

CONFIDENTIAL

TENDER NO.....



COUNTY GOVERNMENT OF KERICHO

TENDER DOCUMENT

BILLS OF QUANTITIES

FOR

**PROPOSED CONSTRUCTION OF MASONRY WATER
STORAGE TANK 100M3**

SAOSET F.C.S

BUILDING AND CIVIL WORKS

AT

KAMASIAN, KIPKELION WEST

Prepared By:

Department of Lands, Housing and Physical Planning,
County Government of Kericho
P.O.Box 112-
20200

KERICHO-KENYA

Issued

By:

Chief Officer

Department of Trade, Industrialization, Cooperative
Management, Tourism and Wildlife

P.O.Box 1352 ,

**KERICHO-
KENYA**

JANUARY 2020

Item	Description	Unit	Qty	Rate	Amount
	<u>BILL NO. 2</u>				
	<u>MASONRY WATER STORAGE TANK 100M3</u>				
	<u>ELEMENT NO 1</u>				
	<u>SUBSTRUCTURES (ALL PROVISIONAL)</u>				
	<u>Site Preparation</u>				
A	Clear site of all bushes and shrubs, cut down trees with mean girth not exceeding 600mm and cart away the debris	m2	64		-
	<u>Site Preparation</u>				
B	Chemical anti-termite treatment of subsoil or fillings : Dragnet 38% E.C. or other equal approved : provide ten years guarantee	m2	64		-
	<u>Excavation</u>				
C	Excavate (average) 150mm to remove top soil : deposit on site in temporary spoil heaps	m2	64		-
D	Excavate trenches for wall foundations : commencing from reduced level : not exceeding 1.5 metres deep.	m3	101		-
E	Extra over excavation for excavating in hardrock all classes.	m3	1		-
	<u>Disposal of excavated materials</u>				-
F	Selected excavated material in filling to foundation and levelling : placed in 200mm layers ; watered and compacted to 95% MDD	m2	51		-
G	Remove surplus excavated material : remove and deposit in spoil heaps on site	m3	91		-
	<u>Disposal of water</u>				-
H	Keep excavations free from all water by baling, pumping or otherwise	Item	1		-
	<u>Planking and strutting</u>				-
I	Planking and strutting to sides of all excavations : keep excavations free from all fallen materials	Item	1		-
	<u>Imported hardcore</u>				-
J	Approved quarry stone hardcore filling : 200mm thick (overall) : deposit, spread, level and compact in layers not exceeding 200mm thick : to receive blinding	m2	46		-
	Carried to Collection				-

Item	Description	Unit	Qty	Rate	Amount
	<u>Murram blinding</u>				
A	50mm Quarry dust blinding to surface of hardcore	m2	46		-
					-
	<u>Insitu concrete : class 25/20mm: vibrated : reinforced</u>				-
B	200mm Surface bed	m2	46		-
C	Ditto; Benching to sump	m2	1		-
					-
	<u>Mild steel bar reinforcement to BS 4449 (Provisional)</u>				-
D	8mm Diameter bars	Kg	358		-
					-
	<u>High tensile steel bar reinforcement to BS 4461 (provisional)</u>				-
E	20mm Diameter bars	Kg	864		-
					-
F	16mm Ditto	Kg	579		-
G	10mm Ditto	Kg	1209		-
					-
	<u>Sawn formwork : to</u>				-
H	Vertical edge of bed : over 150 but not exceeding 225mm high	m	24		-
					-
	<u>Approved quality local stone load bearing (7N/mm²) block walling: medium chisel dressed : in regular courses : in cement and sand (1:3) mortar</u>				-
I	300mm Walling	m2	36		-
					-
	<u>Labours and sundries</u>				-
J	One Layer 500 gauge polythene sheet damp proof membrane : under bed : 300mm laps	m2	46		-
					-
K	Wall ties : 20 gauge hoop iron wall ties 25mm wide x 450mm long ; cast into concrete and built into walling	No.	120		-
					-
	<u>Expansion Joint</u>				-
L	25x25mm sealer	m	24		-
					-
	<u>Plinths</u>				-
M	12mm Cement and sand (1:4) render with woodfloat finish : to exposed plinth walls	m2	36		-
					-
N	Prepare and apply two coats bituminous paint to rendered plinths	m2	36		-
					-
	Carried to Collection				-

Item	Description	Unit	Qty	Rate	Amount
	<u>SUBSTRUCTURE</u> <u>COLLECTION</u> Total Brought Forward from Page No.		Page No		Amount
			2/1		-
			2/2		-
	Carried Forward to Summary				-

Item	Description	Unit	Qty	Rate	Amount
	<u>ELEMENT NO. 2</u> <u>REINFORCED CONCRETE SUPERSTRUCTURE</u> - <u>In situ concrete : class 25/20 mm : vibrated : reinforced</u>				
A	200mm Suspended cover slab <u>Sawn formwork : to</u>	m2	46		-
B	Horizontal soffits : suspended slabs	m2	51		-
C	Extra over for forming 600 x 600mm and boxing up to form access to the tank	m2	2		-
Carried to Summary					-

Item	Description	Unit	Qty	Rate	Amount
	<u>ELEMENT No.5</u>				
	<u>WALLING</u>				
	- <u>Selected and approved quality local stone load bearing (7N/mm²) block walling in 200mm course heights : medium chisel dressed finish on one face ; recessed horizontal joints : flush vertical joints : in cement and sand (1:4) mortar</u>				-
A	200mm Walling ; reinforced with 20 gauge 20mm hoop iron strips laid horizontally every alternate course	m2	36		-
	<u>FINISHES</u>				
	- <u>EXTERNAL WALL FINISHES</u>				
	<u>15mm Cement and sand (1:3) render : wood float finish : on concrete or stonework : to</u>				-
B	Walls	m2	72		-
	<u>Prepare and apply three coats 1st grade exterior quality plastic emulsion paint: to</u>				-
C	Rendered walls and columns	m2	72		-
	<u>INTERNAL FINISHES</u>				
	- <u>FLOOR AND WALL FINISHES</u>				
	<u>15mm Cement and sand (1:3) render : wood float finish : on concrete or stonework : to</u>				-
D	Walls	m2	101		-
E	Botom and Top slab (Internal)	m2	73		-
F	Top slab (External)	m2	37		-
	<u>Prepare and apply osmotic or Sirrah P GR 5Kg/SM-APP bituminous membrane or any other Approved waterproofing</u>				-
G	Rendered walls ,bottom and top slab	m2	137		-
	<u>Manhole Cover</u>				
H	600x600mm medium duty - grade B CI cover	No	1		-
	Carried Forward to Summary				-

Item	Description	Unit	Qty	Amount	
	<p><u>BILL NO 3</u> <u>PRIME COSTS AND PROVISIONAL SUMS</u></p> <p><u>PROVISIONAL SUMS</u></p> <p><u>External works</u></p> <p>A Allow a Provisional Sum of Kenya Shillings Fifty Thousand (Ksh 50,000.00) for Electrical Installations</p> <p><u>Plumbing, Drainage & Fire Fighting Installations</u></p> <p>B Allow a Provisional Sum of Kenya Shillings Fifty Thousand (Ksh 50,000.00) for Plumbing and Drainage Installations</p> <p>-</p> <p><u>Contingencies</u></p> <p>C Allow a Provisional Sum of Kenya Shillings Fifty Thousand (Ksh 50,000.00) for Contractor's Contingencies.</p>	Sum		50,000.00	
	Carried to Final Summary			150,000.00	

COUNTY GOVERNMENT OF KERICHO
PROPOSED CONSTRUCTION OF MASONRY WATER STORAGE TANK 100M3
KAMASIAN, KIPKELION WEST
GRAND SUMMARY

ITEM	DESCRIPTION				AMOUNT
1	Preliminaries	From Page -	1/1		
2	Measured Works		2/6		-
3	Prime Costs & Provisional Sums		4/1		- 150,000.00

TOTAL CARRIED TO FORM OF TENDER (Amount inclusive of 16% VAT & Withholding Tax)	Kshs.	
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<p>AMOUNT IN WORDS</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>(Amount inclusive of 16% VAT and Withholding Tax)</p> <p>Contractor's Official Rubber Stamp</p> <p>Contractor's Signature</p> <p>.....</p> <p>DATE:</p> <p>.....</p>	<p>Name of Witness</p> <p>.....</p> <p>Address Of Witness</p> <p>.....</p> <p>Date:</p> <p>.....</p>
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