OAKS AVENUE, JEFFERSON AVENUE AND VARIOUS OTHER LOCATIONS
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)

(Name of Surety)

(Attorney-in-Fact)

By:

Per: \_\_\_\_\_

#### 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, (Name of Bidder) (Place) the Bidder to you on \_\_\_\_\_\_, 20\_\_\_\_ for BID OPPORTUNITY NO. 191-2014 2014 LOCAL STREET RENEWAL PROGRAM: SEVEN OAKS AVENUE, JEFFERSON AVENUE AND VARIOUS OTHER LOCATIONS 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) (Seal) (Attorney-in-Fact)

# FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 1 of 2) (See B11)

(Date)	
Corpo Mater 185 K	City of Winnipeg prate Finance Department rials Management Division (ing Street, Main Floor peg MB R3B 1J1
RE:	BID SECURITY – BID OPPORTUNITY NO. 191-2014
	2014 LOCAL STREET RENEWAL PROGRAM: SEVEN OAKS AVENUE, JEFFERSON AVENUE AND VARIOUS OTHER LOCATIONS
Pursu	ant to the request of and for the account of our customer,
(Name	of Bidder)
	IEREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding aggregate
	Canadian dollars.
dema Letter paym	Standby Letter of Credit may be drawn on by you at any time and from time to time upon written nd for payment made upon us by you. It is understood that we are obligated under this Standby of Credit for the payment of monies only and we hereby agree that we shall honour your demand for ent without inquiring whether you have a right as between yourself and our customer to make such and without recognizing any claim of our customer or objection by the customer to payment by us.
	mount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upon you or by formal notice in writing given to us by you if you desire such reduction or are willing that it be
Partia	l drawings are permitted.
	ngage with you that all demands for payment made within the terms and currency of this Standby of Credit will be duly honoured if presented to us at:
(Addre	ss)
and w	ve 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 24, 2014

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)			