FORM A: BID (See B9)

1.	Contract Title	and Various Other Location	al Program: Amelia Crescent, Pii ns	necrest Bay,
2.	Bidder	Name of Bidder		
		Usual Business Name of Bidder a	s it appears on Invoice (if different from a	above)
		Street		
		City	Province	Postal Code
		Email Address of Bidder		
		Facsimile Number		
	(Mailing address if different)	Street or P.O. Box		
		City	Province	Postal Code
	(Ohaana ara)	The Bidder is:		
	(Choose one)	a sole proprietor		
		a partnership		
		a corporation	. Use a large group of	
		carrying on business under	the above name.	
3.	Contact Person	The Bidder hereby authori the Bidder for purposes of	zes the following contact persor the Bid.	n 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 the neral Conditions.	the meanings
5.	Offer		to perform the Work in accordance, in Canadian funds, set or	

6.	Bid Security	In accordance with B13.1, 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 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	I CITY FUNDED WORK					
Α	AMELIA CRESCENT - TU-PELO AVENUE T REHABILITATION	O McCREEDY F	ROAD,			
	EARTH AND BASE WORKS					
A.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	10		
١.2	Grading of Boulevards	CW 3110-R19	m²	800		
	ROADWORKS - RENEWALS					
٨.3	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	300		
\.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	20		
ii)	150 mm Concrete Pavement (Type B)		m²	100		
iii)	150 mm Concrete Pavement (Type D)		m²	50		
A .5	Partial Depth Planing of Existing Joints	E11	m²	450		
4.6	Asphalt Patching of Partial Depth Joints	E11	m²	450		
٨.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	300		
٨.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	300		
٨.9	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	50		
A.10	Concrete Curb Removal	CW 3240-R10				
i)	Lip Curb	SD-202C	m	835		
\.11	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	750		
ii)	Modified Barrier (150 mm reveal ht,	SD-203B	m	85		
A.12	Dowelled) Concrete Curb Renewal	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht,	SD-203B	m	25		
ii)	Dowelled) Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	50		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	19		
A.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	35		

A.14 Construction of Asphaltic Concrete Overlay ii) Main Line Paving a) Type IA tonne 1210 Tie-ins and Approaches a) Type IA tonne 100 A.15 Tie-ins and Approaches a) Type IA tonne 100 A.15 Tie-ins and Approaches a) Type IA tonne 100 A.15 Tie-ins and Approaches a) Type IA tonne 100 A.15 Tie-ins and Approaches a) Type IA tonne 100 A.15 Tie-ins and Approaches a) Type IA tonne 100 A.15 Tie-ins and Approaches a) Type IA tonne 100 A.15 Tie-ins and Approaches Tie-ins and Apple II A.16 Tie-ins and Apple II A.17 Tie-ins and Expensive II Tie-ins and Expensive	ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a) Type IA ii) Tie-ins and Approaches a) Type IA 7 Flening of Pavement b) 1 - 50 mm Depth (Asphalt) b) 50 - 100 mm Depth (Asphalt) b) 50 - 100 mm Depth (Asphalt) b) 1 - 50 mm Depth (Asphalt) b) 1 - 50 mm Depth (Concrete) b) 4.16 Detectable Warning Surface Tiles b) JOINT AND CRACK SEALING CM 3250-R7 m 670 ASSOCIATED DRAINAGE AND UNDERGROUND WORKS b) AP-011 - Barrier Curb and Gutter Frame b) AP-012 - Barrier Curb and Gutter Frame b) AP-012 - Barrier Curb and Gutter Cover Catch Basin Cleaning CW 2140-R3 each b) ADJUSTMENTS A20 Adjustment of Manholes/Catch Basins Frames A21 Lifter Rings (AP-010) b) 51 mm cach 2 AJUSTMENTS A22 Adjustment of Valve Boxes CW 3210-R8 cach 1 A23 Valve Box Extensions CW 3210-R8 cach 1 LANDSCAPING A24 Sodding CW 3510-R9 width > or = 600 mm m² 300 m² 300 m² 1000 MISCELLANEOUS A25 Adjustment of Sprinkler Head and/or Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO McCREEDY ROAD.	A.14	Construction of Asphaltic Concrete Overlay					
ii) Tie-ins and Approaches a) Type IA A.15 Planing of Pavement 1 - 50 mm Depth (Asphalt) iii) 50 - 100 mm Depth (Asphalt) iii) 1 - 50 mm Depth (Concrete) Detectable Warning Surface Tiles CW 3326-R3 each 6 JOINT AND CRACK SEALING A.17 Reflective Crack Maintenance CW 3250-R7 m 670 ASSOCIATED DRAINAGE AND UNDERGROUND WORKS AP-011 - Barrier Curb and Gutter Frame ii) AP-012 - Barrier Curb and Gutter Cover Catch Basin Cleaning CW 2140-R3 each 1 ADJUSTMENTS A.20 Adjustment of Manholes/Catch Basins Frames A.21 Lifter Rings (AP-010) CW 3210-R8 each 1 A.22 Adjustment of Valve Boxes CW 3210-R8 each 1 A.23 Valve Box Extensions CW 3210-R8 each 1 LANDSCAPING Sodding CW 3510-R9 i) width < 600 mm width > or = 600 mm m² 300 mii) width > or = 600 mm miscellaneous A.25 Adjustment of Sprinkier Head and/or Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO McCREEDY ROAD.	i)	Main Line Paving					
a) Type IA A.15 Planing of Pavement i) 1 - 50 mm Depth (Asphalt) ii) 50 - 100 mm Depth (Asphalt) iii) 50 - 100 mm Depth (Concrete) A.16 Detectable Warning Surface Tiles CW 3326-R3 A.17 Reflective Crack Maintenance CW 3250-R7 m ASSOCIATED DRAINAGE AND UNDERGROUND WORKS A.18 Frames & Covers AP-011 - Barrier Curb and Gutter Frame ii) AP-012 - Barrier Curb and Gutter Cover A.19 Catch Basin Cleaning CW 2140-R3 ADJUSTMENTS A20 Adjustment of Manholes/Catch Basins Frames A21 Lifter Rings (AP-010) CW 3210-R8 i) 51 mm A22 Adjustment of Valve Boxes CW 3210-R8 CW 3210-R8 ceach CW 3	a)	Type IA		tonne	1210		
A.15 Planing of Pavement CW 3450-R6	ii)	Tie-ins and Approaches					
i) 1 - 50 mm Depth (Asphalt) ii) 50 - 100 mm Depth (Asphalt) iii) 1 - 50 mm Depth (Concrete) A.16 Detectable Warning Surface Tiles CW 3326-R3 each 6 JOINT AND CRACK SEALING A.17 Reflective Crack Maintenance CW 3250-R7 m 670 ASSOCIATED DRAINAGE AND UNDERGROUND WORKS A.18 Frames & Covers i) AP-011 - Barrier Curb and Gutter Frame ii) AP-012 - Barrier Curb and Gutter Cover A.19 Catch Basin Cleaning CW 2140-R3 each 1 ADJUSTMENTS A.20 Adjustment of Manholes/Catch Basins Frames A.21 Lifter Rings (AP-010) i) 51 mm each 2 A.22 Adjustment of Valve Boxes CW 3210-R8 A.23 Valve Box Extensions CW 3210-R8 i) Width < 600 mm ii) width < on m width < on m iii) AMELIA CRESCENT - TU-PELO AVENUE TO McCREEDY ROAD.	a)	Type IA		tonne	100		
ii) 50 - 100 mm Depth (Asphalt)	A.15	Planing of Pavement	CW 3450-R6				
iii)	i)	1 - 50 mm Depth (Asphalt)		m²	200		
A.16 Detectable Warning Surface Tiles	ii)	50 - 100 mm Depth (Asphalt)		m²	100		
A.17 Reflective Crack Maintenance	iii)	1 - 50 mm Depth (Concrete)		m²	25		
A.17 Reflective Crack Maintenance	A.16	Detectable Warning Surface Tiles	CW 3326-R3	each	6		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS A.18 Frames & Covers i) AP-011 - Barrier Curb and Gutter Frame ii) AP-012 - Barrier Curb and Gutter Cover A.19 Catch Basin Cleaning CW 2140-R3 each 1 ADJUSTMENTS A.20 Adjustment of Manholes/Catch Basins Frames A.21 Lifter Rings (AP-010) i) 51 mm each 2 A.22 Adjustment of Valve Boxes CW 3210-R8 each 1 A.23 Valve Box Extensions CW 3210-R8 each 1 LANDSCAPING A.24 Sodding i) width < 600 mm ii) width < 600 mm iii) width > or = 600 mm MISCELLANEOUS A.25 Adjustment of Sprinkler Head and/or Drainage Pipe A.26 Replacement of Existing Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO McCREEDY ROAD.		JOINT AND CRACK SEALING					
A.18 Frames & Covers i) AP-011 - Barrier Curb and Gutter Frame ii) AP-012 - Barrier Curb and Gutter Cover A.19 Catch Basin Cleaning CW 2140-R3 each 1 ADJUSTMENTS A.20 Adjustment of Manholes/Catch Basins Frames A.21 Lifter Rings (AP-010) i) 51 mm CW 3210-R8 ii) 64 CW 3210-R8 ii) 51 mm CW 3210-R8 each 1 A.22 Adjustment of Valve Boxes CW 3210-R8 each 1 A.23 Valve Box Extensions CW 3210-R8 each 1 LANDSCAPING A.24 Sodding CW 3510-R9 i) width < 600 mm ii) width > or = 600 mm MISCELLANEOUS A.25 Adjustment of Sprinkler Head and/or Drainage Pipe A.26 Replacement of Existing Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO MCCREEDTY ROAD.	A.17	Reflective Crack Maintenance	CW 3250-R7	m	670		
i) AP-011 - Barrier Curb and Gutter Frame ii) AP-012 - Barrier Curb and Gutter Cover A.19 Catch Basin Cleaning CW 2140-R3 each 1 ADJUSTMENTS A.20 Adjustment of Manholes/Catch Basins Frames A.21 Lifter Rings (AP-010) CW 3210-R8 i) 51 mm each 2 A.22 Adjustment of Valve Boxes CW 3210-R8 each 1 A.23 Valve Box Extensions CW 3210-R8 each 1 LANDSCAPING A.24 Sodding CW 3510-R9 i) width < 600 mm m² 300 ii) width > or = 600 mm m² 1000 MISCELLANEOUS A.25 Adjustment of Sprinkler Head and/or Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO MCCREEDY ROAD.							
ii) AP-012 - Barrier Curb and Gutter Cover A.19 Catch Basin Cleaning CW 2140-R3 each 1 ADJUSTMENTS A.20 Adjustment of Manholes/Catch Basins Frames A.21 Lifter Rings (AP-010) CW 3210-R8 each 2 ii) 51 mm each 2 A.22 Adjustment of Valve Boxes CW 3210-R8 each 1 A.23 Valve Box Extensions CW 3210-R8 each 1 LANDSCAPING A.24 Sodding CW 3510-R9 i) width < 600 mm m² 300 ii) width > or = 600 mm m² 1000 MISCELLANEOUS A.25 Adjustment of Sprinkler Head and/or Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO MCCREEDY ROAD,	A.18	Frames & Covers	CW3210-R8				
A.19 Catch Basin Cleaning	i)	AP-011 - Barrier Curb and Gutter Frame		each	8		
ADJUSTMENTS A.20	ii)	AP-012 - Barrier Curb and Gutter Cover		each	8		
A.20 Adjustment of Manholes/Catch Basins Frames A.21 Lifter Rings (AP-010) CW 3210-R8 i) 51 mm each 2 A.22 Adjustment of Valve Boxes CW 3210-R8 each 1 A.23 Valve Box Extensions CW 3210-R8 each 1 LANDSCAPING A.24 Sodding CW 3510-R9 i) width < 600 mm m² 300 ii) width > or = 600 mm m² 1000 MISCELLANEOUS A.25 Adjustment of Sprinkler Head and/or Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO McCREEDY ROAD.	A.19	Catch Basin Cleaning	CW 2140-R3	each	1		
Frames Lifter Rings (AP-010) CW 3210-R8		ADJUSTMENTS					
i) 51 mm	A.20		CW 3210-R8	each	3		
A.22 Adjustment of Valve Boxes	A.21	Lifter Rings (AP-010)	CW 3210-R8				
A.23 Valve Box Extensions CW 3210-R8 each 1 LANDSCAPING A.24 Sodding i) width < 600 mm ii) width > or = 600 mm MISCELLANEOUS A.25 Adjustment of Sprinkler Head and/or Drainage Pipe A.26 Replacement of Existing Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO MCCREEDY ROAD,	i)	51 mm		each	2		
LANDSCAPING A.24 Sodding i) width < 600 mm width > or = 600 mm MISCELLANEOUS A.25 Adjustment of Sprinkler Head and/or Drainage Pipe A.26 Replacement of Existing Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO McCREEDY ROAD,	A.22	Adjustment of Valve Boxes	CW 3210-R8	each	1		
A.24 Sodding CW 3510-R9 i) width < 600 mm m² 300 ii) width > or = 600 mm m² 1000 MISCELLANEOUS A.25 Adjustment of Sprinkler Head and/or Drainage Pipe A.26 Replacement of Existing Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO McCREEDY ROAD,	A.23	Valve Box Extensions	CW 3210-R8	each	1		
i) width < 600 mm m² 300 ii) width > or = 600 mm m² 1000 MISCELLANEOUS A.25 Adjustment of Sprinkler Head and/or Drainage Pipe A.26 Replacement of Existing Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO McCREEDY ROAD,		LANDSCAPING					
ii) width > or = 600 mm m² 1000 MISCELLANEOUS A.25 Adjustment of Sprinkler Head and/or Drainage Pipe A.26 Replacement of Existing Drainage Pipe E12 each 4 Drainage Pipe E12 m 10	A.24	Sodding	CW 3510-R9				
MISCELLANEOUS A.25 Adjustment of Sprinkler Head and/or E12 each Drainage Pipe A.26 Replacement of Existing Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO McCREEDY ROAD,	i)	width < 600 mm		m²	300		
A.25 Adjustment of Sprinkler Head and/or E12 each Drainage Pipe A.26 Replacement of Existing Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO McCREEDY ROAD.	ii)	width > or = 600 mm		m²	1000		
A.26 Replacement of Existing Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO McCREEDY ROAD,		MISCELLANEOUS					
A.26 Replacement of Existing Drainage Pipe E12 m 10 AMELIA CRESCENT - TU-PELO AVENUE TO McCREEDY ROAD,	A.25		E12	each	4		
	A.26		E12	m	10		
	Α		O McCREEDY F	ROAD,		Subtotal	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
В	CHORNICK DRIVE - McIVOR AVENUE TO G REHABILITATION	SILMORE AVEN	UE,			
	EARTH AND BASE WORKS					
3.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	25		
3.2		CW 3110-R19	m²	4000		
	Grading of Boulevards Boulevard Excavation	CW 3110-R19		20		
5.3	Boulevaru Excavation	CW 3110-R19	m³	20		
	ROADWORKS - RENEWALS					
3.4	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	100		
3.5	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	10		
ii)	150 mm Concrete Pavement (Type B)		m²	200		
iii)	150 mm Concrete Pavement (Type D)		m²	50		
3.6	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	400		
3.7	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	600		
3.8	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	100		
c)	Greater than 20 sq.m.		m²	600		
ii)	150 mm Reinforced Sidewalk					
a)	5 sq.m. to 20 sq.m.		m²	40		
3.9	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	10		
3.10	Concrete Curb Removal	CW 3240-R10				
i)	Lip Curb	SD-202C	m	690		
3.11	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	575		
ii)	Modified Barrier (150 mm reveal ht,	SD-203B	m	105		
iii)	Dowelled) Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229A,B,C	m	10		
3.12	Concrete Curb Renewal	CW 3240-R10				
i)	Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	150		
ii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	35		

DESCRIPTION	CDEC	LINUT	A DDD O V	LINIT DDICE	AMOUNT
DESCRIPTION	SPEC. REF.	UNII	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Construction of Asphaltic Concrete Overlay	CW 3410-R11				
Main Line Paving					
Type IA		tonne	890		
Tie-ins and Approaches					
Type IA		tonne	100		
Planing of Pavement	CW 3450-R6				
1 - 50 mm Depth (Asphalt)		m²	700		
1 - 50 mm Depth (Concrete)		m²	50		
ROADWORKS - NEW CONSTRUCTION					
100 mm Concrete Sidewalk	CW 3325-R5	m²	60		
LOUNT AND ODAGE OF ALLING					
	CW 2250 D7		500		
Renective Crack Maintenance	CVV 325U-K/	"	500		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
Drainage Connection Pipe	CW 2130-R12	m	12		
Frames & Covers	CW3210-R8				
AP-011 - Barrier Curb and Gutter Frame		each	3		
AP-012 - Barrier Curb and Gutter Cover		each	3		
Connecting to Existing Catch Basin	CW 2130-R12				
250 mm Drainage Connection Pipe		each	3		
Connecting to Existing Sewer	CW 2130-R12				
Connecting to 450 mm Concrete Sewer		each	1		
Catch Basin Cleaning	CW 2140-R3	each	2		
AD.IIISTMENTS					
	CW 3210-R8	each	4		
Frames					
	31. 2100 1112	vert m	1		
	CW 3210-R8	70.1.111	<u>'</u>		
	31. 32.01.0	each	1		
			·		
	CW 3210-R8		4		
Valve Box Extensions	CW 3210-R8	each	4		
TAITO DON ENGINEENIS	0 1 0 10 1 10 1 10 1 10 1 10 1 10 1 10	Cacii	1 7		
	Type IA Tie-ins and Approaches Type IA Planing of Pavement 1 - 50 mm Depth (Asphalt) 1 - 50 mm Depth (Concrete) ROADWORKS - NEW CONSTRUCTION 100 mm Concrete Sidewalk JOINT AND CRACK SEALING Reflective Crack Maintenance ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Drainage Connection Pipe Frames & Covers AP-011 - Barrier Curb and Gutter Frame AP-012 - Barrier Curb and Gutter Cover Connecting to Existing Catch Basin 250 mm Drainage Connection Pipe Connecting to Existing Sewer Connecting to Existing Sewer Catch Basin Cleaning ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames Replacing Existing Risers Pre-cast Concrete Risers Lifter Rings (AP-010) 38 mm 51 mm 76 mm Adjustment of Valve Boxes	Construction of Asphaltic Concrete Overlay Main Line Paving Type IA Tie-ins and Approaches Type IA Planing of Pavement 1 - 50 mm Depth (Asphalt) 1 - 50 mm Depth (Concrete) ROADWORKS - NEW CONSTRUCTION 100 mm Concrete Sidewalk CW 3325-R5 JOINT AND CRACK SEALING Reflective Crack Maintenance CW 3250-R7 ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Drainage Connection Pipe Frames & Covers AP-011 - Barrier Curb and Gutter Frame AP-012 - Barrier Curb and Gutter Cover Connecting to Existing Catch Basin CW 2130-R12 250 mm Drainage Connection Pipe Connecting to Existing Sewer Connecting to 450 mm Concrete Sewer Catch Basin Cleaning CW 2140-R3 ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames Replacing Existing Risers CW 2130-R12 Pre-cast Concrete Risers Lifter Rings (AP-010) 38 mm 51 mm 76 mm Adjustment of Valve Boxes CW 3210-R8	Construction of Asphaltic Concrete Overlay Main Line Paving Type IA Tie-ins and Approaches Type IA Planing of Pavement 1 - 50 mm Depth (Asphalt) 1 - 50 mm Depth (Concrete) ROADWORKS - NEW CONSTRUCTION 100 mm Concrete Sidewalk CW 3325-R5 JOINT AND CRACK SEALING Reflective Crack Maintenance ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Drainage Connection Pipe Frames & Covers AP-011 - Barrier Curb and Gutter Frame AP-012 - Barrier Curb and Gutter Frame AP-012 - Barrier Curb and Gutter Cover Connecting to Existing Catch Basin Connecting to Existing Sewer Connecting to Existing Sewer Connecting to Existing Sewer Catch Basin Cleaning CW 2130-R12 Connecting to 450 mm Concrete Sewer Catch Basin Cleaning CW 2140-R3 ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames Replacing Existing Risers CW 2130-R12 Pre-cast Concrete Risers Lifter Rings (AP-010) CW 3210-R8 each each each famm famm each each each each each each each each	REF. QUANTITY	REF. QUANTITY

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
B.28	Curb Stop Extensions	CW 3210-R8	each	10		
B.29	Adjustment of Curb and Gutter Frames	CW 3210-R8	each	4		
	LANDSCAPING					
B.30	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	250		
ii)	width > or = 600 mm		m²	4000		
В	CHORNICK DRIVE - McIVOR AVENUE TO C	SILMORE AVEN	UE,	•	Subtotal:	
Ь	<u>REHABILITATION</u>				Subiolai.	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX.	UNIT PRICE	AMOUNT
С	McCREEDY ROAD - TU-PELO AVENUE TO REHABILITATION		CENT (N	QUANTITY ORTH LEG),		
	EARTH AND BASE WORKS					
C.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	15		
C.2	Grading of Boulevards	CW 3110-R19	m²	2900		
	ROADWORKS - RENEWALS					
C.3	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	220		
C.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	10		
ii)	150 mm Concrete Pavement (Type B)		m²	50		
iii)	150 mm Concrete Pavement (Type D)		m²	100		
C.5	Partial Depth Planing of Existing Joints	E11	m²	80		
C.6	Asphalt Patching of Partial Depth Joints	E11	m²	80		
C.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	200		
C.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	350		
C.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a	Less than 5 sq.m.		m²	15		
C.10	Concrete Curb Removal	CW 3240-R10				
i)	Lip Curb	SD-202C	m	525		
C.11	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	465		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	60		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.12	Concrete Curb Renewal	CW 3240-R10				
i)	Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	20		
ii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	15		
C.13	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	530		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	60		
C.14	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	150		
C.15	Detectable Warning Surface Tiles	CW 3326-R3	each	2		
	JOINT AND CRACK SEALING					
C.16	Reflective Crack Maintenance	CW 3250-R7	m	300		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
C.17	Frames & Covers	CW3210-R8				
i)	AP-011 - Barrier Curb and Gutter Frame		each	2		
ii)	AP-012 - Barrier Curb and Gutter Cover		each	2		
	ADJUSTMENTS					
C.18	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	2		
C.19	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	2		
C.20	Adjustment of Valve Boxes	CW 3210-R8	each	1		
C.21	Valve Box Extensions	CW 3210-R8	each	1		
C.22	Adjustment of Curb and Gutter Frames	CW 3210-R8	each	2		
	LANDSCAPING					
C.23	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	200		
ii)	width > or = 600 mm		m²	3000		
	MISCELLANEOUS					
C.24	Adjustment of Sprinkler Head and/or Drainage Pipe	E12	each	2		
C.25	Replacement of Existing Drainage Pipe	E12	m	5		
С	McCREEDY ROAD - TU-PELO AVENUE TO REHABILITATION	AMELIA CRES	CENT (N	ORTH LEG),	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	MONCTON AVENUE - GATEWAY ROAD TO	GREY STREET	T. REHA	<u>BILITATION</u>		
	EARTH AND BASE WORKS					
D.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	15		
D.2	Grading of Boulevards	CW 3110-R19	m²	545		
	ROADWORKS - RENEWALS					
D.3	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	225		
D.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	10		
ii)	150 mm Concrete Pavement (Type B)		m²	15		
iii)	150 mm Concrete Pavement (Type D)		m²	30		
D.5	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	75		
D.6	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	150		
D.7	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
а	Less than 5 sq.m.		m²	20		
b	5) 5 sq.m. to 20 sq.m.		m²	150		
ii)	150 mm Reinforced Sidewalk					
а	5 sq.m. to 20 sq.m.		m²	10		
D.8	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205,				
а	3 m to 30 m	SD-206A	m	50		
b	Greater than 30 m		m	500		
ii)	Modified Barrier (150 mm reveal ht,	SD-203B	m	45		
iii)	Dowelled) Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	45		
D.9	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
а	Type IA		tonne	530		
ii)	Tie-ins and Approaches					
а	Type IA		tonne	50		
D.10	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	200		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.11	Pavement Repair Fabric	E10	m²	2300		
	JOINT AND CRACK SEALING					
D.12	Reflective Crack Maintenance	CW 3250-R7	m	300		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.13	Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
D.14	Drainage Connection Pipe	CW 2130-R12	m	2		
D.15	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	2		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	2		
iii)	AP-011 - Barrier Curb and Gutter Frame		each	2		
iv)	AP-012 - Barrier Curb and Gutter Cover		each	2		
D.16	Abandoning Existing Drainage Inlets	CW 2130-R12	each	2		
D.17	Catch Basin Cleaning	CW 2140-R3	each	1		
	ADJUSTMENTS					
D.18	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	2		
D.19	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
D.20	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	1		
iii)	64 mm		each	1		
D.21	Adjustment of Valve Boxes	CW 3210-R8	each	1		
D.22	Valve Box Extensions	CW 3210-R8	each	1		
D.23	Adjustment of Curb Stop Boxes	CW 3210-R8	each	2		
D.24	Curb Stop Extensions	CW 3210-R8	each	2		
D.25	Adjustment of Curb and Gutter Frames	CW 3210-R8	each	2		
	LANDSCAPING					
D.26	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	100		
ii)	width > or = 600 mm		m²	800		
D	MONCTON AVENUE - GATEWAY ROAD TO	GREY STREET	T, REHA	BILITATION	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	CHRISLIND STREET - REGENT AVENUE W RECONSTRUCTION	TO RAVELSTO	N AVEN	IUE W,		
	EARTH AND BASE WORKS					
≣. 1	Excavation	CW 3110-R19	m³	2000		
E.2	Sub-Grade Compaction	CW 3110-R19	m²	3700		
3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	3350		
.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	425		
5	Grading of Boulevards	CW 3110-R19	m²	1150		
. .6	Separation / Reinforcement Geotextile Fabric	CW 3130-R4	m²	3700		
	ROADWORKS - RENEWALS					
E.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	4050		
8.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	400		
.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
а) 5 sq.m. to 20 sq.m.		m²	50		
b) Greater than 20 sq.m.		m²	150		
.10	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
а) Less than 3 m	3D-200A	m	10		
.11	Detectable Warning Surface Tiles	CW 3326-R3	each	6		
	ROADWORKS - NEW CONSTRUCTION					
E.12	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced), Slip Form Paving		m²	3200		
ii)	Construction of 200 mm Concrete Pavement (Reinforced)		m²	850		
E.13	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	250		
ii)	Construction of Modified Barrier (180 mm ht, Integral), Slip Form Paving	SD-203B	m	460		
iii)	Construction of Curb Ramp (8-12 mm ht, Monolithic)	SD-229C	m	20		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.14	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
E.15	100 mm Concrete Sidewalk	CW 3325-R5	m²	680		
E.16	Construction of Asphalt Patches	CW 3410-R11	m²	10		
	JOINT AND CRACK SEALING					
E.17	Joint Sealing	CW 3250-R7	m	2200		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
E.18	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	2		
ii)	SD-024, 1800 mm deep		each	2		
E.19	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
а) In a Trench, Class B Type, Class 3 Backfill		m	37		
E.20	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	3		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	3		
E.21	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	3		
E.22	Connecting to Existing Sewer	CW 2130-R12				
а) Connecting to 450 mm Concrete Sewer		each	1		
E.23	Removal of Existing Catch Basins	CW 2130-R12	each	4		
E.24	Installation of Subdrains	CW 3120-R4	m	48		
	ADJUSTMENTS					
E.25	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	3		
E.26	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	4		
E.27	Adjustment of Valve Boxes	CW 3210-R8	each	1		
E.28	Valve Box Extensions	CW 3210-R8	each	1		
E.29	Adjustment of Curb Stop Boxes	CW 3210-R8	each	7		
E.30	Curb Stop Extensions	CW 3210-R8	each	3		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	LANDSCAPING					
E.31	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	200		
ii)	width > or = 600 mm		m²	2400		
	MISCELLANEOUS					
E.32	Hydro Excavation	E14	hr	16		
Е	CHRISLIND STREET - REGENT AVENUE W TO RAVELSTON AVENUE W, RECONSTRUCTION					

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	KERNAGHAN AVENUE - PLESSIS ROAD T RECONSTRUCTION	O ROBSON STE	REET, A	<u>SPHALT</u>		
	EARTH AND BASE WORKS					
F.1	Excavation	CW 3110-R19	m³	810		
2	Sub-Grade Compaction	CW 3110-R19	m²	1615		
3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1650		
4	Supplying and Placing Base Course Material	CW 3110-R19	m³	220		
.5	Grading of Boulevards	CW 3110-R19	m²	1370		
6	Separation Geotextile Fabric	CW 3130-R4	m²	1615		
	ROADWORKS - RENEWALS					
7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	1450		
8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	150		
9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m²	35		
b)	Greater than 20 sq.m.		m²	600		
10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	10		
.11	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	10		
.12	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205,				
a)	Less than 3 m	SD-206A	m	10		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - NEW CONSTRUCTION					
F.13	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	125		
F.14	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	25		
ii)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	8		
iii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	15		
iv)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement), Slip Form Paving	SD-200	m	350		
v)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	30		
vi)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	15		
vii)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement), Slip Form Paving	SD-200 SD-202B	m	26		
viii)	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	15		
F.15	100 mm Concrete Sidewalk	CW 3325-R5	m²	20		
F.16	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
а	Type IA		tonne	350		
ii)	Tie-ins and Approaches					
а	Type IA		tonne	10		
	JOINT AND CRACK SEALING					
F.17	Reflective Crack Maintenance	CW 3250-R7	m	200		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
F.18	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	2		
F.19	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a) F.20	In a Trench, Class B Bedding, Class 3 Backfill Frames & Covers	CW3210-R8	m	15		
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	1		
F.21	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		
F.22	Removal of Existing Catch Basins	CW 2130-R12	each	2		
F.23	Installation of Subdrains	CW 3120-R4	m	24		
	ADJUSTMENTS					
F.24	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	1		
F.25	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	2		
F.26	Adjustment of Valve Boxes	CW 3210-R8	each	1		
F.27	Valve Box Extensions	CW 3210-R8	each	1		
F.28	Adjustment of Curb Stop Boxes	CW 3210-R8	each	12		
F.29	Curb Stop Extensions	CW 3210-R8	each	3		
	LANDSCAPING					
F.30	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	50		
ii)	width > or = 600 mm		m²	1800		
	MISCELLANEOUS					
F.31	Hydro Excavation	E14	hr	16		
F	KERNAGHAN AVENUE - PLESSIS ROAD T RECONSTRUCTION	O ROBSON STR	REET, A	SPHALT_	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G	PINECREST BAY - DONWOOD DRIVE TO D	OONWOOD DRIN	/E, ASPI	<u>HALT</u>		
	EARTH AND BASE WORKS					
G.1	Excavation	CW 3110-R19	m³	1190		
G.2	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1000		
ii)	100 mm		tonne	2000		
3 .3	Supplying and Placing Base Course Material	CW 3110-R19	m³	300		
6.4	Grading of Boulevards	CW 3110-R19	m²	2200		
6.5	Separation Geotextile Fabric	CW 3130-R4	m²	2635		
9 .6	Supply and Install Geogrid	CW 3135-R1	m²	2635		
	ROADWORKS - RENEWALS					
6.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	2580		
5.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	200		
6.9	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	40		
5.10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	20		
G.11	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	10		
S.12	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205,				
a)	Less than 3 m	SD-206A	m	10		
G.13	Regrading Existing Interlocking Paving	CW 3330-R5	m²	50		
6.14	Stones Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	20		
G.15	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	135		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	ROADWORKS - NEW CONSTRUCTION					
9.16	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	675		
G.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement), Slip Form Paving	SD-200	m	350		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	40		
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	105		
iv)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement), Slip Form Paving	SD-200 SD-202B	m	160		
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	14		
6.18	Lean Concrete Base	CW 3335-R1	m²	40		
6.19 i)	Construction of Asphaltic Concrete Pavements Main Line Paving	CW 3410-R11				
a)	Type IA		tonne	540		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	10		
	JOINT AND CRACK SEALING					
6.20	Reflective Crack Maintenance	CW 3250-R7	m	310		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
6.21	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	1		
ii)	SD-024, 1800 mm deep		each	3		
.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Bedding, Class 3 Backfill		m	25		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.23	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	1		
G.24	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1		
G.25	Removal of Existing Catch Basins	CW 2130-R12	each	4		
G.26	Installation of Subdrains	CW 3120-R4	m	48		
	ADJUSTMENTS					
G.27	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	1		
G.28	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	2		
G.29	Adjustment of Valve Boxes	CW 3210-R8	each	1		
G.30	Valve Box Extensions	CW 3210-R8	each	1		
	LANDSCAPING					
G.31	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	200		
ii)	width > or = 600 mm		m²	2000		
	MISCELLANEOUS					
G.32	Hydro Excavation	E14	hr	16		
G	PINECREST BAY - DONWOOD DRIVE TO D	ONWOOD DRIV	/E, ASPI	<u>HALT</u>	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Н	WATER AND WASTE WORK					
	AMELIA CRESCENT - SEWER REPAIR (MA	40005871)				
H.1	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	250 mm					
a)	Class 3 Backfill		each	1		
H.2	Sewer Inspection (following repair)	CW2145-R3				
i)	250 mm, Concrete		m	91		
	CHRISLIND STREET - SEWER REPAIR (MA	40012313 & MA	4001230	03)		
H.3	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	200 mm					
a)	Class 3 Backfill		each	1		
ii)	525 mm					
a)	Class 3 Backfill		each	1		
H.4	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	525 mm					
a)	Class 3 Backfill		m	2		
H.5	Sewer Inspection (following repair)	CW2145-R3				
i)	200 mm, Concrete		m	90		
ii)	525 mm, Concrete		m	120		
	MONCTON AVENUE - SEWER REPAIR (MA	40007927)				
H.6	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	450 mm					
a)	Class 3 Backfill		each	1		
H.7	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	450 mm					
a)	Class 3 Backfill		m	6		
H.8	Sewer Inspection (following repair)	CW2145-R3				
i)	450 mm, Concrete		m	106		
	CHRISLIND STREET - WATERMAIN AND W	ATER SERVICE	INSULA	ATION		
H.9	Watermain and Water Service Insulation	E13				
i)	Pipe Under Roadway Excavation (SD-018)		m²	125		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	KERNAGHAN AVENUE - WATERMAIN AND					
H.10	Watermain and Water Service Insulation	E13				
i)	Pipe Under Roadway Excavation (SD-018)		m²	180		
	PINECREST BAY - WATERMAIN AND WATE	ER SERVICE IN	SULATIO	ON		
H.11	Watermain and Water Service Insulation	E13				
i)	Pipe Under Roadway Excavation (SD-018)		m²	455		
Н	WATER AND WASTE WORK		•		Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2	MANITOBA HYDRO FUNDED (See B10.5, B17.2.1, B18.4, D2,	_				
ı	PINECREST BAY - DONWOOD DRIVE TO DE	ONWOOD DR	IVE, STRI	<u>EET</u>		
1	Removal of 25' to 35' street light pole and precase, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and	E15	each	7		
2	Installation of 50mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex)	E15	m	369		
3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appertenances	E15	each	7		
4	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	E15	each	3		
5	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10	E15	each	7		
6	Installation of overhead span of #4 duplex between new or existing street light poles and connect luminaire to provide temporary	E15	per span	8		
7	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed	E15	per span	8		
8	Expose underground cable entrance of existing streetlight pole and install new	E15	each	1		
ı	PINECREST BAY - DONWOOD DRIVE TO D	ONWOOD DR	IVE, STRI	EET_	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	SU	MMARY				
PART 1	1 CITY FUNDED WORK					
Α	AMELIA CRESCENT - TU-PELO AVENUE TO McCREEDY ROAD, REHABILITATION Sub			Subtotal:		
В	CHORNICK DRIVE - McIVOR AVENUE TO G	ILMORE AVE	NUE, REF	IABILITATION	Subtotal:	
С	McCREEDY ROAD - TU-PELO AVENUE TO A REHABILITATION	AMELIA CRES	CENT (N	ORTH LEG),	Subtotal:	
D	MONCTON AVENUE - GATEWAY ROAD TO	GREY STREE	T, REHAE	BILITATION	Subtotal:	
E	CHRISLIND STREET - REGENT AVENUE W RECONSTRUCTION	TO RAVELST	ON AVEN	UE W,	Subtotal:	
F	KERNAGHAN AVENUE - PLESSIS ROAD TO RECONSTRUCTION	ROBSON ST	REET, AS	SPHALT_	Subtotal:	
G	PINECREST BAY - DONWOOD DRIVE TO DO RECONSTRUCTION	ONWOOD DR	VE, ASPI	HALT_	Subtotal:	
Н	WATER AND WASTE WORK				Subtotal:	
				(total	price) PART 1	
PART 2	MANITOBA HYDRO FUNDED (See B10.5, B17.2.1, B18.4, D2					
I	PINECREST BAY - DONWOOD DRIVE TO DO	ONWOOD DR	VE, STRE	<u>ET</u>	Subtotal:	
				(total	price) PART 2	
ΓΟΤΑL BI	ID PRICE (GST extra)		(in figures)		

(Seal)

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FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2) (See B13)

BID BOND				
KNOW ALL MEN BY THESE PRESENTS	ГНАТ			
(hereinafter called the "Principal") and				
the "Obligee") in the sum of ten percent (10	d firmly bound unto THE CITY OF WINNIPEG (here %) of the Total Bid Price set out in the Bid hereinaftend Surety bind themselves, their heirs, executors, addly, firmly by these presents.	er described,		
WHEREAS the Principal has submitted a B	id to the Obligee for			
BID OPPORTUNITY NO. 366-2017				
2017 Local Streets Renewal Program: Ame	elia Crescent, Pinecrest Bay, and Various Other Loc	ations		
as more fully set out in the Bid Opportunity.				
if said Bid is accepted and the Principal, in the said Obligee and furnishes the required	oligation is such that if the Bid of the Principal is not accordance with the terms of the Bid, enters into a Governmence security for guaranteeing the faithful, but otherwise shall remain in full force and effect.	Contract with		
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)

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2) (See B13)

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. 366-2017 2017 Local Streets Renewal Program: Amelia Crescent, Pinecrest Bay, 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 ______, 20_____. (Name of Surety)

(Seal) (Attorney-in-Fact)

FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 1 of 2) (See B13)

(Date)	
Corpor Materia 185 Kii	ty of Winnipeg rate Finance Department als Management Division ng Street, Main Floor neg MB R3B 1J1
RE:	BID SECURITY – BID OPPORTUNITY NO. 366-2017
Locatio	2017 Local Streets Renewal Program: Amelia Crescent, Pinecrest Bay, and Various Other ons
Pursua	ant to the request of and for the account of our customer,
(Name o	of Bidder)
WE HE	s of Bidder) EREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding aggregate
	Canadian dollars.
for pay for the inquirir	tandby Letter of Credit may be drawn on by you at any time and from time to time upon written demand ment made upon us by you. It is understood that we are obligated under this Standby Letter of Credit payment of monies only and we hereby agree that we shall honour your demand for payment without no whether you have a right as between yourself and our customer to make such demand and without hizing any claim of our customer or objection by the customer to payment by us.
	nount 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.
	gage with you that all demands for payment made within the terms and currency of this Standby Letter dit will be duly honoured if presented to us at:
(Address	s)

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 B13)

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 August 6, 2017.

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)