

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A. <u>Ellice Avenue - Century Street to Ferry Road - Roadworks</u>						
EARTH AND BASE WORKS						
A.1	Crushed Sub-base Material	CW 3110-R7				
i)	50 mm - Crushed limestone		tonne	50		
A.2	Supplying and Placing Base Course Material	CW 3110-R7	m ³	200		
A.3	Grading of Boulevards	CW 3110-R7	m ²	2000		
A.4	Common Excavation - Suitable site Material	CW 3170-R3	m ³	500		
ROADWORKS-RENEWALS						
A.5	Partial Slab Patches	CW 3230-R4				
i)	200 mm Concrete Pavement (Type A)		m ²	100		
ii)	200 mm Concrete Pavement (Type B)		m ²	500		
iii)	200 mm Concrete Pavement (Type D)		m ²	500		
A.6	Slab Replacement	CW 3230-R4				
i)	200 mm Concrete Pavement (Reinforced)		m ²	200		
A.7	Slab Replacement - Early Opening (24 hour)	CW 3230-R4				
i)	200 mm Concrete Pavement (Reinforced)		m ²	50		
A.8	Partial Slab Patches - Early Opening (24 hour)	CW 3230-R4				
i)	200 mm Concrete Pavement (Type B)		m ²	20		
ii)	200 mm Concrete Pavement (Type D)		m ²	20		
A.9	Drilled Dowels	CW 3230-R4				
i)	28.6 mm Diameter		each	600		

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A.10	Drilled Tie Bars	CW 3230-R4				
	i) 25 M Deformed Tie Bar		each	400		
A.11	Miscellaneous Concrete Slab Renewal	CW 3235-R5				
	i) Sidewalk	SD-228A				
	a) Less than 5 sq.m.		m ²	10		
	b) 5 sq.m. to 20 sq.m.		m ²	125		
	c) Greater than 20 sq.m.		m ²	1500		
A.12	Concrete Curb Removal	CW 3240-R5				
	i) Barrier (Separate)		m	1800		
A.13	Concrete Curb Installation	CW 3240-R5				
	i) Barrier (150 mm ht, Dowelled)	SD-205	m	40		
	ii) Modified Barrier (150 mm ht, Dowelled)	SD-203B	m	50		
A.14	Concrete Curb Renewal	CW 3240-R5				
	i) Barrier (150 mm ht, Dowelled)	SD-205,SD 206A				
	a) Less than 3 m		m	30		
	b) 3 m to 30 m		m	150		
	c) Greater than 30 m		m	70		
	ii) Ramp Curb (15 mm ht)	SD-229 E	m	150		
A.15	Construction of Asphaltic Concrete Overlay	CW 3410-R6				
	i) Main Line Paving					
	a) Type IA		tonne	3200		

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	ii) Tie-ins and Approaches					
	a) Type IA		tonne	100		
	b) Type II		tonne	100		
A.16	Planing of Pavement	CW 3450-R3				
	i) 0 - 50 mm Depth (Asphalt)		m ²	10000		
	ii) 50 - 100 mm Depth (Asphalt)		m ²	4280		
	iii) 0 - 50 mm Depth (Concrete)		m ²	50		
ROADWORKS-NEW CONSTRUCTION						
A.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R9				
	i) Construction of Splash Strip (150 mm ht, Barrier Curb, Integral, 600 mm width)	SD-227B	m	1400		
JOINT AND CRACK SEALING						
A.18	Reflective Crack Maintenance	CW 3250-R6	m	4500		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
A.19	Catch Basin	CW 2130-R9				
	i) SD-024		each	2		
A.20	Catch Pit	CW 2130-R9				
	i) SD-023		each	10		
A.21	Sewer Service	CW 2130-R9				
	i) 250 mm					
	a) in a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	50		
	b) Trenchless Installation, Class B Type 2 bedding, Class 2 Backfill		m	30		
A.22	Drainage Connection Pipe	CW 2130-R9	m	50		

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A. <u>Ellice Avenue - Century Street to Ferry Road - Roadworks</u>						
A.23	Replacing Standard Frames & Covers	CW 2130-R9				
	i) AP-004 - Standard Frame for Manhole and Catch Basin		each	2		
	ii) AP-005 - Standard Solid Cover for Standard Frame		each	2		
	iii) AP-006 - Standard Grated Cover for Standard Frame		each	2		
	iv) AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	10		
	v) AP-009 - Barrier Curb and Gutter Inlet Cover		each	10		
A.24	Connecting to Existing Catch Basin	CW 2130-R9				
	i) 250 mm Drainage Connection Pipe		each	10		
A.25	Connecting to Existing Sewer	CW 2130-R9				
	i) 250 mm PVC of connecting pipe to 750 mm Conc. Combined Sewer		each	3		
A.26	Abandoning Existing Catch Pit	CW 2130-R9	each	10		
A.27	Removal of Existing Catch Pit	CW 2130-R9	each	10		
	ADJUSTMENTS					
A.28	Adjustment of Catch Basins / Manholes Frames	CW 3210-R6	each	5		
A.29	Replacing Existing Risers	CW 2130-R9				
	i) Pre-cast concrete risers		vert. m	3		
A.30	Lifter Rings	CW 3210-R6				
	i) 38mm		each	2		
	ii) 51mm		each	2		
	iii) 64mm		each	2		
A.31	Adjustment of Valve Boxes	CW 3210-R6	each	10		
A.32	Valve Box Extensions	CW 3210-R6	each	10		

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A. <u>Ellice Avenue - Century Street to Ferry Road - Roadworks</u>						
A.33	Adjustment of Curb Stop Boxes	CW 3210-R6	each	10		
A.34	Adjustment of Curb Inlet with new Inlet Box	CW 3210-R6	each	10		
A.35	Curb Stop Extensions	CW 3210-R6	each	10		
LANDSCAPING						
A.36	Sodding	CW 3510-R8				
	i) width < 600mm		m ²	100		
	ii) width > or = 600mm		m ²	2000		
A <u>Ellice Avenue - Roadworks</u>					SUBTOTAL:	
B <u>Ellice Avenue - Sewer Repairs</u>						
B.1	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R9				
	i) 600mm					
	a) Class 2 Backfill		m	3		
B.2	Video Inspection of Sewer	CW 2145	l.m.	85		
B <u>Ellice Avenue - Sewer Repairs</u>					SUBTOTAL:	
SUMMARY						
A. <u>Ellice Avenue - Century Street to Ferry Road - Roadworks</u>					Subtotal:	
B <u>Ellice Avenue - Sewer Repairs</u>					Subtotal:	
TOTAL BID PRICE (GST extra) (in figures) _____						
(in words) _____						
