

UPGRADING OF KANGARU - KAIRURI (PART) ROAD					
BILL 15- Bituminous Surface Treatments and Surface Dressing					
Item	Description	Unit	QTY	Rate (KShs)	AMOUNT
	<i>Note: No haulage will be paid for bitumen or chipping sand this should be included in the rates billed rates.</i>				
15-50-001	Prepare surface of carriageway, walkway, accesses and repair areas, provide and spray MC-30 cutback bitumen at a rate of 0.8-1.2 lts/m ² as prime coat.	Litres	4,800		-
15-92-003	Prepare primed surfaces, provide, heat and spray 80/100 penetration grade bitumen at a spray rate of 1.0-1.2 lts/m ² as binder for first seal on carriageway, and accesses	Litres	4,000		
15-60-005	Provide, spread and roll 14/20mm pre-coated chippings at a spread rate of 70-90 m ² /m ³ for first seal on carriageway and accesses	m ³	100		
15-92-003	Prepare the new bituminous surface, provide, heat and spray 80/100 penetration grade bitumen at a spray rate of 1.0-1.2 lts/m ² as binder for second seal on carriageway and accesses.	Litres	4,000		
15-60-003	Provide, spread and roll 6/10mm pre-coated chippings at a spread rate of 110-130 m ² /m ³ as second seal as directed by the Engineer	m ³	50		
15-50-003	Prepare new bituminous surface provide and spray K1-60 bitumen as tactcoat at a spray rate of 0.8- 1.0L/m ² as directed by engineer.	Litres	720		
	Bill total to Summary Page				

UPGRADING OF KANGARU - KAIRURI (PART) ROAD					
BILL 16- Bituminous mix bases, binder courses and wearing courses					
Item	Description	Unit	QTY	Rate (KShs)	AMOUNT
	<i>Note: No haulage will be paid for bituminous mix bases and Asphalt Concrete (AC) binder course and the rate shall be all inclusive</i>				
	<i>The rate to include for providing and mixing of mineral filler necessary to achieve specified gradings.</i>				
16.01	Prepare surfaces, provide, mix, lay and compact 35mm Asphaltic Concrete (AC) (Type 1) as wearing course on walkway base with bitumen and 0/20 mm aggregates on prepared surface of asphalt base layer	m ³	26		
16.0	Provide, Mix, Place and Compact Hot Mix Asphalt Type 1 (bitumen content 5-6% by weight) for bumps and rumble strips as directed by Engineer.	m ³	8		
	Bill total to Summary Page				