

	GRADING AND MURRAMING OF KONA YA MAMBA - MAHOYO ROAD IN DZOMBO WA			
BILL OF QUANTITIES: No.1 PRELIMINARIES & GENERAL ITEMS				
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE (Kshs)
1.01	Allow Kshs 30,000 for Material testings and reagents for the contract duration	PC Sum	1.00	30,000.00
1.02	E.O. item 1.01 for Contractor's overheads and profits.	% of item		
1.03	Provide, erect and maintain publicity signs as directed by the Engineer.	No.	2.00	
	Bill No. 1 Total Carried Forward to Grand Summary			
BILL OF QUANTITIES: No.8 CULVERTS & DRAINAGE WORKS				
	Note: No separate payments shall be made for gravel, for blinding, hauling to spoil unsuitable excavation materials and Backfilling of culverts with gravel and the cost of such shall be included in the rates and prices			
8.01	Excavation in soft material for pipe culverts,head walls, wing walls, apron,toe walls, inlet drains, Outlet drains and compact as directed by the Engineer	m ³	32	
8.02	As per item 8.01, but for hard material	m ³	8	
8.03	Provide, lay and join 600mm inner dia concrete culverts and place and compact class 20/20 concrete for surround,headwalls,wingwalls,aprons,and toewalls to pipe culvert including all form work.	Mt	15.000	
8.04	Provide and place A142 BRC mesh reinforcement for culverts Base, surround, wingwalls, aprons, Head walls and toewalls as shown in the drawings	m ²	88	
8.05	Provide stone pitching including grouting of ratio 1:4 cement to mortar as shall be direted on site by the Engineer	m ²	400.000	
	Bill No. 8 Total Carried Forward to Grand Summary			
BILL OF QUANTITIES: No.9 PASSAGE OF TRAFFIC				
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE (Kshs)
9.01	Allow, construct and maintain temporary diversion for the passage of traffic through the works including road signs and barriers as per Engineer's instructions	KM	0.200	
	Bill No. 9 Total Carried Forward to Grand Summary			
BILL OF QUANTITIES: No 10 GRADING & GRAVELLING WORKS				
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE (Ksh)
	Note: No overhaul will be paid for separately under these items as it shall be deemed to have been included in the Contractor's rates			
10.01	Heavy grading to camber, including slopes and ditches without watering and compaction as instructed by the Engineer	m ²	45,000.00	

10.02	Provide gravel wearing course – excavation, free haul, spread, water and compact gravel to specifications.	m ³	1,500.00	
	Bill No. 10 Total Carried Forward to Grand Summary			

BILL OF QUANTITIES: No 25: ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT AND MITIGATION

25.01	Allow for Environmental and Social Impact Assessment (ESIA) study/summary project report and Environmental Management plans as per the directions by the Engineer.	Sum	1.00	80,000.00
25.02	E.O. item 25.01 for Contractor's overheads and profits.	%		
25.03	Allow for environmental and soil erosion mitigation measures as priced in the appendix attached or as per the directions by the Engineer.	PC sum	1.00	
25.04	E.O. item 25.03 for Contractor's overheads and profits.	%		
	Bill No. 25 Total Carried Forward to Grand Summary			

	SUMMARY			
ITEM	DESCRIPTION			
1	Preliminaries and General Items			
8	Culverts & drainage works			
9	Passage of Traffic			
10	Grading & graveling works			
25	Environmental and Soil Erosion Mitigation Measures			
(A)	Sub-total (1)			
(B)	Add ...16% VAT of sub-total (1)			
	GRAND TOTAL CARRIED FORWARD TO FORM OF BID			

BIDDER'S AUTHORISED REPRESENTATIVE

NAME:

TITLE:

SIGN:

STAMP:

DATE:

[illegible]

80,000.00
AMOUNT KSHS.

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GRADING AND MURRAMING OF KONA YA MAMBA - MAHOYO ROAD IN DZOMBO WARD				
APPENDIX TO BILLNo.25: ENVIRONMENTAL AND SOIL EROSION MITIGATION MEASURES				
DESCRIPTION	UNIT	QUANTITY	RATE (KSHS)	AMOUNT (KSHS)
25.01 Environmental and Soil Erosion Mitigation Measures				
Construction of Scour Checks	No	6		
Gabions Installation	No	5		
Trees Planting with watering untill established	No	0		
Topsoiling and grassing	SM	0		
Stone pitching	SM	0		
Provision of waste disposal/Dust bins	No	0		
Drinking water	Litres	0		
Personal Protective Equipment	No	0		
Total carried to Bill Item 25.01				