



**REPUBLIC OF KENYA**  
**COUNTY GOVERNMENT OF LAMU**



**BILLS OF QUANTITIES**  
**CONCRETE PAVING OF LAMU ISLAND STREETS**

**PREAMBLE TO BILL OF QUANTITIES**

1. The Bills of Quantities form part of the Contract Documents and are to be read in conjunction with the instructions to Tenderers and these documents.
  2. The prices and rates to be inserted in the Bill of Quantities are to be the full, inclusive value of the work described under the several items including all costs and expenses which may be required in and for the execution of the work described and for the Contractor's overheads and profits.
  3. Each item in the B/Q contains only a brief description of the proposed work. Fuller details and directions of the work to be done, the materials to be used, the standards of workmanship, methods of measurement and payment are to be found in the various sections of the Specifications.
  4. The Quantities set forth in the Bill of Quantities are estimated and representing substantially the work to be carried out. There is no guarantee to the Contractor that he will be required to carry out all the quantities of work indicated under any one particular item or group of items in the Bills of Quantities. The basis of payment shall be the Contractor's rates and the quantities of work actually done in fulfillment of his obligation under the Contract.
  5. Day work items shall be expended in whole or in part at the discretion of the Employer.
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# Bill of Quantities

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Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
	Note: All haulage is to be included in the Contractor's rates and prices. There is no separate payment for overhaul				
01-60-005	Provide Publicity Sign Board and, erect on site as directed by the Engineer. Upon expiry of defects liability period, the publicity board frame to be returned to the same collection yard.	NO	5		
01-80-007	Allow for Engineer's Office furniture and laboratory equipment as instructed by the Engineer	ITEM	KSHS		200,000.00
01-80-008	Extra over item 01-80-007 for contractors overheads and profits	%			
01-80-010	Allow a prime cost of sum for materail 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	%			
01-80-026	Allow for the REs miscellaneuos account	ITEM	KSHS		250,000.00
01-80-027	Extra over 01-80-026 for profits and overheads	%			
01-80-030	Allow for attendance to the RE,s supervisory staff including overtime	ITEM	KSHS		250,000.00
01-80-031	Include percentage on item 01-80-030 for contractors overhead and profit	%			
04-50-010	Excavate remove & disposal of concrete structurues	M <sup>3</sup>	420		
04-60-002	Remove top soil to maximum depth of 200mm as directed by the Engineer stockpile good material for later top soiling of slide slopes and landscaping of quarries and borrow pits	M <sup>3</sup>	1280		
05-50-008	Cut to spoil in Soft Material	M <sup>3</sup>	900		
05-50-009	Cut to spoil in Hard Material	M <sup>3</sup>	120		
08-60-008	Culvert Cleaning- Fully Blocked - 600mm	M	3		
08-60-003	Culvert Cleaning- Partially blocked - 600mm	M	3		

08-60-030	Excavate in soft material for pipe culverts,headwalls,wingwalls,aprons, to e walls,drop inlets,minor drainage structures and compact excavated surface as specified by the Engineer.	M <sup>3</sup>	4		
08-60-031	Excavate in hard material for pipe culverts,headwalls,wingwalls,aprons, to e walls,drop inlets,minor drainage structures and compact excavated surface as specified by the Engineer.	M <sup>3</sup>	4		
08-60-033	Provide , lay and join 600mm inner dia concrete pipes	M	12		
08-60-037	Provide and place A142 facbric mesh reinforcement	M <sup>2</sup>	4000		
08-90-008	Provide and place class 15/20 concrete to bedding and surround	M <sup>3</sup>	6		
08-90-009	Provide and place class 25/20 concrete	M <sup>3</sup>	480		
10-60-001	Provide, place, spread and compact natural gravel wearing course at 95% MDD	M <sup>3</sup>	1440		
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 <sup>3</sup>	1920		
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	2000		
23-50-001	Provide, lay and compact 60mm thick concrete paving blocks with 49 N/mm <sup>2</sup> cube crushing strength conforming to BS 6717 Part 1 of 1986 or Kenya Bureau of Standard equivalent including 30 mm thick compacted sand bed	M <sup>2</sup>	7200		
22-50-002	Unskilled Labour	HR	12		
22-50-007	Skilled Labour	HR	12		
22-60-009	Pick -Up 1 - 1.5 tonnes	KM	6		
22-61-008	Truck, Tipper 12 tonnes	KM	6		
22-62-015	Water tanker self propelled: 6000 - 8000 lt. capacity inclusive of water	HR	6		
22-70-001	Fine Aggregates (Sand)	M <sup>3</sup>	6		

22-70-002	Fine Aggregates (0/10)	M <sup>3</sup>	6		
22-70-005	Cement (Ordinary Portland)	TON	0.5		
22-71-013	High yield steel reinforcement equal to 16mm diameter or less	TON	0.1		
22-72-016	Machine cut natural coral stone block of 8'' x 8'' x 12''	M <sup>2</sup>	500		
22-72-020	Coarse Aggregates (14/20)	M <sup>3</sup>	6		
22-73-014	80/100 Pen grade bitumen	LT	1000		
	<b>Sub Total</b>				
	VAT @ 16 %				
	<b>Total Carried Forward to Summary:</b>				

Structure:

Package:

Contractor

<b>Bill of Quantities</b>			Page: 1
<b>Summary of Roads</b>			Project:
No.	Road Code	Road Name	Amount (KShs)
1		CONCRETE PAVING OF LAMU ISLAND	
<b>Total Carried to page on the Form of Tender</b>			