Template Version: C420180115 - RW

FORM A: BID (See B8)

1.	Contract Title	2018 Local Streets Package – Dominion Street, Ashburn 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 Code
		Email Address of Bidder
		Facsimile Number
	(Mailing address if different)	Street or P.O. Box
		City Province Postal Code
	(Change and)	The Bidder is:
	(Choose one)	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 represen the Bidder for purposes of the Bid.
		Contact Person Title
		Telephone Number Facsimile Number
4.	Definitions	All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions.
5.	Offer	The Bidder hereby offers to perform the Work in accordance with the Contract for the Total Bid Price, in Canadian funds, set out on Form B Prices, appended hereto.

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6.	Bid Security	In accordance with B12.1, the Bidder encloses bid security in the form of:
	(Choose one)	a bid bond (Form G1: Bid Bond and Agreement to Bond)
		an irrevocable standby letter of credit (Form G2: Irrevocable Standby Letter of Credit and Undertaking)
		a certified cheque or draft
		and agrees that it shall be held by the City in accordance with the Contract.
7.	Execution of Contract	The Bidder agrees to execute and return the Contract no later than seven (7) Calendar Days after receipt of the Contract, in the manner specified in C4.
8.	Commencement of the Work	The Bidder agrees that no Work shall commence until he/she is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.
9.	Contract	The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.
10.	Addenda	The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:
		No Dated
11.	Time	This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.
12.	Indigenous Self- Declaration	The City is requesting that Bidders identify if their business is at least 51% owned by one or more Indigenous persons of Canada.
		YES, 51% or more Indigenous ownership
		NO, it is not
		This information is being gathered for statistical purposes only and will not be used for purposes of evaluation.

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13.	Signatures	The Bidder or the Bidder's authorized official or officials have signed this
		, day of, 20
		Signature of Bidder or Bidder's Authorized Official or Officials
		(Print here name and official capacity of individual whose signature appears above)
		(Print here name and official capacity of individual whose signature appears above)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART '	1 CITY FUNDED WORK	<u>'</u>				
A	ASHBURN STREET - ELLICE AVE TO SAF	RGENT AVE - AS	<u>SPHALT</u>	.		
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R19	m³	1725		
A.2	Sub-Grade Compaction	CW 3110-R19	m²	3300		
A.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	2375		
A.4	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m³	350		
A.5	Grading of Boulevards	CW 3110-R19	m²	3200		
A.6	Separation Geotextile Fabric	CW 3130-R4	m²	3300		
A.7	Supply and Install Geogrid	CW 3135-R1	m²	3300		
	ROADWORKS - RENEWALS					
A.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	2950		
A.9	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	35		
A.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a	Less than 5 sq.m.		m²	75		
b	5 sq.m. to 20 sq.m.		m²	20		
c	Greater than 20 sq.m.		m²	1200		
A.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	10		
A.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	5		
A.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	5		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	10		
A.14	Interlocking Paving Stones	CW 3335-R1	m²	5		
A.15	Concrete Curb Renewal	CW 3240-R10				
i)	Modified Barrier (180 mm reveal ht, Dowelled)	SD-203B	m	5		
ii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	15		
A.16	Detectable Warning Surface Tiles	CW 3326-R3	each	10		
	ROADWORKS - NEW CONSTRUCTION					
A.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)	SD-200	m	780		
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	40		
iii)	Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229E	m	40		
A.18	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	625		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	10		
	JOINT AND CRACK SEALING					
A.19	Reflective Crack Maintenance	CW 3250-R7	m	1100		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	10		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	30		
b)	Trenchless Installation		m	20		
A.22	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert. m	11.0		
A.23	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		
A.24	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 300 mm Concrete Combined Sewer		each	4		
b)	Connecting to 375 mm Concrete Combined Sewer		each	4		
A.25	Installation of Subdrains	CW 3120-R4	m	120		
A.26	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	7		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	7		
A.27	Removal of Existing Catch Basins	CW 2130-R12	each	10		
A.28	Removal of Existing Catch Pit	CW 2130-R12	each	1		
A.29	Abandoning Existing Drainage Inlets	CW 2130-R12	each	9		
A.30	Abanoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	10		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
A.31	Solid Debris Removal - Up to 3.0 Meters	CW 2130-R12				
	Long					
i)	200 mm CB Lead		each	1		
A.32	Sewer Inspection	CW2145-R4				
i)	200 mm, CB Lead		m	45		
	ADJUSTMENTS					
	ADJUSTMENTS					
A.33	Adjustment of Manholes/Catch Basins	CW 3210-R8	each	7		
	Frames					
A.34	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	4		
A.35	Adjustment of Valve Boxes	CW 3210-R8	each	6		
A.36	Valve Box Extensions	CW 3210-R8	each	3		
A.37	Adjustment of Curb Stop Boxes	CW 3210-R8	each	34		
A.38	Curb Stop Extensions	CW 3210-R8	each	17		
A.39	Replacing Existing Catch Basin Hoods	CW 2130-R12	each	2		
	LANDOGADING					
	LANDSCAPING					
A.40	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	475		
ii)	width > or = 600 mm		m²	2725		
	ASHBURN STREET - ELLICE AVE TO SAR	GENT AVE - AS	<u>PHAL</u> T			
Α	<u>RECONSTRUCTION</u>				Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
В	DOMINION STREET - YARWOOD AVE TO RECONSTRUCTION	NOTRE DAME	AVE - AS	SPHALT		
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R19	m³	2200		
B.2	Sub-Grade Compaction	CW 3110-R19	m²	4200		
B.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	3000		
B.4	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m³	425		
B.5	Grading of Boulevards	CW 3110-R19	m²	4300		
B.6	Separation Geotextile Fabric	CW 3130-R4	m²	4200		
B.7	Supply and Install Geogrid	CW 3135-R1	m²	4200		
	ROADWORKS - RENEWALS					
B.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	3730		
B.9	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	25		
B.10	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	50		
ii)	20 M Deformed Tie Bar		each	15		
B.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
а	Less than 5 sq.m.		m²	105		
b	5 sq.m. to 20 sq.m.		m²	185		
С	Greater than 20 sq.m.		m²	480		
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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.12	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	12		
B.13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	3		
B.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	5		
B.15	Interlocking Paving Stones	CW 3335-R1	m²	2		
B.16	Construction of Asphalt Patches	CW 3410-R12	m²	12		
B.17	Detectable Warning Surface Tiles	CW 3326-R3	each	2		
	ROADWORKS - NEW CONSTRUCTION					
B.18	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72 hr (Reinforced)		m²	40		
ii)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m²	80		
B.19	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	45		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	850		
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	75		
iv)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	45		
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	45		
vi)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	25		
B.20	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	725		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	45		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	JOINT AND CRACK SEALING					
3.21	Reflective Crack Maintenance	CW 3250-R7	m	1300		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
3.22	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	8		
3.23	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	20		
b)	Trenchless Installation		m	20		
3.24	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert. m	14.0		
3.25	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 300 mm Clay Combined Sewer		each	4		
b)	Connecting to 375 mm Clay Combined Sewer		each	4		
3.26	Installation of Subdrains	CW 3120-R4	m	96		
3.27	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	6		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	6		
3.28	Removal of Existing Catch Basins	CW 2130-R12	each	8		
3.29	Abandoning Existing Drainage Inlets	CW 2130-R12	each	8		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
B.30	Abanoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	8		
	ADJUSTMENTS					
B.31	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	6		
B.32	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.6		
B.33	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	6		
B.34	Adjustment of Valve Boxes	CW 3210-R8	each	9		
B.35	Valve Box Extensions	CW 3210-R8	each	5		
B.36	Adjustment of Curb Stop Boxes	CW 3210-R8	each	30		
B.37	Curb Stop Extensions	CW 3210-R8	each	15		
B.38	Replacing Existing Catch Basin Hoods	CW 2130-R12	each	2		
	LANDSCAPING					
B.39	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	275		
ii)	width > or = 600 mm		m²	4025		
	DOMINION STREET - YARWOOD AVE TO	NOTRE DAME	11/E A S	DUALT		
В	RECONSTRUCTION	NOTRE DAME	TVE - AS	<u> FRALI</u>	Subtotal:	
	RECONSTRUCTION					

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
С	SHERBURN STREET - SARGENT AVE TO REHABILITATION	CUMBERLAND	AVE -			
C.1	EARTH AND BASE WORKS Excavation	CW 3110-R19	m³	1650		
C.2	Sub-Grade Compaction	CW 3110-R19	m²	3200		
C.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	2300		
C.4	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m³	330		
C.5	Grading of Boulevards	CW 3110-R19	m²	2950		
C.6	Separation Geotextile Fabric	CW 3130-R4	m²	3200		
C.7	Supply and Install Geogrid	CW 3135-R1	m²	3200		
	ROADWORKS - RENEWALS					
C.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	2900		
C.9	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	48		
C.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
а) Less than 5 sq.m.		m²	50		
b) 5 sq.m. to 20 sq.m.		m²	175		
С	Greater than 20 sq.m.		m²	525		
C.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	20		
C.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	10		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.13	Concrete Curb Renewal	CW 3240-R10	_			
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	5		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	10		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	30		
C.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	8		
C.15	Interlocking Paving Stones	CW 3330-R5	m²	4		
C.16	Detectable Warning Surface Tiles	CW 3326-R3	each	16		
	ROADWORKS - NEW CONSTRUCTION					
C.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Curb and Gutter (180mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	730		
ii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150	SD-200 SD-203B	m	15		
iii)	mm Plain Concrete Pavement) Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150	SD-200 SD-229E	m	35		
C.18	mm Plain Concrete Pavement) Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	605		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	10		
	JOINT AND CRACK SEALING					
C.19	Reflective Crack Maintenance	CW 3250-R7	m	1000		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
C.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	8		
C.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	50.0		
b)	Trenchless Installation		m	10.0		
C.22	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert. m	27.0		
C.23	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	4		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	4		
C.24	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 2250 mm Concrete Sewer Relief Sewer		each	8		
C.25	Removal of Existing Catch Basins	CW 2130-R12	each	7		
C.26	Abandoning Existing Drainage Inlets	CW 2130-R12	each	6		
C.27	Abanoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	4		
C.28	Installation of Subdrains	CW 3120-R4	m	96		
	ADJUSTMENTS					
C.29	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	6		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.30	Replacing Existing Risers	CW 2130-R12		QUANTITY		
i)	Pre-cast Concrete Risers		vert. m	1.0		
C.31	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	4		
C.32	Adjustment of Valve Boxes	CW 3210-R8	each	8		
C.33	Valve Box Extensions	CW 3210-R8	each	4		
C.34	Adjustment of Curb Stop Boxes	CW 3210-R8	each	50		
C.35	Curb Stop Extensions	CW 3210-R8	each	10		
C.36	Patching of Existing Manholes	CW 2130-R12	vert. m	1.0		
	LANDSCAPING					
C.37	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	250		
ii)	width > or = 600 mm		m²	2700		
С	SHERBURN STREET - SARGENT AVE TO REHABILITATION	Subtotal:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	SPENCE STREET - SARGENT AVE TO WE	LLINGTON AVE	- ASPH	<u>IALT</u>		
	RECONSTRUCTION	1	Ī			
	EARTH AND BASE WORKS	01110110 010				
D.1	Excavation	CW 3110-R19	m³	1075		
D.2	Sub-Grade Compaction	CW 3110-R19	m²	2050		
D.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1325		
D.4	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m³	215		
D.5	Grading of Boulevards	CW 3110-R19	m²	1825		
D.6	Separation Geotextile Fabric	CW 3130-R4	m²	2050		
D.7	Supply and Install Geogrid	CW 3135-R1	m²	2050		
	ROADWORKS - RENEWALS					
D.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	1950		
D.9	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	25		
D.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	35		
b)	5 sq.m. to 20 sq.m.		m²	110		
c)	Greater than 20 sq.m.		m²	245		
D.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	15		
D.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	5		
D.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	10		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.14	Interlocking Paving Stones	CW 3330-R5	m²	1		
D.15	Construction of Asphalt Patches	CW 3410-R12	m²	15		
	ROADWORKS - NEW CONSTRUCTION					
D.16	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m²	160		
D.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)	SD-200	m	400		
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	15		
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	55		
iv)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	45		
v)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	25		
D.18	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a	Type IA		tonne	380		
ii)	Tie-ins and Approaches					
a	Type IA		tonne	5		
	JOINT AND CRACK SEALING					
D.19	Reflective Crack Maintenance	CW 3250-R7	m	600		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
0.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	4		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.21	Catch Pit	CW 2130-R12				
i)	SD-023		each	2		
D.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	10		
D.23	Drainage Connection Pipe	CW 2130-R12	m	4		
D.24	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	8		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	8		
D.25	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	4		
D.26	Installation of Subdrains	CW 3120-R4	m	48		
D.27	Removal of Existing Catch Basins	CW 2130-R12	each	6		
D.28	Abandoning Existing Drainage Inlets	CW 2130-R12	each	5		
D.29	Abanoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	2		
	ADJUSTMENTS					
D.30	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	8		
D.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.5		
D.32	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	4		
D.33	Adjustment of Valve Boxes	CW 3210-R8	each	3		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.34	Valve Box Extensions	CW 3210-R8	each	1		
D.35	Adjustment of Curb Stop Boxes	CW 3210-R8	each	25		
D.36	Curb Stop Extensions	CW 3210-R8	each	10		
	LANDSCAPING					
D.37	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	100		
ii)	width > or = 600 mm		m²	1725		
_	SPENCE STREET - SARGENT AVE TO WE	0.1.1.1				
D	<u>RECONSTRUCTION</u>	Subtotal:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	BURROWS AVENUE EASTBOUND - POWE REHABILITATION	ERS ST TO AIKI	NS ST -			
	EARTH AND BASE WORKS					
E.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	10		
≣.2	Grading of Boulevards	CW 3110-R19	m²	1100		
≣.3	Imported Fill Material	CW 3110-R19	m³	100		
	ROADWORKS - RENEWALS					
E.4	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	270		
E.5	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m²	275		
E.6	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m²	15		
ii)	200 mm Concrete Pavement (Type B)		m²	210		
iii)	200 mm Concrete Pavement (Type C)		m²	20		
iv)	200 mm Concrete Pavement (Type D)		m²	75		
≣.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	400		
E.8	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	165		
ii)	20 M Deformed Tie Bar		each	845		
ii)	20 M Deformed Tie Bar		each	845		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Ē.9	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205	m	45		
ii)	Barrier (180 mm reveal ht, Dowelled)	SD-205	m	45		
iii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	20		
E.10	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	10		
b)	3 m to 30 m		m	85		
ii)	Barrier (100 mm reveal ht, Separate)	SD-203A				
a)	Less than 3 m		m	5		
b)	3 m to 30 m		m	10		
iii)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	20		
b)	3 m to 30 m		m	90		
c)	Greater than 30 m		m	280		
iv)	Barrier (150 mm reveal ht, Separate)	SD-203A				
a)	Less than 3 m		m	5		
b)	3 m to 30 m		m	10		
v)	Modified Barrier (100 mm reveal ht, Dowelled)	SD-203B	m	105		
vi)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	105		
vii)	Splash Strip (150 mm reveal ht, Monolithic Barrier Curb, 1000 mm width)	SD-223A	m	25		
viii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	35		
ix)	Curb and Gutter (8-12 mm reveal ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	15		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.11	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m²	10		
ii)	Bullnose	SD-227C	m²	1		
E.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	55		
b)	5 sq.m. to 20 sq.m.		m²	230		
c)	Greater than 20 sq.m.		m²	100		
ii)	150 mm Reinforced Sidewalk					
a)	Less than 5 sq.m.		m²	5		
b)	5 sq.m. to 20 sq.m.		m²	35		
E.13	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	5		
E.14	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	3		
E.15	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	3		
E.16	Interlocking Paving Stones	CW 3330-R5	m²	2		
E.17	Construction of Asphalt Patches	CW 3410-R12	m²	5		
E.18	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	635		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	140		
E.19	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Concrete)		m²	140		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
.20	Detectable Warning Surface Tiles	CW 3326-R3	each	12		
	JOINT AND CRACK SEALING					
.21	Reflective Crack Maintenance	CW 3250-R7	m	1100		
.22	Longitudinal Joint & Crack Filling (> 25 mm in width)	CW 3250-R7	m	140		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
.23	Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
.24	Drainage Connection Pipe	CW 2130-R12	m	1		
.25	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	5		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	4		
iii)	AP-008 - Standard Grated Cover for Standard Frame		each	7		
iv)	AP-011 - Barrier Curb and Gutter Frame		each	5		
v)	AP-012 - Barrier Curb and Gutter Cover		each	5		
.26	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1		
.27	Abandoning Existing Drainage Inlets	CW 2130-R12	each	2		
.28	Sewer Inspection	CW2145-R4				
i)	200 mm, CB Lead		m	9		
ii)	250 mm, CB Lead		m	28		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
E.29	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	10		
E.30	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
E.31	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	5		
ii)	64 mm		each	1		
E.32	Adjustment of Valve Boxes	CW 3210-R8	each	11		
E.33	Valve Box Extensions	CW 3210-R8	each	6		
E.34	Adjustment of Curb Stop Boxes	CW 3210-R8	each	20		
E.35	Curb Stop Extensions	CW 3210-R8	each	10		
E.36	Patching of Existing Manholes	CW 2130-R12	vert. m	1.0		
E.37	Replacing Existing Catch Basin Hoods	CW 2130-R12	each	3		
	LANDSCAPING					
E.38	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	15		
ii)	width > or = 600 mm		m²	985		
E	BURROWS AVENUE EASTBOUND - POW	L ERS ST TO AIK	INS ST -		Subtotal:	
_	<u>REHABILITATION</u>				oubtota.	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	RUPERTSLAND AVENUE - McGREGOR ST	TO POWERS	ST - ASF	PHALT		
	EARTH AND BASE WORKS					
F.1	Excavation	CW 3110-R19	m³	2775		
F.2	Sub-Grade Compaction	CW 3110-R19	m²	3325		
=.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1200		
ii)	100 mm		tonne	3600		
- .4	Supplying and Placing Base Course Material	CW 3110-R19	m³	350		
- .5	Grading of Boulevards	CW 3110-R19	m²	2000		
- .6	Separation Geotextile Fabric	CW 3130-R4	m²	3325		
=.7	Supply and Install Geogrid	CW 3135-R1	m²	3325		
	ROADWORKS - RENEWALS					
8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	2950		
9	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	35		
10	Concrete Curb Renewal	CW 3240-R10				
i)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	15		
₹.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
а	Less than 5 sq.m.		m²	25		
b	5 sq.m. to 20 sq.m.		m²	150		
С	Greater than 20 sq.m.		m²	130		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.12	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	25		
F.13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	8		
₹.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	5		
⁻ .15	Interlocking Paving Stones	CW 3335-R1	m²	2		
- .16	Detectable Warning Surface Tiles	CW 3326-R3	each	8		
	ROADWORKS - NEW CONSTRUCTION					
F.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)	SD-200	m	790		
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	30		
iii)	Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229E	m	30		
F.18	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	625		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	10		
	JOINT AND CRACK SEALING					
F.19	Reflective Crack Maintenance	CW 3250-R7	m	1050		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
F.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	8		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	25		
b)	Trenchless Installation		m	15		
22	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert. m	8.0		
F.23	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 300 mm Combined Sewer		each	8		
F.24	Installation of Subdrains	CW 3120-R4	m	96		
F.25	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	4		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	4		
F.26	Removal of Existing Catch Basins	CW 2130-R12	each	8		
F.27	Abandoning Existing Drainage Inlets	CW 2130-R12	each	8		
F.28	Abanoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	8		
29	Solid Debris Removal - Up to 3.0 Meters Long	CW 2130-R12				
a)	200 mm CB Lead		each	1		
30	Sewer Inspection	CW2145-R4				
i)	300 mm, CB Lead		m	50		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
F.31	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	4		
F.32	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.6		
F.33	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	4		
F.34	Adjustment of Valve Boxes	CW 3210-R8	each	5		
F.35	Valve Box Extensions	CW 3210-R8	each	3		
F.36	Adjustment of Curb Stop Boxes	CW 3210-R8	each	3		
F.37	Curb Stop Extensions	CW 3210-R8	each	1		
F.38	Patching of Existing Manholes	CW 2130-R12	vert. m	0.5		
	LANDSCAPING					
F.39	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	125		
ii)	width > or = 600 mm		m²	1875		
F.40	Polyethylene Waterline	CW 3530-R3	m	20		
F.41	Sprinkler Assemblies	CW 3530-R3	each	5		
F.42	Stump Removal	E10	each	2		
F	RUPERTSLAND AVENUE - McGREGOR S RECONSTRUCTION	T TO POWERS	ST - ASF	PHALT	Subtotal:	

0011 5511 41/51115 101/50 07 70 4440			QUANTITY		
COLLEEN AVENUE - JONES ST TO MAC	ST - CONCRETE	RECO	NSTRUCTION		
EARTH AND BASE WORKS					
Excavation	CW 3110-R19	m³	1100		
Sub-Grade Compaction	CW 3110-R19	m²	2150		
Crushed Sub-base Material	CW 3110-R19				
50 mm - Limestone		tonne	1510		
Supplying and Placing Limestone Base Course Material	CW 3110-R19	m³	165		
Grading of Boulevards	CW 3110-R19	m²	740		
Separation Geotextile Fabric	CW 3130-R4	m²	2150		
Supply and Install Geogrid	CW 3135-R1	m²	550		
ROADWORKS - RENEWALS					
Pavement Removal	CW 3110-R19				
Concrete Pavement		m²	45		
Asphalt Pavement		m²	1750		
Drilled Tie Bars	CW 3230-R8				
15 M Deformed Tie Bar		each	5		
20 M Deformed Tie Bar		each	150		
Miscellaneous Concrete Slab Renewal	CW 3235-R9				
100 mm Sidewalk	SD-228A				
Less than 5 sq.m.		m²	1		
5 sq.m. to 20 sq.m.		m²	10		
	Excavation Sub-Grade Compaction Crushed Sub-base Material 50 mm - Limestone Supplying and Placing Limestone Base Course Material Grading of Boulevards Separation Geotextile Fabric Supply and Install Geogrid ROADWORKS - RENEWALS Pavement Removal Concrete Pavement Asphalt Pavement Drilled Tie Bars 15 M Deformed Tie Bar 20 M Deformed Tie Bar Miscellaneous Concrete Slab Renewal 100 mm Sidewalk Less than 5 sq.m.	Excavation CW 3110-R19 Sub-Grade Compaction CW 3110-R19 Crushed Sub-base Material CW 3110-R19 50 mm - Limestone Supplying and Placing Limestone Base Course Material Grading of Boulevards CW 3110-R19 Separation Geotextile Fabric CW 3130-R4 Supply and Install Geogrid CW 3135-R1 ROADWORKS - RENEWALS Pavement Removal CW 3110-R19 Concrete Pavement Asphalt Pavement Drilled Tie Bars CW 3230-R8 15 M Deformed Tie Bar Miscellaneous Concrete Slab Renewal CW 3235-R9 100 mm Sidewalk SD-228A Less than 5 sq.m.	Excavation CW 3110-R19 m³ Sub-Grade Compaction CW 3110-R19 m² Crushed Sub-base Material CW 3110-R19 50 mm - Limestone tonne Supplying and Placing Limestone Base Course Material Grading of Boulevards CW 3110-R19 m² Separation Geotextile Fabric CW 3130-R4 m² Supply and Install Geogrid CW 3135-R1 m² ROADWORKS - RENEWALS Pavement Removal CW 3110-R19 Concrete Pavement m² Asphalt Pavement m² Drilled Tie Bars CW 3230-R8 15 M Deformed Tie Bar each Miscellaneous Concrete Slab Renewal CW 3235-R9 100 mm Sidewalk SD-228A Less than 5 sq.m. m²	Excavation CW 3110-R19 m³ 1100 Sub-Grade Compaction CW 3110-R19 m² 2150 Crushed Sub-base Material CW 3110-R19 m² 2150 50 mm - Limestone tonne 1510 Supplying and Placing Limestone Base Course Material CW 3110-R19 m³ 165 Course Material CW 3110-R19 m² 740 Separation Geotextile Fabric CW 3130-R4 m² 2150 Supply and Install Geogrid CW 3135-R1 m² 550 ROADWORKS - RENEWALS Pavement Removal CW 3110-R19 m² 45 Concrete Pavement m² 45 45 45 Asphalt Pavement m² 1750 1750 1750 Drilled Tie Bars CW 3230-R8 each 5 15 M Deformed Tie Bar each 5 Miscellaneous Concrete Slab Renewal CW 3235-R9 150 Miscellaneous Concrete Slab Renewal CW 3235-R9 100 mm Sidewalk SD-228A	Excavation CW 3110-R19 m³ 1100 Sub-Grade Compaction CW 3110-R19 m² 2150 Crushed Sub-base Material CW 3110-R19 tonne 1510 50 mm - Limestone tonne 1510 Supplying and Placing Limestone Base Course Material CW 3110-R19 m³ 165 Course Material CW 3110-R19 m² 740 Separation Geotextile Fabric CW 3130-R4 m² 2150 Supply and Install Geogrid CW 3135-R1 m² 550 ROADWORKS - RENEWALS Pavement Removal CW 3110-R19 m² 45 Concrete Pavement m² 45 m² 1750 Drilled Tie Bars CW 3230-R8 each 5 each 5 20 M Deformed Tie Bar each 5 each 150 Miscellaneous Concrete Slab Renewal CW 3235-R9 100 mm Sidewalk SD-228A m² 1

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.11	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	2		
b)	3 m to 30 m		m	8		
G.12	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	10		
G.13	Interlocking Paving Stones	CW 3330-R5	m²	5		
G.14	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	20		
	ROADWORKS - NEW CONSTRUCTION					
G.15	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m²	1200		
G.16	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	35		
ii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	4		
G.17	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	95		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	22		
G.18	Supply and Install Precast Concrete Parking Curbs	E9	each	28		
G.19	Line Painting	E13	l.s.	1		
	JOINT AND CRACK SEALING					
G.20	Reflective Crack Maintenance	CW 3250-R7	m	150		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	LANDSCAPING					
G.21	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	25		
ii)	width > or = 600 mm		m²	740		
G	COLLEEN AVENUE - JONES ST TO MAC S	Subtotal:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
н	KILBRIDE AVENUE - MAIN ST TO SCOTIA	ST - REHABILI	<u>TATION</u>			
	EARTH AND BASE WORKS					
H.1	Excavation	CW 3110-R19	m³	5		
1.2	Supplying and Placing Base Course Material	CW 3110-R19	m³	25		
1.3	Grading of Boulevards	CW 3110-R19	m²	610		
	ROADWORKS - RENEWALS					
1.4	Pavement Removal	CW 3110-R19				
i)	Asphalt Pavement		m²	6		
1.5	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	780		
H.6	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	5		
ii)	150 mm Concrete Pavement (Type B)		m²	25		
iii)	150 mm Concrete Pavement (Type C)		m²	8		
iv)	150 mm Concrete Pavement (Type D)		m²	150		
H.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	265		
1.8	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	30		
ii)	20 M Deformed Tie Bar		each	410		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.9	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	5		
b)	3 m to 30 m		m	130		
c)	Greater than 30 m		m	125		
ii)	Barrier (100 mm reveal ht, Separate)	SD-203A				
a)	Less than 3 m		m	12		
b)	3 m to 30 m		m	85		
c)	Greater than 30 m		m	100		
iii)	Barrier (125 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	40		
iv)	Barrier (125 mm reveal ht, Separate)	SD-203A				
a)	3 m to 30 m		m	40		
v)	Modified Barrier (100 mm reveal ht, Dowelled)	SD-203B	m	10		
vi)	Modified Barrier (100 mm reveal ht Integral)	SD-203B	m	35		
vii)	Modified Barrier (125 mm reveal ht Integral)	SD-203B	m	12		
viii)	Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	8		
ix)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	30		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	80		
b)	5 sq.m. to 20 sq.m.		m²	45		
ii)	150 mm Reinforced Sidewalk					
a)	5 sq.m. to 20 sq.m.		m²	15		
H.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	5		
H.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	3		
H.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	10		
H.14	Interlocking Paving Stones	CW 3330-R5	m²	5		
H.15	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	465		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	5		
H.16	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Concrete)		m²	10		
H.17	Pavement Repair Fabric	E14	m²	50		
	JOINT AND CRACK SEALING					
H.18	Reflective Crack Maintenance	CW 3250-R7	m	700		
H.19	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	1		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.20	Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
H.21	Sewer Service	CW 2130-R12				
i)	200 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	2		
H.22	Drainage Connection Pipe	CW 2130-R12	m	3		
H.23	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	5		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	5		
H.24	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	2		
H.25	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	200 mm		each	1		
H.26	Removal of Existing Catch Basins	CW 2130-R12	each	1		
H.27	Abandoning Existing Drainage Inlets	CW 2130-R12	each	2		
	ADJUSTMENTS					
H.28	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	5		
H.29	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.5		
H.30	Lifter Rings (AP-010)	CW 3210-R8				
i)	64 mm		each	1		
ii)	76 mm		each	2		
H.31	Adjustment of Valve Boxes	CW 3210-R8	each	4		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.32	Valve Box Extensions	CW 3210-R8	each	2		
H.33	Adjustment of Curb Stop Boxes	CW 3210-R8	each	5		
H.34	Curb Stop Extensions	CW 3210-R8	each	3		
H.35	Patching of Existing Manholes	CW 2130-R12	vert. m	1.0		
	LANDSCAPING					
H.36	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	60		
ii)	width > or = 600 mm		m²	550		
н	KILBRIDE AVENUE - MAIN ST TO SCOTIA	Subtotal:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I	JONES STREET - HARTFORD AVE TO BE RECONSTRUCTION	LMONT AVE - A	SPHAL	<u>T</u>		
	EARTH AND BASE WORKS					
.1	Excavation	CW 3110-R19	m³	410		
.2	Sub-Grade Compaction	CW 3110-R19	m²	800		
.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm - Limestone		tonne	560		
.4	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m³	80		
.5	Grading of Boulevards	CW 3110-R19	m²	550		
.6	Separation Geotextile Fabric	CW 3130-R4	m²	800		
.7	Supply and Install Geogrid	CW 3135-R1	m²	25		
	ROADWORKS - RENEWALS					
.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	680		
.9	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	25		
10	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	40		
ii)	20 M Deformed Tie Bar		each	25		
.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	5		
b)	5 sq.m. to 20 sq.m.		m²	25		
c)	Greater than 20 sq.m.		m²	170		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I.12	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	130		
	ROADWORKS - NEW CONSTRUCTION					
I.13	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m²	105		
I.14	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (200 mm ht, Integral)	SD-204	m	5		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	55		
iii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	110		
iv)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	50		
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	50		
vi)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	15		
vii)	Construction of Lip Curb (75 mm ht, Integral)	SD-202A	m	6		
I.15	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	135		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	10		
	JOINT AND CRACK SEALING					
I.16	Reflective Crack Maintenance	CW 3250-R7	m	210		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
.17	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	4		
.18	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	28		
.19	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 525 mm PVC Land Drainage Sewer		each	4		
.20	Installation of Subdrains	CW 3120-R4	m	48		
.21	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		
.22	Removal of Existing Catch Basins	CW 2130-R12	each	2		
.23	Abanoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	2		
	ADJUSTMENTS					
.24	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	1		
.25	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	1		
.26	Adjustment of Valve Boxes	CW 3210-R8	each	2		
.27	Valve Box Extensions	CW 3210-R8	each	1		
.28	Adjustment of Curb Stop Boxes	CW 3210-R8	each	1		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1.29	Curb Stop Extensions	CW 3210-R8	each	1		
	LANDSCAPING					
1.30	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	25		
ii)	width > or = 600 mm		m²	525		
I	JONES STREET - HARTFORD AVE TO BEI RECONSTRUCTION	Subtotal:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J	WATER AND WASTE WORK					
	ASHBURN STREET - ELLICE AVE 1 RECONSTRU	PHALT				
J.1	Watermain and Water Service Insulation	E11				
i)	Pipe Under Roadway Excavation (SD-018)		m²	800		
J.2	Remove and Replace Existing Manhole	CW 2130-R12				
i)	SD-010					
a) 1200mm diameter base		vert. m	4.1		
J.3	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
J.4	Patching of Existing Manholes	CW 2130-R12	vert. m	1.5		
J.5	Replace Manhole Benching	E12	each	1		
J.6	Manhole Inspection	CW 2145-R4	each	2		
	MA20009203 & MA2000920					
J.7	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	375mm					
a) Class 3 Backfill		each	3		
J.8	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	375 mm					
a) Class 3 Backfill		m	2.3		
J.9	Connecting to Existing Sewer	CW 2130-R12				
i)	150 mm Connecting Pipe					
a	Connecting to 375 mm Concrete Combined Sewer		each	2		

FORM B: PRICES

(SEE B9)

DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Sewer Inspection (following repair)	CW2145-R4				
375 mm, Concrete Combined Sewer		m	195		
DOMINION STREET - YARWOOD AVE TO RECONSTRUCTION	 NOTRE DAME /	AVE - AS	SPHALT		
Watermain and Water Service Insulation	E11				
Pipe Under Roadway Excavation (SD-018)		m²	950		
Patching of Existing Manholes	CW 2130-R12	vert. m	1.0		
Manhole Inspection	CW 2145-R4	each	1		
SHERBURN STREET - SARGENT AVE TO REHABILITATION	I WELLINGTON A	AVE -			
Watermain and Water Service Insulation	E11				
Pipe Under Roadway Excavation (SD-018)		m²	775		
	│ MBERLAND AV	E - ASP	HALT		
Watermain and Water Service Insulation	E11				
Pipe Under Roadway Excavation (SD-018)		m²	420		
Patching of Existing Manholes	CW 2130-R12	vert. m	1.2		
Replace Manhole Benching	E12	each	4		
Replacing Existing Manhole Rungs	CW 2130-R12	each	1		
Manhole Inspection	CW 2145-R4	each	4		
KILBRIDE AVENUE - MAIN ST TO SCOTIA	ST - REHABILI	TATION			
Watermain and Water Service Insulation	E11				
Pipe Under Roadway Excavation (SD-018)		m²	215		
	Sewer Inspection (following repair) 375 mm, Concrete Combined Sewer DOMINION STREET - YARWOOD AVE TO RECONSTRUCTION Watermain and Water Service Insulation Pipe Under Roadway Excavation (SD-018) Patching of Existing Manholes Manhole Inspection SHERBURN STREET - SARGENT AVE TO REHABILITATION Watermain and Water Service Insulation Pipe Under Roadway Excavation (SD-018) SPENCE STREET - SARGENT AVE TO CURECONSTRUCTION Watermain and Water Service Insulation Pipe Under Roadway Excavation (SD-018) Patching of Existing Manholes Replace Manhole Benching Replacing Existing Manhole Rungs Manhole Inspection KILBRIDE AVENUE - MAIN ST TO SCOTIA Watermain and Water Service Insulation	Sewer Inspection (following repair) Sewer Inspection (following repair) CW2145-R4 375 mm, Concrete Combined Sewer DOMINION STREET - YARWOOD AVE TO NOTRE DAME ARECONSTRUCTION Watermain and Water Service Insulation Pipe Under Roadway Excavation (SD-018) Patching of Existing Manholes CW 2130-R12 Manhole Inspection CW 2145-R4 SHERBURN STREET - SARGENT AVE TO WELLINGTON AREHABILITATION Watermain and Water Service Insulation E11 Pipe Under Roadway Excavation (SD-018) SPENCE STREET - SARGENT AVE TO CUMBERLAND AVECONSTRUCTION Watermain and Water Service Insulation E11 Pipe Under Roadway Excavation (SD-018) Patching of Existing Manholes CW 2130-R12 Replace Manhole Benching E12 Replacing Existing Manhole Rungs CW 2130-R12 Manhole Inspection CW 2145-R4 KILBRIDE AVENUE - MAIN ST TO SCOTIA ST - REHABILI Watermain and Water Service Insulation E11	DESCRIPTION SPEC. REF. UNIT REF.	DESCRIPTION	REF. QUANTITY

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	MA00001051 & MA00001056					
J.21	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	300 mm					
a)	Class 3 Backfill		each	3		
J.22	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	300 mm					
a)	Class 3 Backfill		m	3.2		
J.23	Connecting to Existing Sewer	CW 2130-R12				
i)	150 mm Connecting Pipe					
a)	Connecting to 300 mm Combined Sewer		each	2		
J.24	Sewer Inspection (following repair)	CW2145-R4				
i)	375 mm, Concrete Combined Sewer		m	170		
	RUPERTSLAND AVENUE- McGREGOR ST RECONSTRUCTION	TO POWERS S	T - ASP	HALT		
J.25	Watermain and Water Service Insulation	E11				
i)	Pipe Under Roadway Excavation (SD-018)		m²	650		
	JONES STREET - HARTFORD AVE TO BEI RECONSTRUCTION	I ∟MONT AVE - A	SPHAL	 		
J.26	Watermain and Water Service Insulation	E11				
i)	Pipe Under Roadway Excavation (SD-018)		m²	25		
J	WATER AND WASTE WORK			L	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2	2 MANITOBA HYRDO FUNDED (See B9.5, B15.2.1, B16.4, D2,		16.4)		ı	
K	ASHBURN STREET - ELLICE AVE TO SARG	<u>GENT AVE - S</u>	TREET L	<u>IGHTING</u>		
K.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E15	each	7		
K.2	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E15	m	419		
K.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E15	each	8		
K.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 ground rod.	E15	each	1		
K.5	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.	E15	each	1		
K.6	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E15	set	7		
K.7	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary Overhead Feed.	E15	per span	8		
K.8	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary Overhead Feed.	E15	per span	8		
K	ASHBURN STREET - ELLICE AVE TO SAR	GENT AVE - S	STREET L	IGHTING	Subtotal:	

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
L	DOMINION STREET - YARWOOD AVE TO N	NOTRE DAME	AVE - S1	REET		
L	<u>LIGHTING</u>					
L.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel	E15	each	7		
	power installed base or direct buried					
L.2	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E15	m	550		
L.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E15	each	7		
L.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 ground rod.	E15	each	7		
L.5	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.	E15	each	1		
L.6	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E15	set	7		
L.7	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary Overhead Feed.	E15	per span	7		
L.8	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary Overhead Feed.	E15	per span	7		
L	DOMINION STREET - YARWOOD AVE TO N	NOTRE DAME	AVE - S1	<u>reet</u>	Subtotal:	

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
М	RUPERTSLAND AVENUE - McGREGOR ST					
IVI	<u>LIGHTING</u>					
M.1	Removal of 25' to 35' street light pole and	E15	each	8		
	precast, poured in place concrete, steel					
	power installed base or direct buried					
	including davit arm, luminaire and					
M.2	appurtenances Installation of 50 mm conduit(s) by boring	E15	m	490		
101.2	method complete with cable insertion (#4 AL	LIJ		430		
	C/N or 1/0 AL Triplex).					
M.3	Installation of 25'/35' pole, davit arm and	E15	each	8		
	precast concrete base including luminaire					
	and appurtenances.					
M.4	Install lower 3 m of Cable Guard, ground lug,	E15	each	1		
	cable up pole, and first 3 m section of ground					
	rod per Standard CD 315-5.	E45				
M.5	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4,	E15	set	8		
	CD310-9 or CD310-10.					
M.6	Installation of overhead span of #4 duplex	E15	per	9		
	between new or existing streetlight poles and		span			
	connect luminaire to provide temporary					
	Overhead Feed.					
M.7	Removal of overhead span of #4 duplex	E15	per	9		
	between new or existing streetlight poles to remove temporary Overhead Feed.		span			
M.8	Expose underground cable entrance of	E15	each	1		
IVI.O	existing streetlight pole and install new	LIJ	Cacil	'		
	streetlight cable.					
	RUPERTSLAND AVENUE - McGREGOR ST	TO POWERS	ST - STF	REET	0.14.4.1	
M	<u>LIGHTING</u>				Subtotal:	

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
N	SPENCE STREET - SARGENT AVE TO CUM	MBERLAND A	/E - STR	<u>EET</u>		
IN	<u>LIGHTING</u>					
N.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E15	each	4		
N.2	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E15	m	360		
N.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E15	each	4		
N.4	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.	E15	each	1		
N.5	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E15	set	4		
N.6	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary Overhead Feed.	E15	per span	7		
N.7	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary Overhead Feed.	E15	per span	7		
N.8	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E15	each	3		
N	SPENCE STREET - SARGENT AVE TO CUM LIGHTING	MBERLAND A	/E - STR	<u>EET</u>	Subtotal:	

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IIEM	DESCRIPTION	SPEC. REF.	UNII	APPROX. QUANTITY	UNIT PRICE	AMOUNI	
SUMMARY							
PART 1	I CITY FUNDED WORK						
Α	ASHBURN STREET - ELLICE AVE TO SARGENT AVE - ASPHALT RECONSTRUCTION				Subtotal:		
В	DOMINION STREET - YARWOOD AVE TO NOTRE DAME AVE - ASPHALT RECONSTRUCTION			Subtotal:			
С	SHERBURN STREET - SARGENT AVE TO CUMBERLAND AVE - REHABILITATION			Subtotal:			
D	SPENCE STREET - SARGENT AVE TO WELLINGTON AVE - ASPHALT RECONSTRUCTION				Subtotal:		
E	BURROWS AVENUE EASTBOUND - POWERS ST TO AIKINS ST - REHABILITATION				Subtotal:		
F	RUPERTSLAND AVENUE - McGREGOR ST RECONSTRUCTION	TO POWERS	ST - ASF	PHALT	Subtotal:		
G	COLLEEN AVENUE - JONES ST TO MAC ST - CONCRETE RECONSTRUCTION				Subtotal:		
Н	KILBRIDE AVENUE - MAIN ST TO SCOTIA ST - REHABILITATION				Subtotal:		
I	JONES STREET - HARTFORD AVE TO BEL RECONSTRUCTION	MONT AVE - A	SPHAL	<u>r</u>	Subtotal:		
J	WATER AND WASTE WORK				Subtotal:		
				(total	price) PART 1		
PART 2 MANITOBA HYRDO FUNDED WORK (See B9.5, B15.2.1, B16.4, D2, D14.2-3, D16.4)							
K	ASHBURN STREET - ELLICE AVE TO SAR	GENT AVE - ST	REET L	<u>IGHTING</u>	Subtotal:		
L	DOMINION STREET - YARWOOD AVE TO N	NOTRE DAME	AVE - ST	REET	Subtotal:		
M	RUPERTSLAND AVENUE - McGREGOR ST LIGHTING	TO POWERS	ST - STR	REET	Subtotal:		
N	SPENCE STREET - SARGENT AVE TO CUI	MBERLAND AV	E - STR	<u>EET</u>	Subtotal:		
				(total	price) PART 2		
TOTAL BID PRICE (GST extra) (in figures)							

(Seal)

Template Version: C420180115 - RW

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2) (See B12)

BID BOND

KNOW ALL MEN BY THESE PRESENTS 1	ГНАТ	
(hereinafter called the "Principal") and		
called the "Obligee") in the sum of ten per	and firmly bound unto THE CITY OF WINNIPEG cent (10%) of the Total Bid Price set out in the Bid ne Principal and Surety bind themselves, their heirs ntly and severally, firmly by these presents.	hereinafte
WHEREAS the Principal has submitted a B	id to the Obligee for	
BID OPPORTUNITY NO. 128-2018		
2018 Local Streets Package – Dominion St	reet, Ashburn Street and Various Other Locations	
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	oligation is such that if the Bid of the Principal is not a accordance with the terms of the Bid, enters into a C performance security for guaranteeing the faithful p, but otherwise shall remain in full force and effect.	ontract 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) Per:	(Seal)
(Witness as to Principal if no seal)	Per:	

(Name of Surety)

(Attorney-in-Fact)

(Seal)

Template Version: C420180115 - RW

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2) (See B12)

AGREEMENT TO BOND

(to be attached to and to form part of Bid Bond)

The Surety on the attached Bid Bond hereby undertakes and agrees with THE CITY OF WINNIPEG to become bound as Surety for the Principal, (Name of Bidder) (Place) the Bidder to you on ______, 20____ for BID OPPORTUNITY NO. 128-2018 2018 Local Streets Package - Dominion Street, Ashburn 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 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) By: (Attorney-in-Fact)

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FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 1 of 2) (See B12)

(Date)	
The City of Winnipeg Corporate Finance Department Materials Management Division 185 King Street, Main Floor Winnipeg MB R3B 1J1	
RE: BID SECURITY – BID OPPORTUNITY NO. 128-2018	
2018 Local Streets Package – Dominion Street, Ashburn Street and Various Other Locations	
Pursuant to the request of and for the account of our customer,	
(Name of Bidder)	,
(Address of Bidder) WE HEREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceed in the aggregate	 eding
Canadian dol	lars.
This Standby Letter of Credit may be drawn on by you at any time and from time to time upon we demand for payment made upon us by you. It is understood that we are obligated under this State Letter of Credit for the payment of monies only and we hereby agree that we shall honour your demand payment without inquiring whether you have a right as between yourself and our customer to make demand and without recognizing any claim of our customer or objection by the customer to payment by	ndby nd for such
The amount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn it by you or by formal notice in writing given to us by you if you desire such reduction or are willing that made.	
Partial drawings are permitted.	
We engage with you that all demands for payment made within the terms and currency of this Statetter of Credit will be duly honoured if presented to us at:	ndby
(Address)	
and we confirm and hereby undertake to ensure that all demands for payment will be duly honoured by	us.

Template Version: C420180115 - RW

FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 2 of 2) (See B12)

All demands for payment shall specifically state that they are drawn under this Standby Letter of Credit.

This Standby Letter of Credit will expire on July 7, 2018.

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)