

SUMMARY OF ALL SECTIONS

<u>MAINTENANCE WORKS IN THE SUNDAYS RIVER LMA</u>		TOTAL
Section 1200	General Requirements and Provisions	
Section 1300	Preliminary and General	
Section 1700	Clearing and Grubbing	
Section 1800	Collection and Removal of Debris and Litter	
Section 1900	Dayworks (Provisional)	
Section 2100	Drains	
Section 2200	Prefabricated Culverts	
Section 2400	Asphalt and Concrete Berms	
Section 3100	Borrow Materials	
Section 3200	Selections, Stockpiling and Breaking Down the Material from Borrow Pits, Cuttings and Existing Pavement Layers, and Placing and Compacting the Gravel Layers	
Section 3300	Mass Earthworks	
Section 3400	Pavement Layers of Gravel Material	
Section 3900	Patching and Repairing Edge Breaks	
Section 4100	Prime Coat	
Section 4600	Bituminous Single Seal with Slurry (Cape Seal)	
Section 4800	Treatment of an Existing Surface	
Section 5100	Pitching, Stonework and Protection against Erosion	
Section 5200	Gabions	
Section 5400	Guardrails	
Section 5500	Fencing	
Section 5600	Road Signs	
Section 5700	Road Markings	
Section 5900	Finishing the Roads and Road Reserve and Treating Old Roads	
Section 6100	Foundations for Structures	
Section 6200	Falsework, Formwork and Concrete Finish	
Section 6300	Steel Reinforcing for Structures	
Section 6400	Concrete for Structures	
Section 8100	Testing Workmanship and Materials	
Section 9100	Controlling Vegetation Growth – Mowing and Cutting	
Section 10300	Emergency Maintenance	
Section 12000	Environmental Management Programme Implementation	
Section 13000	Occupation Health & Safety	
Section 15000	ME Management and Training of Local Labour	
	Net total of tender	
	Allow 10% for Escalation	
	Sub Total	
	Allow 15% VAT	
	TOTAL	

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ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3400	PAVEMENT LAYERS OF GRAVEL MATERIAL				
B34.01	Pavement layers constructed from gravel taken from cut or borrow including free haul up to 1,0km				
	(h) Gravel wearing course compacted to				
	(ii) 95% Mod AASHTO density: 150mm layer thickness	m³	1425		
	(iii) 95% Mos AASHTO Density 150mm using crushed material	m³	1500		
34.02	Extra over item 34.01 for excavation of material in				
	(a) Intermediate material	m³	-		RATE ONLY
34.07	Extra over for temporarily blading the material to windrow	m³	1000		
B34.14	Wet blading				
	(a) 6m road width (riding surface)	km	25		
	(b) 7m road width (riding surface)	km	25		
B34.15	Dry blading				
	(a) 6m road width (riding surface)	km	30		
	(b) 7m road width (riding surface)	km	50		
B34.16	Accessibility grading				
	(a) 6m road width (riding surface)	km	20		
	(b) 7m road width (riding surface)	km	-		RATE ONLY
B34.17	Special grading				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.18	Reshaping				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.19	Heavy Maintenance				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.20	Gravel Patching				
	(a) Material from Borrow Pits	m³	250		
	(a) Crushed Material	m³	150		
B34.21	Light Road Bed Preparation				
	(a) 6m road width	km	1		
	(b) 7m road width	km	1		
B34.22	Heavy Road Bed Preparation				
	(a) 6m road width	km	-		RATE ONLY
	(b) 7m road width	km	-		RATE ONLY
B34.23	Gravel shoulder repair				
	(a) Ripping, watering, mixing, placing and compacting existing shoulders to 95% Mod AASHTO density	m³	150		
	(b) Extra over subitem (a) for adding extra material (free haul)	m³	70		
	(c) Extra over for subitem (a) for stabilizing material	m³	55		
B34.24	Removal of edge build-up				
	(a) Remove material and load for spoil	km	5		
	(b) Remove material and dispose of adjacent to road	km	2		
34/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	1500		
B34.26	Regravelling in short lengths up to 300m	m³	3000		
ORWARD TO SUMMARY :					

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ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
4800	TREATMENT OF AN EXISTING SURFACE EXHIBITING CERTAIN DEFECTS				
	POTHOLE REPAIR - P01				
48 / 39.01	Sawing asphalt or cemented pavement layers for patching				
	(a) Sawing asphalt to an average depth : (provisional sum)				
	(i) not exceeding 50 mm	m	2500		
48/39.02	Excavation in existing pavements for patching in				
	(c) Bituminous seal layers	m³	88		
48/B39.06	Tack Coat (60% spray grade emulsion)	l	1700		
48/B39.07	Cold premix 35 mm thick	m²	3400		
	SLACK AND DEPRESSION REPAIR - PO2				
B48.04	Screed of asphalt or coarse slurry :				
	(a) Tack coat using 60% anionic emulsion diluted 50/50 with water	l	750		
	(b) Continuously - graded medium mixture asphalt	t	5		
	(c) Coarse grade slurry	m³	8		
	(d) Chip out 500mm by 35 mm strip	m²	100		
	CRACK SEALING - PO4				
48.06	Cleaning the cracks with compressed air	km	-		RATE ONLY
48.07	Applying bituminous binders and herbicides for sealing cracks:				
	(a) Herbicide	l	-		RATE ONLY
	(f) Petroseal with latex mixed 50/50 with water	l	-		RATE ONLY
B48.14	Geotextile seal bandage				
	(a) Cracks and joints - 200 mm wide geotextile strip	m	100		
	(b) Cracked areas - geotextile				
	(i) Not exceeding 50m²	m²	250		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	-		RATE ONLY
	(iii) Exceeding 100m² but not exceeding 150m²	m²	-		RATE ONLY
	(iv) Exceeding 150m²	m²	-		RATE ONLY
B48.15	Crack sealing using Method 1 (sealant and crusher dust)	l	-		RATE ONLY
	EDGE REPAIRS - PO5				
48/39.05	Cutting back the edges of the existing surface for repairing of edge breaks (avg depth = 80 mm)	m	350		
B48.05	Repairing edge breaks in surfacing				
	(a) Tack coat - 60% Anionic spray grade emulsion diluted 50/50 with water	l	150		
	(c) Reconstructing edges using cold premix	t	2		
	SLURRY SEAL TREATMENT - PO6				
B48.03	Slurry seal				
	(a) Tack coat using 30% bitumen emulsion	l	4800		
	(b) Slurry applied by hand (coarse grade slurry)				
	(i) Not exceeding 50m²	m²	100		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	200		
	(iii) Exceeding 100m² but not exceeding 150m²	m²	500		
	(iv) Exceeding 150m²	m²	9600		
CARRIED FORWARD TO SUMMARY :					

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