

ADDENDUM NO. 2: PERIODIC MAINTENANCE OF 114-FERRY ROAD

Package 27: Bills of quantities

ROAD CODE: UCB34-MOMBASA					
A14-FERRY ROAD					
Bill of Quantities				Page: 1	
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
	Note: No separate payment shall be made for the haulage of surplus or unsuitable excavated material and the cost of such haulage shall be included in the rates and/or prices				
Bill No.1:Preliminary & General Items					
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
01-80-010	Allow a prime cost of sum for material testing as directed by the Engineer	ITEM	KSHS		200,000.00
01-80-011	Extra over item 01-80-010 for contractors overheads and profits	%			
01-80-023	Provide fuel and maintain with a comprehensive insurance cover and driver, 1 No.station wagon vehicle(odometer:0 - 100000) of engine capacity 2100 - 2500 c.c. for exclusive use by the Engineer inclusive of the first 4,000km per vehicle month in accordance with clause 138 of special specification.	V Months	6		
01-80-024	Extra over item 01-80-023 above for mileage over 4,000km per vehicle month	KM	1000		
01-80-030	Allow for attendance to the RE's supervisory staff including overtime	ITEM	KSHS		650,000.00
01-80-031	Include percentage on item 01-80-030 for contractors overhead and profit	%			
	Sub-total carried forward to Summary				
Bill No.5:Earthworks					
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
05-50-008	Cut to spoil in soft material	M ³	1920		
05-60-001	Scarify, water, process and compact 150 mm existing ground below embankments or subgrade to 95% MDD (AASHTO T99)	M ³	960		

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05-60-002	Provide, spread, water, process and compact 300 mm improved subgrade to 100% MDD (AASHTO T99) in two layers of 150 mm thickness.	M ³	1920		
	Sub-total carried forward to Summary				
Bill No.8:Culvert & Drainage Works					
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
08-50-020	Excavate for, provide and install 600mm wide Shallow Drain .This includes 75mm gravel bedding and concrete haunching	M	846		
08-50-025	Manhole cleaning	No.	2		
08-60-008	Culvert cleaning-600mm Internal Diameter Culverts(fully blocked)	M	8		
	Sub-total carried forward to Summary				
Bill No.12:Natural Material for Sub-Base & Base					
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
12-50-001	Provide, spread, water and compact natural gravel to 100% MDD (AASHTO T-180) for subbase as specified by the Engineer	M ³	1152		
12-60-001	Provide, lay and compact hand packed stone material including filling of voids with stone dust and watering as directed by the Engineer.	M ³	720		
	Sub-total carried forward to Summary				
Bill No.20:Road Furniture					
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
20-70-015	Excavate for, provide and place 100x125mm class 25/20 precast concrete straight channels haunched in 100mm thick class 15/20 concrete base bedding and mortar joined in support to carriageaways, bus bays and junctions as directed by the Engineer	M	1611		

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20-70-016	Excavate for, provide and place 250x125mm class 25/20 precast concrete straight raised kerbs haunched in 100mm thick class 15/20 concrete base bedding and mortar joined in support to carriageaways, bus bays and junctions as directed by the Engineer	M	42		
	Sub-total carried forward to Summary				
Bill No.23:Concrete Paving Blocks					
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
23-50-002	Provide, lay and compact 80mm thick concrete paving blocks with 49 N/mm ² cube crushing strength conforming to BS 6717 Part 1 of 1986 or Kenya Bureau of Standard equivalent including 40 mm thick compacted sand bed	M ²	4800		
	Sub-total carried forward to Summary				
Bill No.25:Cross Cutting Issues					
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
25-50-029	Collect, erect, brand and maintain publicity signs and return to the employer upon expiry of the contract period as instructed by the Engineer	NO.	1		
	Sub-total carried forward to Summary				

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GRAND SUMMARY OF BILL OF QUANTITIES			
BILL ITEM	DESCRIPTION	AMOUNT	
1	Preliminary and General items		
5	Earth Works		
8	Culverts and Drainage Works		
12	Natural Material for Sub-base and Base		
20	Road Furniture		
23	Concrete Paving Blocks		
25	Cross Cutting Issues		
	SUB-TOTAL (1)		
	Add ...16% VAT of sub-total (1)		
TOTAL CARRIED FORWARD TO FORM OF TENDER			