FORM A: BID (See B7)

1.	Contract Little	DEXTER STREET AND VARIOUS OTHER LOCATIONS
2.	Bidder	Name of Bidder
		Usual Business Name of Bidder as it appears on Invoice (if different from above)
		Street
		City Province Postal Coc
	(Mailing address if different)	Email Address of Bidder
		Facsimile Number
		Street or P.O. Box
	(Choose one)	City Province Postal Coo
		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 represer 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 meaning ascribed to them in the General Conditions.
5.	Offer	The Bidder hereby offers to perform the Work in accordance with th Contract for the Total Bid Price, in Canadian funds, set out on Form E Prices, appended hereto.

6.	Bid Security	In accordance with B10.1, 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
		, 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)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 1	1: CITY FUNDED WORK					
Α	REHABILITATION: DEXTER STREET - BURI	ROWS AVENUE /	TIMMINS	S PLACE		
	EARTH AND BASE WORKS					
A.1	Supplying and Placing Base Course Material	CW 3110-R15	m³	210.0		
A.2	Grading of Boulevards	CW 3110-R15	m²	1,600.0		
	ROADWORKS - REMOVALS / RENEWALS					
A.3	Pavement Removal	CW 3110-R15				
	i) Concrete Pavement		m²	600.0		
A.4	Slab Replacement	CW 3230-R7				
	i) 150 mm Concrete Pavement (Reinforced)		m²	280.0		
A.5	Partial Slab Patches	CW 3230-R7				
	i) 150 mm Concrete Pavement (Type A)		m²	5.0		
i	i) 150 mm Concrete Pavement (Type B)		m²	30.0		
A.6	Slab Replacement - Early Opening (72 hour)	CW 3230-R7				
	i) 150 mm Concrete Pavement (Reinforced)		m²	280.0		
A.7	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R7				
	i) 150 mm Concrete Pavement (Type A)		m²	5.0		
i	i) 150 mm Concrete Pavement (Type B)		m²	30.0		
A.8	Partial Depth Planing of Existing Joints	E11.	m²	60.0		
A.9	Asphalt Patching of Partial Depth Joints	E11.	m²	60.0		
A.10	Drilled Dowels	CW 3230-R7				
	i) 19.1 mm Diameter		each	120.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd.)					
A.11	Drilled Tie Bars	CW 3230-R7				
i)	20 M Deformed Tie Bar		each	280.0		
A.12	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m²	75.0		
A.13	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	20.0		
b)	5 sq.m. to 20 sq.m.		m²	230.0		
c)	Greater than 20 sq.m.		m²	360.0		
A.14	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	15.0		
A.15	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	5.0		
A.16	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	30.0		
A.17	Concrete Curb Installation	CW 3240-R9				
i)	Barrier (150 mm reveal ht, Separate)	SD-203A	m	120.0		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	65.0		
A.18	Concrete Curb Renewal	CW 3240-R9				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	5.0		
b)	3 m to 30 m		m	50.0		
ii)	Curb Ramp (10-15 mm reveal ht, Integral)	SD-229C,D	m	80.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd.)					
A.19	Construction of Asphaltic Concrete Overlay	CW 3410-R9				
i)	Main Line Paving					
a)	Type IA		tonne	750.0		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	150.0		
A.20	Pavement Repair Fabric	E10.	m²	130.0		
	ROADWORK - NEW CONSTRUCTION					
A.21	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R14				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m²	600.0		
	JOINT AND CRACK SEALING					
A.22	Reflective Crack Maintenance	CW 3250-R7	m	700.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.23	Catch Pit	CW 2130-R12				
i)	SD-023		each	2.0		
A.24	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023		each	1.0		
A.25	Drainage Connection Pipe	CW 2130-R12	m	10.0		
A.26	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	3.0		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	3.0		
iii)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	6.0		
iv)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	6.0		

JNIT PRIC ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd.)					
A.27	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	2.0		
A.28	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	1.0		
A.29	Removal of Existing Catch Pit	CW 2130-R12	each	2.0		
A.30	Catch Basin Cleaning	CW 2140-R3	each	6.0		
	ADJUSTMENTS					
A.31	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	6.0		
A.32	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.5		
A.33	Lifter Rings	CW 3210-R7				
i)	38 mm		each	2.0		
ii)	51 mm		each	3.0		
A.34	Adjustment of Valve Boxes	CW 3210-R7	each	5.0		
A.35	Valve Box Extensions	CW 3210-R7	each	1.0		
A.36	Adjustment of Curb Stop Boxes	CW 3210-R7	each	5.0		
A.37	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	6.0		
A.38	Curb Stop Extensions	CW 3210-R7	each	1.0		
	LANDSCAPING					
A.39	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	430.0		
ii)	width > or = 600 mm		m²	1,120.0		
A	REHABILITATION: DEXTER STREET - BURR	OWS AVENUE	TIMMINS	S PLACE		
					Sub-Total:	

TEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
В	REHABILITATION: BURROWS AVENUE - HA	ADDON ROAD / II	NKSTER	BOULEVARD		
	EARTH AND BASE WORKS					
B.1	Supplying and Placing Base Course Material	CW 3110-R15	m³	50.0		
B.2	Grading of Boulevards	CW 3110-R15	m²	300.0		
	ROADWORKS - REMOVALS / RENEWALS					
B.3	Slab Replacement	CW 3230-R7				
i)	200 mm Concrete Pavement (Reinforced)		m²	190.0		
B.4	Partial Slab Patches	CW 3230-R7				
i)	200 mm Concrete Pavement (Type A)		m²	5.0		
ii)	200 mm Concrete Pavement (Type B)		m²	25.0		
B.5	Slab Replacement - Early Opening (72 hour)	CW 3230-R7				
i)	200 mm Concrete Pavement (Reinforced)		m²	190.0		
B.6	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R7				
i)	200 mm Concrete Pavement (Type B)		m²	25.0		
B.7	Partial Depth Planing of Existing Joints	E11.	m²	120.0		
B.8	Asphalt Patching of Partial Depth Joints	E11.	m²	120.0		
B.9	Drilled Dowels	CW 3230-R7				
i)	19.1 mm Diameter		each	130.0		
B.10	Drilled Tie Bars	CW 3230-R7				
i)	20 M Deformed Tie Bar		each	170.0		
B.11	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	Monolithic Median Slab	SD-226A	m²	35.0		
ii)	Bullnose	SD-227C	m²	1.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd.)					
B.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	65.0		
b)	5 sq.m. to 20 sq.m.		m²	90.0		
c)	Greater than 20 sq.m.		m²	30.0		
B.13	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	10.0		
B.14	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	10.0		
B.15	Concrete Curb Removal	CW 3240-R9				
i)	Barrier, Separate		m	150.0		
B.16	Concrete Curb Installation	CW 3240-R9				
i)	Barrier (150 mm reveal ht, Separate)	SD-203A	m	30.0		
ii)	Splash Strip (150 mm reveal ht, Monolithic Barrier Curb, 750 mm width)	SD-223A	m	130.0		
B.17	Concrete Curb Renewal	CW 3240-R9				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m	00 200/1	m	85.0		
b)	Greater than 30 m		m	50.0		
ii)	Curb Ramp (10-15 mm reveal ht, Integral)	SD-229C,D	m	30.0		
B.18	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	10.0		
B.19	Construction of Asphaltic Concrete Overlay	CW 3410-R9				
i)	Main Line Paving					
a)	Type IA		tonne	1,100.0		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	70.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd.)					
B.20	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R9	tonne	400.0		
B.21	Pavement Repair Fabric	E10.	m²	88.0		
	JOINT AND CRACK SEALING					
B.22	Reflective Crack Maintenance	CW 3250-R7	m	1,000.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.23	Sewer Service	CW 2130-R12				
i)	250 mm, PVC LDS					
a)	In a Trench, Class B Sand Bedding, Class 3 Backfill		m	45.0		
B.24	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	3.0		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	3.0		
iii)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	6.0		
iv)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	6.0		
B.25	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	5.0		
B.26	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	1.0		
	ADJUSTMENTS					
B.27	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	5.0		
B.28	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	ADJUSTMENTS (Cont'd.)					
B.29	Lifter Rings	CW 3210-R7				
i)	38 mm		each	2.0		
ii)	51 mm		each	4.0		
iii)	76 mm		each	3.0		
B.30	Adjustment of Valve Boxes	CW 3210-R7	each	3.0		
B.31	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2.0		
B.32	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	6.0		
	LANDSCAPING					
B.33	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	125.0		
ii)	width > or = 600 mm		m²	175.0		
В	REHABILITATION: BURROWS AVENUE - HA	ADDON BOAD //	NKSTER	POULEVARD		
В	ALIMABILITATION. BURKOWS AVENUE - HA	ADDON KOAD/II	WNS I ER	BOOLEVARD	Sub-Total:	

NIT PRIC	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
С	REHABILITATION: PARR STREET - LANSDO	OWNE AVENUE	McADA	M AVENUE		
	EARTH AND BASE WORKS					
C.1	Supplying and Placing Base Course Material	CW 3110-R15	m³	20.0		
C.2	Grading of Boulevards	CW 3110-R15	m²	200.0		
	ROADWORKS - REMOVALS / RENEWALS					
C.3	Slab Replacement	CW 3230-R7				
i)	150 mm Concrete Pavement (Reinforced)		m²	80.0		
C.4	Partial Slab Patches	CW 3230-R7				
i)	150 mm Concrete Pavement (Type A)		m²	5.0		
ii)	150 mm Concrete Pavement (Type B)		m²	15.0		
C.5	Slab Replacement - Early Opening (72 hour)	CW 3230-R7				
i)	150 mm Concrete Pavement (Reinforced)		m²	80.0		
C.6	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R7				
i)	150 mm Concrete Pavement (Type B)		m²	15.0		
C.7	Drilled Dowels	CW 3230-R7				
i)	19.1 mm Diameter		each	70.0		
C.8	Drilled Tie Bars	CW 3230-R7				
i)	20 M Deformed Tie Bar		each	75.0		
C.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	20.0		
b)	5 sq.m. to 20 sq.m.		m²	65.0		
c)	Greater than 20 sq.m.		m²	60.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd.)					
C.10	Concrete Curb Installation	CW 3240-R9				
i)	Barrier (150 mm reveal ht, Separate)	SD-203A	m	40.0		
C.11	Concrete Curb Renewal	CW 3240-R9				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	125.0		
b)	Greater than 30 m		m			
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	35.0		
iii)	Curb Ramp (10-15 mm reveal ht, Integral)	SD-229C,D	m	55.0		
C.12	Construction of Asphaltic Concrete Overlay	CW 3410-R9				
i)	Main Line Paving					
a)	Type IA		tonne	380.0		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	100.0		
C.13	Pavement Repair Fabric	E10.	m²	49.0		
	JOINT AND CRACK SEALING					
C.14	Reflective Crack Maintenance	CW 3250-R7	m	210.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
C.15	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	3.0		
C.16	Catch Pit	CW 2130-R12				
i)	SD-023		each	3.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd.)					
C.17	Sewer Service	CW 2130-R12				
i)	250 mm, PVC LDS					
a)	In a Trench, Class B Sand Bedding, Class 3 Backfill		m	20.0		
C.18	Drainage Connection Pipe	CW 2130-R12	m	12.0		
C.19	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	5.0		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	4.0		
iii)	AP-006 - Standard Grated Cover for Standard Frame		each	1.0		
C.20	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	5.0		
C.21	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 250 mm (Concrete) Sewer		each	1.0		
C.22	Catch Basin Cleaning	CW 2140-R3	each	6.0		
	ADJUSTMENTS					
C.23	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	8.0		
C.24	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
C.25	Lifter Rings	CW 3210-R7				
i)	51 mm		each	3.0		
C.26	Adjustment of Valve Boxes	CW 3210-R7	each	6.0		
C.27	Adjustment of Curb Stop Boxes	CW 3210-R7	each	1.0		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
11 - 11	DESCRIPTION	REF.	OIVII	QUANTITY	ONITTRICE	AWOON
	LANDSCAPING					
C.28	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	50.0		
ii)	width > or = 600 mm		m²	150.0		
С	REHABILITATION: PARR STREET - LANSDO	OWNE AVENUE /	McADA	M AVENUE	Sub-Total:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	REHABILITATION: BURROWS AVENUE EAS	STBOUND - McG	REGOR :	STREET / POW	ERS STREET	
	EARTH AND BASE WORKS					
D.1	Supplying and Placing Base Course Material	CW 3110-R15	m³	55.0		
D.2	Grading of Boulevards	CW 3110-R15	m²	3,200.0		
	ROADWORKS - REMOVALS / RENEWALS					
D.3	Slab Replacement	CW 3230-R7				
	i) 200 mm Concrete Pavement (Reinforced)		m²	200.0		
D.4	Partial Slab Patches	CW 3230-R7				
	i) 200 mm Concrete Pavement (Type A)		m²	3.0		
i	ii) 200 mm Concrete Pavement (Type B)		m²	20.0		
ii	i) 200 mm Concrete Pavement (Type C)		m²	10.0		
iv	200 mm Concrete Pavement (Type D)		m²	15.0		
D.5	Slab Replacement - Early Opening (72 hour)	CW 3230-R7				
	i) 200 mm Concrete Pavement (Reinforced)		m²	180.0		
D.6	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R7				
	i) 200 mm Concrete Pavement (Type B)		m²	20.0		
i	ii) 200 mm Concrete Pavement (Type D)		m²	10.0		
D.7	Drilled Dowels	CW 3230-R7				
	i) 19.1 mm Diameter		each	60.0		
D.8	Drilled Tie Bars	CW 3230-R7				
	i) 20 M Deformed Tie Bar		each	215.0		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd.)					
D.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	25.0		
b)	5 sq.m. to 20 sq.m.		m²	120.0		
c)	Greater than 20 sq.m.		m²	350.0		
D.10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	10.0		
D.11	Concrete Curb Removal	CW 3240-R9				
i)	Barrier (Separate)		m	390.0		
D.12	Concrete Curb Installation	CW 3240-R9				
i)	Splash Strip (150 mm reveal ht, Monolithic Barrier Curb, 750 mm width), Slip Form Paving	SD-223A	m	390.0		
D.13	Concrete Curb Renewal	CW 3240-R9				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	80.0		
b)	Greater than 30 m		m	200.0		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	70.0		
iii)	Curb Ramp (10-15 mm reveal ht, Integral)	SD-229C,D	m	40.0		
D.14	Construction of Asphaltic Concrete Overlay	CW 3410-R9				
i)	Main Line Paving					
a)	Type IA		tonne	650.0		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	35.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd.)					
D.15	Pavement Repair Fabric	E10.	m²	70.0		
	JOINT AND CRACK SEALING					
D.16	Reflective Crack Maintenance	CW 3250-R7	m	500.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.17	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2.0		
D.18	Catch Pit	CW 2130-R12				
i)	SD-023		each	1.0		
D.19	Sewer Service	CW 2130-R12				
i)	250 mm, PVC LDS					
a)	In a Trench, Class B Sand Bedding, Class 3 Backfill		m	25.0		
D.20	Drainage Connection Pipe	CW 2130-R12	m	5.0		
D.21	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	3.0		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	2.0		
iii)	AP-006 - Standard Grated Cover for Standard Frame		each	1.0		
iv)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	3.0		
V)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	3.0		
D.22	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1.0		
D.23	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd.)					
D.24	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	2.0		
D.25	Removal of Existing Catch Basins	CW 2130-R12	each	3.0		
D.26	Catch Basin Cleaning	CW 2140-R3	each	4.0		
	ADJUSTMENTS					
D.27	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	4.0		
D.28	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
D.29	Lifter Rings	CW 3210-R7				
i)	38 mm		each	1.0		
ii)	51 mm		each	1.0		
D.30	Adjustment of Valve Boxes	CW 3210-R7	each	10.0		
D.31	Valve Box Extensions	CW 3210-R7	each	1.0		
D.32	Adjustment of Curb Stop Boxes	CW 3210-R7	each	6.0		
D.33	Curb Stop Extensions	CW 3210-R7	each	1.0		
	LANDSCAPING					
D.34	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	540.0		
ii)	width > or = 600 mm		m²	2,574.0		
D	REHABILITATION: BURROWS AVENUE EAS	TBOUND - McG	REGOR S	STREET /		
	POWERS STREET				Sub-Total:	

IIT PRIO	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	ASPHALT RECONSTRUCTION: VICTOR STI	REET - ST. MATT	HEWS A	VENUE / ELLIC	E AVENUE	
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R15	m³	1,600.0		
E.2	Sub-Grade Compaction	CW 3110-R15	m²	2,610.0		
E.3	Crushed Sub-base Material	CW 3110-R15				
ij	50 mm		tonne	1,950.0		
E.4	Supplying and Placing Base Course Material	CW 3110-R15	m³	220.0		
E.5	Grading of Boulevards	CW 3110-R15	m²	2,800.0		
E.6	Separation Geotextile Fabric	CW 3130-R4	m²	2,610.0		
	ROADWORKS - REMOVALS / RENEWALS					
E.7	Pavement Removal	CW 3110-R15				
ij	Concrete Pavement		m²	2,670.0		
E.8	Slab Replacement	CW3230-R7				
ij	150 mm Concrete Pavement (Reinforced)		m²	80.0		
E.9	Drilled Dowels	CW 3230-R7				
ij	19.1 mm Diameter		each	10.0		
E.10	Drilled Tie Bars	CW 3230-R7				
ij	20 M Deformed Tie Bar		each	25.0		
E.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
ij	100 mm Sidewalk	SD-228A				
a	Less than 5 sq.m.		m²	5.0		
b	5 sq.m. to 20 sq.m.		m²	35.0		
C	Greater than 20 sq.m.		m²	1,000.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd.)					
E.12	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	20.0		
E.13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	30.0		
E.14	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	30.0		
E.15	Concrete Curb Renewal	CW 3240-R9				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	5.0		
ii)	Curb Ramp (10-15 mm reveal ht, Integral)	SD-229C,D	m	20.0		
E.16	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	5.0		
E.17	Detectable Warning Surface Tiles	E12.				
i)	610 mm x 1220 mm		each	8.0		
	ROADWORK - NEW CONSTRUCTION					
E.18	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R14				
i)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	660.0		
ii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200, SD-203B	m	20.0		
iii)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	20.0		
iv)	Construction of Curb and Gutter (10-15 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229D	m	15.0		
E.19	Interlocking Paving Stones	CW 3330-R5	m²	5.0		
E.20	Construction of Asphaltic Concrete Pavements	CW 3410-R9				
i)	Main Line Paving					
a)	Type IA		tonne	550.0		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	20.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
E.21	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	6.0		
E.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC LDS					
	In a Trench, Class B Sand Bedding, Class 3 Backfill		m	25.0		
	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
	AP-004 - Standard Frame for Manhole and Catch Basin		each	2.0		
	AP-005 - Standard Solid Cover for Standard Frame		each	2.0		
	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	1.0		
iv)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	1.0		
E.24	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1.0		
E.25	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 375 mm (Concrete) Sewer		each	1.0		
	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	4.0		
E.27	Removal of Existing Catch Basins	CW 2130-R12	each	6.0		
E.28	Catch Basin Cleaning	CW 2140-R3	each	1.0		
E.29	Installation of Subdrains	CW 3120-R4	m	72.0		
	ADJUSTMENTS					
E.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	4.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS (Cont'd.)					
E.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
E.32	Lifter Rings	CW 3210-R7				
i)	51 mm		each	2.0		
E.33	Adjustment of Valve Boxes	CW 3210-R7	each	6.0		
E.34	Adjustment of Curb Stop Boxes	CW 3210-R7	each	5.0		
	LANDSCAPING					
E.35	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	400.0		
ii)	width > or = 600 mm		m²	2,400.0		
E	ASPHALT RECONSTRUCTION: VICTOR STR	EET - ST. MATT	HEWS A	VENUE /		
	ELLICE AVENUE				Sub-Total:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	REHABILITATION: JEFFERSON AVENUE - 0	CP TRACKS / RIT	CHIE ST	REET		
	EARTH AND BASE WORKS					
F.1	Supplying and Placing Base Course Material	CW 3110-R15	m³	15.0		
F.2	Grading of Boulevards	CW 3110-R15	m²	500.0		
	ROADWORKS - REMOVALS / RENEWALS					
F.3	Slab Replacement	CW 3230-R7				
i)	200 mm Concrete Pavement (Reinforced)		m²	70.0		
F.4	Partial Depth Planing of Existing Joints	E11.	m²	240.0		
F.5	Asphalt Patching of Partial Depth Joints	E11.	m²	240.0		
F.6	Drilled Dowels	CW 3230-R7				
i)	19.1 mm Diameter		each	30.0		
F.7	Drilled Tie Bars	CW 3230-R7				
i)	20 M Deformed Tie Bar		each	40.0		
F.8	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	20.0		
b)	5 sq.m. to 20 sq.m.		m²	65.0		
c)	Greater than 20 sq.m.		m²	310.0		
F.9	Concrete Curb Installation	CW 3240-R9				
i)	Barrier (150 mm reveal ht, Separate)	SD-203A	m	20.0		
F.10	Concrete Curb Renewal	CW 3240-R9				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	40.0		
	Greater than 30 m		m	50.0		
ii)	Curb Ramp (10-15 mm reveal ht, Integral)	SD-229C,D	m	40.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd.)					
F.11	Construction of Asphaltic Concrete Overlay	CW 3410-R9				
i)	Main Line Paving					
a)	Type IA		tonne	600.0		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	105.0		
F.12	Pavement Repair Fabric	E10.	m²	25.0		
	JOINT AND CRACK SEALING					
F.13	Reflective Crack Maintenance	CW 3250-R7	m	400.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
F.14	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	2.0		
ii)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	2.0		
F.15	Catch Basin Cleaning	CW 2140-R3	each	2.0		
	ADJUSTMENTS					
F.16	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	3.0		
F.17	Lifter Rings	CW 3210-R7				
i)	38 mm		each	1.0		
ii)	51 mm		each	3.0		
F.18	Adjustment of Valve Boxes	CW 3210-R7	each	2.0		
F.19	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	2.0		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	LANDSCAPING					
F.20	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	210.0		
ii)	width > or = 600 mm		m²	120.0		
F	REHABILITATION: JEFFERSON AVENUE - C	P TRACKS / RIT	CHIE ST	REET	Sub-Total:	

TEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G	REHABILITATION: RITCHIE STREET - JEFF	ERSON AVENUE	/ CHOC	HINOV AVENUE	Ē	
	EARTH AND BASE WORKS					
G.1	Supplying and Placing Base Course Material	CW 3110-R15	m³	15.00		
G.2	Grading of Boulevards	CW 3110-R15	m²	650.0		
	ROADWORKS - REMOVALS / RENEWALS					
G.3	Partial Slab Patches	CW 3230-R7				
i) 150 mm Concrete Pavement (Type A)		m²	10.0		
ii) 150 mm Concrete Pavement (Type D)		m²	20.0		
G.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R7				
i) 150 mm Concrete Pavement (Type D)		m²	30.0		
G.5	Partial Depth Planing of Existing Joints	E11.	m²	325.0		
G.6	Asphalt Patching of Partial Depth Joints	E11.	m²	325.0		
G.7	Drilled Dowels	CW 3230-R7				
i) 19.1 mm Diameter		each	40.0		
G.8	Drilled Tie Bars	CW 3230-R7				
i) 20 M Deformed Tie Bar		each	40.0		
G.9	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i) 100 mm Sidewalk	SD-228A	m²	80.0		
ii) Bullnose	SD-227C	m²	5.0		
G.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i) 100 mm Sidewalk	SD-228A				
а) Less than 5 sq.m.		m²	20.0		
b) 5 sq.m. to 20 sq.m.		m²	120.0		
C	Greater than 20 sq.m.		m²	570.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd.)					
G.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	10.0		
G.12	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	35.0		
G.13	Concrete Curb Installation	CW 3240-R9				
i)	Barrier (150 mm reveal ht, Separate)	SD-203A	m	10.0		
G.14	Concrete Curb Renewal	CW 3240-R9				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m	02 2007	m	95.0		
ii)	Curb Ramp (10-15 mm reveal ht, Integral)	SD-229C,D	m	70.0		
G.15	Construction of Asphaltic Concrete Overlay	CW 3410-R9				
i)	Main Line Paving					
a)	Type IA		tonne	875.0		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	140.0		
	JOINT AND CRACK SEALING					
G.16	Reflective Crack Maintenance	CW 3250-R7	m	650.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
G.17	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	1.0		
ii)	AP-006 - Standard Grated Cover for Standard Frame		each	1.0		
iii)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	3.0		
iv)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	3.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd.)					
G.18	Catch Basin Cleaning	CW 2140-R3	each	4.0		
	ADJUSTMENTS					
G.19	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1.0		
G.20	Lifter Rings	CW 3210-R7				
i)	51 mm		each	2.0		
G.21	Adjustment of Valve Boxes	CW 3210-R7	each	8.0		
G.22	Valve Box Extensions	CW 3210-R7	each	3.0		
G.23	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2.0		
G.24	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	3.0		
G.25	Curb Stop Extensions	CW 3210-R7	each	1.0		
	LANDSCAPING					
G.26	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	490.0		
ii)	width > or = 600 mm		m²	160.0		
G	REHABILITATION: RITCHIE STREET - JEFFE AVENUE	RSON AVENUE	/ CHOC	HINOV	Sub-Total:	

ГЕМ	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
н	ASPHALT RECONSTRUCTION: CHANCELL	OR DRIVE SOUT	H LEG -	AUGUSTA DRI	VE/MARKHAM I	ROAD
	EARTH AND BASE WORKS					
H.1	Excavation	CW 3110-R15	m³	1,400.0		
H.2	Sub-Grade Compaction	CW 3110-R15	m²	2,160.0		
H.3	Crushed Sub-base Material	CW 3110-R15				
i	50 mm		tonne	870.0		
ii)	100 mm		tonne	1,500.0		
H.4	Supplying and Placing Base Course Material	CW 3110-R15	m³	210.0		
H.5	Grading of Boulevards	CW 3110-R15	m²	1,200.0		
H.6	Separation Geotextile Fabric	CW 3130-R4	m²	2,160.0		
H.7	Supply and Install Geogrid	CW 3135-R1	m²	2,160.0		
	ROADWORKS - REMOVALS / RENEWALS					
H.8	Pavement Removal	CW 3110-R15				
ij	Concrete Pavement		m²	460.0		
ii)	Asphalt Pavement		m²	1,770.0		
H.9	Drilled Dowels	CW 3230-R7				
ij	19.1 mm Diameter		each	15.0		
H.10	Drilled Tie Bars	CW 3230-R7				
ij	20 M Deformed Tie Bar		each	70.0		
H.11	Miscellaneous Concrete Slab Installation	CW 3235-R9				
ij	100 mm Sidewalk	SD-228A	m²	50.0		
H.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
ij	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m²	85.0		
b)	Greater than 20 sq.m.		m²	360.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd.)					
H.13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	5.0		1
H.14	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	30.0		ı
H.15	Concrete Curb Removal	CW 3240-R9				
i)	Curb and Gutter		m	380.0		
	ROADWORK - NEW CONSTRUCTION					1
	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R14				1
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	460.0		1
H.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R14				1
i)	Construction of Modified Barrier (150 mm ht, Integral)	SD-203B	m	45.0		ı
ii)	Construction of Curb and Gutter (150 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	270.0		ı
iii)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	65.0		ı
iv)	Construction of Curb Ramp (10-15 mm ht, Integral)	SD-229C	m	55.0		ı
H.18	Construction of Asphaltic Concrete Pavements	CW 3410-R9				1
i)	Main Line Paving					
a)	Type IA		tonne	200.0		1
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	65.0		
H.19	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R9	tonne	210.0		
H.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	3.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORK - NEW CONSTRUCTION (Cont'd.)					
H.21	Catch Pit	CW 2130-R12				
i)	SD-023		each	1.0		
H.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC LDS					
	In a Trench, Class B Sand Bedding, Class 3 Backfill		m	20.0		
ii)	300 mm, PVC LDS					
	In a Trench, Class B Sand Bedding, Class 3 Backfill		m	5.0		
H.23	Drainage Connection Pipe	CW 2130-R12	m	5.0		
	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
	AP-004 - Standard Frame for Manhole and Catch Basin		each	3.0		
	AP-005 - Standard Solid Cover for Standard Frame		each	2.0		
	AP-006 - Standard Grated Cover for Standard Frame		each	1.0		
H.25	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1.0		
H.26	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	2.0		
H.27	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 300 mm (PVC LDS) Sewer		each	1.0		
H.28	Removal of Existing Catch Basins	CW 2130-R12	each	2.0		
H.29	Catch Basin Cleaning	CW 2140-R3	each	2.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORK - NEW CONSTRUCTION (Cont'd.)					
H.30	Installation of Subdrains	CW 3120-R4	m	40.0		
	ADJUSTMENTS					
H.31	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	3.0		
H.32	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.5		
H.33	Lifter Rings	CW 3210-R7				
i)	51 mm		each	2.0		
H.34	Adjustment of Valve Boxes	CW 3210-R7	each	3.0		
H.35	Valve Box Extensions	CW 3210-R7	each	1.0		
H.36	Adjustment of Curb Stop Boxes	CW 3210-R7	each	5.0		
	LANDSCAPING					
H.37	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	250.0		
ii)	width > or = 600 mm		m²	1,200.0		
Н	ASPHALT RECONSTRUCTION: CHANCELLO	OR DRIVE SOUT	H LEG - A	AUGUSTA		
	DRIVE / MARKHAM ROAD				Sub-Total:	

TEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I	ASPHALT RECONSTRUCTION: MARKHAM	ROAD - CHANCE	ELLOR D	RIVE EAST LE	G/GULL LAKE R	ROAD
	EARTH AND BASE WORKS					
1.1	Excavation	CW 3110-R15	m³	600.0		
1.2	Sub-Grade Compaction	CW 3110-R15	m²	1,400.0		
1.3	Crushed Sub-base Material	CW 3110-R15				
ij	50 mm		tonne	500.0		
ii	100 mm		tonne	910.0		
1.4	Supplying and Placing Base Course Material	CW 3110-R15	m³	115.0		
1.5	Grading of Boulevards	CW 3110-R15	m²	1,350.0		
1.6	Separation Geotextile Fabric	CW 3130-R4	m²	1,400.0		
1.7	Supply and Install Geogrid	CW 3135-R1	m²	1,400.0		
	ROADWORKS - REMOVALS / RENEWALS					
1.8	Pavement Removal	CW 3110-R15				
ij	Asphalt Pavement		m²	1,150.0		
1.9	Drilled Dowels	CW 3230-R7				
ij	19.1 mm Diameter		each	10.0		
I.10	Drilled Tie Bars	CW 3230-R7				
ij	20 M Deformed Tie Bar		each	10.0		
I.11	Miscellaneous Concrete Slab Installation	CW 3235-R9				
ij	100 mm Sidewalk	SD-228A	m²	50.0		
l.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
ij	100 mm Sidewalk	SD-228A				
a	Greater than 20 sq.m.		m²	150.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS / RENEWALS (Cont'd.)					
I.13	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	5.0		
I.14	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	5.0		
I.15	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	25.0		
I.16	Concrete Curb Removal	CW 3240-R9				
i)	Curb and Gutter		m	260.0		
	ROADWORK - NEW CONSTRUCTION					
l.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R14				
i)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	230.0		
ii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	10.0		
iii)	Construction of Curb and Gutter (10-15 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229E	m	25.0		
I.18	Construction of Asphaltic Concrete Pavements	CW 3410-R9				
i)	Main Line Paving					
a)	Type IA		tonne	150.0		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	50.0		
I.19	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R9	tonne	150.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
1.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd.)					
I.21	Catch Pit	CW 2130-R12				
i)	SD-023		each	1.0		
1.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC LDS					
	In a Trench, Class B Sand Bedding, Class 3 Backfill		m	15.0		
	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	2.0		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	2.0		
,	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	1.0		
iv)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	1.0		
1.24	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2.0		
1.25	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1.0		
1.26	Removal of Existing Catch Basins	CW 2130-R12	each	3.0		
1.27	Removal of Existing Catch Pit	CW 2130-R12	each	3.0		
1.28	Catch Basin Cleaning	CW 2140-R3	each	2.0		
1.29	Installation of Subdrains	CW 3120-R4	m	50.0		
	ADJUSTMENTS					
1.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	7.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
		NEF.		QUANTITY		
	ADJUSTMENTS (Cont'd.)					
I.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.5		
1.32	Lifter Rings	CW 3210-R7				
i)	51 mm		each	2.0		
1.33	Adjustment of Valve Boxes	CW 3210-R7	each	3.0		
1.34	Valve Box Extensions	CW 3210-R7	each	2.0		
1.35	Adjustment of Curb Stop Boxes	CW 3210-R7	each	5.0		
1.36	Curb Stop Extensions	CW 3210-R7	each	2.0		
	LANDSCAPING					
1.37	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	50.0		
ii)	width > or = 600 mm		m²	1,400.0		
	ASPHALT RECONSTRUCTION: MARKHAM	 ROAD - CHANCI	LLOR D	RIVE EAST		
ı	LEG / GULL LAKE ROAD				Sub-Total:	

TEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J	REHABILITATION: MARKHAM ROAD - GULI	L LAKE ROAD / 0	ONR TRA	ACKS		
	EARTH AND BASE WORKS					
J.1	Supplying and Placing Base Course Material	CW 3110-R15	m³	30.0		
J.2	Grading of Boulevards	CW 3110-R15	m²	870.0		
	ROADWORKS - REMOVALS / RENEWALS					
J.3	Slab Replacement	CW 3230-R7				
i	150 mm Concrete Pavement (Reinforced)		m²	45.0		
J.4	Partial Slab Patches	CW 3230-R7				
i	150 mm Concrete Pavement (Type A)		m²	5.0		
ii	150 mm Concrete Pavement (Type B)		m²	30.0		
J.5	Slab Replacement - Early Opening (72 hour)	CW 3230-R7				
i	150 mm Concrete Pavement (Reinforced)		m²	45.0		
J.6	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R7				
i	150 mm Concrete Pavement (Type B)		m²	30.0		
J.7	Drilled Dowels	CW 3230-R7				
i	19.1 mm Diameter		each	50.0		
J.8	Drilled Tie Bars	CW 3230-R7				
i) 20 M Deformed Tie Bar		each	50.0		
J.9	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i	100 mm Sidewalk	SD-228A	m²	55.0		
J.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i	Greater than 20 sq.m.		m²	400.0		
J.11	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	20.0		

ITEM		DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
		ROADWORKS - REMOVALS / RENEWALS (Cont'd.)					
J.12		Concrete Curb Renewal	CW 3240-R9				
	i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
	a)	Less than 3 m		m	5.0		
	b)	3 m to 30 m		m	50.0		
	c)	Greater than 30 m		m	40.0		
	ii)	Curb Ramp (10-15 mm reveal ht, Integral)	SD-229C,D	m	35.0		
J.13		Construction of Asphaltic Concrete Overlay	CW 3410-R9				
	i)	Main Line Paving					
	a)	Type IA		tonne	310.0		
	ii)	Tie-ins and Approaches					
	a)	Type IA		tonne	35.0		
J.14		Planing of Pavement	CW 3450-R5				
	i)	0 - 50 mm Depth (Asphalt)		m²	60.0		
J.15		Pavement Repair Fabric	E10.	m²	350.0		
		JOINT AND CRACK SEALING					
J.16		Reflective Crack Maintenance	CW 3250-R7	m	400.0		
		ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
J.17		Catch Basin	CW 2130-R12				
	i)	SD-025, 1800 mm deep		each	1.0		
J.18		Drainage Connection Pipe	CW 2130-R12	m	5.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd.)					
J.19	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	2.0		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	1.0		
iii)	AP-006 - Standard Grated Cover for Standard Frame		each	1.0		
iv)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	1.0		
v)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	1.0		
J.20	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1.0		
J.21	Catch Basin Cleaning	CW 2140-R3	each	4.0		
	ADJUSTMENTS					
J.22	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	6.0		
J.23	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.5		
J.24	Lifter Rings	CW 3210-R7				
i)	51 mm		each	5.0		
J.25	Adjustment of Valve Boxes	CW 3210-R7	each	7.0		
J.26	Valve Box Extensions	CW 3210-R7	each	4.0		
J.27	Adjustment of Curb Stop Boxes	CW 3210-R7	each	6.0		
J.28	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	1.0		
J.29	Curb Stop Extensions	CW 3210-R7	each	3.0		

DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
LANDSCAPING	INCI :		QUANTITI		
Sodding	CW 3510-R9				
width < 600 mm		m²	70.0		
width > or = 600 mm		m²	820.0		
REHABILITATION: MARKHAM ROAD - GULL	Cub Total				
	LANDSCAPING Sodding width < 600 mm width > or = 600 mm	REF. LANDSCAPING Sodding width < 600 mm width > or = 600 mm	REF.	REF. QUANTITY	LANDSCAPING CW 3510-R9 width < 600 mm

NIT PRIC		SDEC.	UNIT	ADDDOV	LINIT DDICE	AMOLINIT
I I E IVI	DESCRIPTION	SPEC. REF.	UNII	APPROX. QUANTITY	UNIT PRICE	AMOUNT
К	SEWER REPAIRS					
	DEXTER STREET (MA00017248)					
K.1	Sewer Inspection	CW 2145-R3				
i)	250 mm					
a)	Post Repair		m	82.0		
K.2	Sewer Repair - Up to 3 Metres Long	CW 2130-R12				
i)	250 mm					
a)	Class 3 Backfill		each	1.0		
	VICTOR STREET (MA20017451)					
K.3	Sewer Inspection	CW 2145-R3				
i)	450 mm					
a)	Post Repair		m	90.0		
K.4	Sewer Repair - Up to 3 Metres Long	CW 2130-R12				
i)	450 mm					
a)	Class 3 Backfill			1.0		
K.5	Sewer Repair - In Addition to First 3 Metres	CW 2130-R12				
i)	450 mm					
a)	Class 3 Backfill		m	4.0		
K.6	Connecting Existing Sewer Service to New Sewer	CW 2130-R12				
i)	150 mm		each	2.0		
K	SEWER REPAIRS	1	I	<u>. </u>		
					Sub-Total:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2	2: MANITOBA HYDRO FUNDED WORK					
L	STREET LIGHT INSTALLATION					
	VICTOR STREET - ST. MATTHEWS AVENUE / ELLICE AVENUE					
	NEW STREET LIGHT INSTALLATION					
L.1	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E16.	each	6.0		
L.2	Installation of #4 AL C/N streetlight cable by trench method.	E16.	lin.m	350.0		
L.3	Installation of 50 mm conduit by boring method.	E16.	lin.m	20.0		
L.4	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.	E16.	each	6.0		
L.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 tape to top of the ground rod.	E16.	each	1.0		
L.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.	E16.	each	1.0		
L.7	Splice / connect 2/C #12 copper single conductor street light cables per Standard CD310-4, CD310-9 or CD310-10.	E16.	each	6.0		
L.8	Splicing #4 Al C/N or 2 single conductor street light cables.	E16.	each	1.0		
L.9	Splicing 1/0 AL triplex cable or 3 single conductor street light cables.	E16.	each	1.0		
	MARKHAM ROAD - CHANCELLOR DRIVE EAST LEG / GULL LAKE ROAD / CNR TRACKS					
	NEW STREET LIGHT INSTALLATION					
L.10	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E16.	each	7.0		
L.11	Installation of #4 AL C/N streetlight cable by trench method.	E16.	lin.m	230.0		
L.12	Installation of 50 mm conduit by boring method.	E16.	lin.m	20.0		
L.13	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.	E16.	each	7.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	MARKHAM ROAD - CHANCELLOR DRIVE EAST LEG / GULL LAKE ROAD / CNR TRACKS (Cont'd.)					
	NEW STREET LIGHT INSTALLATION (Cont'd.)					
L.14	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 tape to top of the ground rod.	E16.	each	1.0		
L.15	Installation and connection of externally- mounted relay per Standards CD 315-12 and CD 315-13.	E16.	each	1.0		
L.16	Splice/connect 2/C #12 copper single conductor street light cables per Standard CD310-4, CD310-9 or CD310-10.	E16.	each	7.0		
L.17	Installation of break-away base and reaction plate on base mounted poles up to 35'.	E16.	each	6.0		
	CHANCELLOR DRIVE SOUTH LEG - AUGUSTA DRIVE / MARKHAM ROAD					
	NEW STREET LIGHT INSTALLATION					
L.18	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E16.	each	3.0		
L.19	Installation of #4 AL C/N streetlight cable by trench method.	E16.	lin.m	140.0		
L.20	Installation of 50 mm conduit by boring method.	E16.	lin.m	60.0		
L.21	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.	E16.	each	3.0		
L.22	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 tape to top of the ground rod.	E16.	each	1.0		
L.23	Installation and connection of externally-mounted relay per Standards CD 315-12 and CD 315-13.	E16.	each	1.0		
L.24	Splice/connect 2/C #12 copper single conductor street light cables per Standard CD310-4, CD310-9 or CD310-10.	E16.	each	3.0		
L	STREET LIGHT INSTALLATION		•		Qub Total	
					Sub-Total:	

UNIT PRIC	CES					
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	SUMMARY					
PART 1	: CITY FUNDED WORK					
A	REHABILITATION: DEXTER STREET - BURR	OWS AVENUE	/ TIMMINS	PLACE	Sub-Total:	
В	REHABILITATION: BURROWS AVENUE - HAI	DDON ROAD /	INKSTER	BOULEVARD	Sub-Total:	
С	REHABILITATION: PARR STREET - LANSDO	WNE AVENUE	/ McADAN	I AVENUE	Sub-Total:	
D	REHABILITATION: BURROWS AVENUE EAST	TBOUND - McC	REGOR S	STREET /	Sub-Total:	
E	ASPHALT RECONSTRUCTION: VICTOR STR ELLICE AVENUE	EET - ST. MAT	THEWS A	VENUE /	Sub-Total:	
F	REHABILITATION: JEFFERSON AVENUE - CI	P TRACKS / RI	TCHIE ST	REET	Sub-Total:	
G	REHABILITATION: RITCHIE STREET - JEFFE AVENUE	RSON AVENU	E / CHOCH	HINOV	Sub-Total:	
Н	ASPHALT RECONSTRUCTION: CHANCELLO DRIVE / MARKHAM ROAD	R DRIVE SOU	ΓH LEG - A	AUGUSTA	Sub-Total:	
I	ASPHALT RECONSTRUCTION: MARKHAM R LEG / GULL LAKE ROAD	OAD - CHANC	ELLOR DF	RIVE EAST	Sub-Total:	
J	REHABILITATION: MARKHAM ROAD - GULL	LAKE ROAD /	CNR TRA	CKS	Sub-Total:	
K	SEWER REPAIRS				Sub-Total:	
				(Total Pric	e - Part 1)	
PART 2	: MANITOBA HYDRO FUNDED WORK					
L	STREET LIGHT INSTALLATION				Sub-Total:	
				(Total Pric	ee - Part 2)	
TOTAL BIL	D PRICE (GST extra)		(in figu	res)		
(in words)						

(Seal)

Template Version: C420120228 - RW

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2) (See B10)

	BID BOND
KNOW ALL MEN BY THESE PRESENTS T	THAT
(hereinafter called the "Principal") and	
called the "Obligee") in the sum of ten per	and firmly bound unto THE CITY OF WINNIPEG (hereinaft cent (10%) of the Total Bid Price set out in the Bid hereinaft ne Principal and Surety bind themselves, their heirs, executor ntly and severally, firmly by these presents.
WHEREAS the Principal has submitted a Bi	d to the Obligee for
BID OPPORTUNITY NO. 291-2012	
2012 LOCAL STREET RENEWAL PROGR OTHER LOCATIONS	AM: VICTOR STREET, DEXTER STREET AND VARIOUS
as more fully set out in the Bid Opportunity.	
if said Bid is accepted and the Principal, in a the said Obligee and furnishes the required	ligation is such that if the Bid of the Principal is not accepted, accordance with the terms of the Bid, enters into a Contract wi performance security for guaranteeing the faithful performance 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) Per:

(Name of Surety)

(Attorney-in-Fact)

By:

Template Version: C420120228 - RW

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2) (See B10)

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,
0
(Name of Bidder)
(Place)
the Bidder to you on, 20 for
BID OPPORTUNITY NO. 291-2012
2012 LOCAL STREET RENEWAL PROGRAM: VICTOR STREET, DEXTER STREET 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 warrant 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 contrar notwithstanding.
SIGNED AND SEALED this day of , 20
(Name of Surety)
By: (Seal)

Template Version: C420120228 - RW

FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 1 of 2) (See B10)

(Date)	
Corpo Materi 185 Ki	ity of Winnipeg rate Finance Department als Management Division ing Street, Main Floor peg MB R3B 1J1
RE:	BID SECURITY – BID OPPORTUNITY NO. 291-2012
	2012 LOCAL STREET RENEWAL PROGRAM: VICTOR STREET, DEXTER STREET AND VARIOUS OTHER LOCATIONS
Pursua	ant to the request of and for the account of our customer,
(Name o	of Bidder)
WE H	s of Bidder) EREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding aggregate
	Canadian dollars.
demar Letter payme	Standby Letter of Credit may be drawn on by you at any time and from time to time upon written do 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 ou or by formal notice in writing given to us by you if you desire such reduction or are willing that it be
Partial	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:
(Addres	s)
and w	e confirm and hereby undertake to ensure that all demands for payment will be duly honoured by us.

Template Version: C420120228 - RW

FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 2 of 2) (See B10)

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 July 21, 2012.

if our customer's Bid is not accepted, and if accepted, when our customer has entered into a Contract with you and has furnished the required performance security for guaranteeing the faithful performance of the Contract.

This Standby Letter of Credit may not be revoked or amended without your prior written approval.

WE HEREBY UNDERTAKE and agree to provide in your favour an irrevocable Standby Letter of Credit in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity, if our customer's Bid is accepted by you. Such Standby Letter of Credit shall be maintained and continue in full force and effect until the expiration of the warranty period. The Standby Letter of Credit shall be in the form specified in the Bid Opportunity.

This credit is subject to the Uniform Customs and Practice for Documentary Credit (1993 Revision), International Chamber of Commerce Publication Number 500.

(Name of bank or financial institution)	
Per:	
	(Authorized Signing Officer)
Per:	
	(Authorized Signing Officer)