

**SPECIFICATIONS AND BILLS OF QUANTITIES FOR THE PROPOSED
CRAIG MEMORIAL COTTAGE HOSPITAL**

TO BE BUILT IN IDAKHO ISHIKULU IN KAKAMEGA COUNTY

PREPARED & COMPILED BY J.O. Asave
+ Jamao & Idese & Civil
work



REVISED BY David N. Wakesa
[Signature] 8/02/2021



PREFACE

A list of items i.e. materials, quantities and their unit prices.

Summary of the total of the totals as carried forward from pg. 1 – 3



BILL OF QUANTITIES FOR CRAIG MEMORIAL COTTAGE HOSPITAL

NO	ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Hardcore	Natural stones	80	sm	1000	80,000
2	Concrete Blocks	Sizes 9×9×15 for fdn set-up	2700	tonnes	85	229,500
3	Ballast	Quarry crushed size ¾" & ¼"	54	tonnes	2400	129,600
4	Sand	Rver sand	120	tonnes	1000	120,000
5	Murram	Quarry 50mm blinding	35	sm	1000	35,000
6	Anti- termite killer	Gladiator	2	sm	2400	4,800
7	D.P.M	1000 mm gauge black	3	sm	3800	11,400
8	D.P.C	1000mm gauge black	20	sm	100	2,000
9	Timber sizes	8 × 1 sawn cyprus	900		65	58,500
10	Timber sizes	6 × 1 sawn cyprus	200		45	9,000
11	Ordinary cement	Ordinary Bamburi	450		730	328,500
12	Iron bars	sizes 7-12	30		1000	30,000
13	Iron bars	sizes 7-10	30		800	24,000
14	Binding wire		2		3500	7,000
15	Square tubes	sizes 2"× 4"	70		4500	315,000
16	Square tubes	sizes 2"× 2"	120		3000	360,000
17	White Building lime	60 bgs grade 1A	60		600	36,000
18	Timber frames	sawn cyprus sizes 3" × 2"	2426		35	84,910
19	Timber frames	sawn cyprus sizes 2" × 2"	1510		30	45,300
20	Ceilling boards	Celotex or flowers	79		1300	102,700
21	Ceramic floor tiles	sizes 12" × 12"	156		930	145,080
22	Wash hand basins		9		1600	14,400
23	Toilets		2		8500	17,000
24	Wooden frames	Mahogany	13		4500	58,500
25	Wooden doors	solid flush door	13		8000	104,000
26	Door Hinges		39		240	9,360
27	Door locks		13		4500	58,500
28	steel windows	Sizes 4' × 5'	8		5600	44,800
29	Double Wooden doors		3		18000	54,000
30	Concrete Vents	sizes 9" × 12"	54		100	5,400
31	Mosquito gause wire		10		150	1,500
32	Window panes	4mm clear	144		140	20,160
33	Steel casement putty	made in China	50		140	7,000
34	Window handles	Right & Left	24		350	8,400
35	Window stays		24		350	8,400
36	Window curtain boxes		15		680	10,200
37	Cornice	sizes 3" × 1" grooved	840		32	26,880
38	Iron sheets	Box profile	646		402	259,692
39	Ridge gaps		27		400	10,800
40	Rain Water cutters		14		2000	28,000
41	Welding Rods	sizes A-12	20		1200	24,000
42	PVC Pipe 4"	Round pipe long 20ft each	7		1600	11,200
	TOTAL					2,940,482



43	PVC Pipe 3"	Round pipe long 20ft (white)	6		1400	8,400
44	Fascia board	Sawn cyprus	280		65	18,200
45	Gulley traps	Plastic	11		650	7,150
46	Plain bends		2		480	960
47	Inspection bends		2		630	1,260
48	V-angle line	steel	20		1600	32,000
49	Roofing Rubbers		50		150	7,500
50	Roofing nuts screw		50		300	15,000
51	Groud (white)		30		450	13,500
52	Crown plastic emulsion		120		275	33,000
53	Paint Rollers		16		500	8,000
54	Paint Brushes	Harison original sizes	26		280	7,280
55	Ceramic wall tiles	sizes 6"× 8"	6		950	5,700
56	Soft White	emulsion paint	160		240	38,400
57	steel windows	sizes 3'× 4'	4		4300	17,200
58	Poly filler	white powder	10		500	5,000
59	Wall filler	white powder	30		800	24,000
60	Cutting plates	sunflex	15		180	2,700
61	Miti Posts	Long 30ft	30		400	12,000
62	Off- cuts	long 10 ft	50		270	13,500
63	Ordinary Nails	sizes 4	15		170	2,550
64	Ordinary Nails	sizes 5	10		170	1,700
65	Red oxide	for window cills finish (made in	10		360	3,600
66	Pavement Slabs	600 ×600 ×50mm thick floor sla	2963		100	296,300
67	Rainwater Cutter clips		60		150	9,000
68	Plain bends	sizes 3"	10		380	3,800
69	Joints	sizes 6"	13		600	7,800
70	Corners	sizes 6"	6		600	3,600
71	Ordinary iron sheets	gauge 30- 2½m	65		270	17,550
72	Bullgum timber frame	sizes 3×2	360		24	8,640
73	Iron sheet nails		12		230	2,760
74	Cedar posts		30		480	14,400
75	Crown gloss paint	crown primlar gloss vol 1	80		400	32,000
76	Turpentaine		30		680	20,400
77	Maskini tape	¾" 500mm	10		600	6,000
78	Rings	sizes R-6 std				0
79	Ceilling nails		50		250	12,500
	TOTAL					713,350



Approvals by the following relevant authorities

1. Public health
2. Physical planning
Change of land use –ksh .40000
Plan approval-ksh 15000
3. County government = ksh 35000
4. Plan production ksh = 16300
5. Security –for the whole construction period i.e. 120 calendar days@600 shillings (day and night) = 72000
6. Landscaping = kshs 60000

Total = kshs 253300

Total cost of relevant government approvals =253300

Total cost of materials = 3,773,822

Total cost of approval + materials = 4,027,122

Labour charge is 28% of the total of materials (waived)

$4,027,122 * 28 / 100 = 1,127,594.16.$

Summary of the entire project = 5, 154,716.

Five million, one hundred and fifty four thousands, seven hundred and sixteen Kenya shillings only.

