

2

Item No	Description	Qty	Unit	Rate	Kshs
	<b>BILLS OF QUANTITIES FOR KATHYAKA ASSISTANT CHIEF'S OFFICE.- 4 ROOMED OFFICE</b>				
	<b>ELEMENT NO . 1</b>				
	<b>SUBSTRUCTURES:</b>				
A.	Oversite excavation to remove top vegetable soil and disposed the arisings.	64	SM	100.00	6,400.00
	<b>EXCAVATE.</b>				
B.	To reduce levels	64	SM	150.00	9,600.00
C.	Trench for strip foundation	21	CM	400.00	8,400.00
D.	Return, fill and ram selected material around the foundation	12	CM	300.00	3,600.00
E.	Cartaway surplus materials	14	CM	100.00	1,400.00
F.	250 mm thick approved hardcore filling well compacted.	64	SM	400.00	25,600.00
G.	25 mm thick murrum blinding	64	SM	90.00	5,760.00
H.	"Dragnet FT" or other equal and approved chemical ant-termite treatment prepared and applied according to the manufacturer's printed instructions.	64	SM	150.00	9,600.00
	<b>PLAIN CONCRETE MIX (1:4:8)</b>				
J.	50 mm thick blinding under strip foundation	18	SM	500.00	9,000.00
	<b>REINFORCED CONCRETE MIX (1:2:4)</b>				
K.	Strip foundation	3	CM	10,000.00	30,000.00
L.	100 mm thick slab	51	SM	1,000.00	51,000.00
M.	Y 10 mm diameter bars reinforcement in strip foundation	122	KG	160.00	19,520.00
N.	BRC A 142 mesh fabric reinforcement	64	SM	450.00	28,800.00
O.	1000 gauge damp proof membrane	64	SM	200.00	12,800.00
	<b>Carried to collection</b>				221,480.00

1



*Talim Okogoh*

Item No	Description	Qty	Unit	Rate	Kshs
A	200 mm thick natural stone substructures walling	55	SM	1,500.00	82,500.00
B	Formwork to edges of slab 75-150 mm high	31	LM	400.00	12,400.00
C	12 mm thick cement: sand (1:5 ) render on plinth	25	SM	300.00	7,500.00
D	Sawn formwork to the sides of strip foundation	30	SM	350	10,500.00
E	Allow for strutting and planking the sides of excavations			3,000.00	3,000.00
F	Allow for keeping the bottoms of excavations free from any fallen materials or water			3,000.00	3,000.00
<b>EXTERNAL PAVING</b>					
G	Excavate oversite average 150 mm deep in backfilled areas. Load up, wheel and deposit as directed on site	18	SM	400	7200
H	150 mm thick selected compacted murrum filling to make up levels under paving slabs ( M. S )	18	SM	100.00	1800
J	50 mm thick sand bed on compacted murrum to receive paving slabs	18	SM	200.00	3600
K	"Dagnet FT" or other equal and approved chemical anti-termite treatment prepared and applied according to the manufacturer's printed instructions.	18	SM	100	1800
M	600 x 600 x 50 mm thick precast concret slabs laid on compacted murrum ( M.S ) and pointed in cement :sand ( 1: 3 ) mortar.	18	SM	1000	18000
Carried to collection					151,300.00
<b>COLLECTION</b>					
Brought forward from page 01					221,480.00
Brought forward from above					151,300.00
<b>TOTAL TO SUMMARY</b>					<b>372,780.00</b>

Item No	Description	Qty	Unit	Rate	Kshs
<b>ELEMENT NO. 2</b>					
<b>SUPERSTRUCTURE FRAME- CONCRETE WORK</b>					
A	Reinforced concrete mix ( 1:2:4 ) in ringbeam and slab	3	CM	10000	30,000.00
B	Y 12 mm diameter reinforcement bars in beams	69	KG	160.00	11,040.00
C	R 8 mm diameter ditto	39	KG	160.00	6,240.00
D	Sawn formwork to sides and soffits of beams	15	SM	350.00	5,250.00
<b>WALLING</b>					
150 mm thick natural stone walling reinforced with approved hoop iron straps and bedded and jointed in cement: sand ( 1:3 ) mortar					
E	External and internal walling	103	SM	1,000.00	103,000.00
F	Gable walling	12	SM	1,000.00	12,000.00
G	Walling above ringbeam	24	SM	1,000.00	24,000.00
H	75 mm Diameter black pipe-3000 mm long complete with "U" bracket and bolts.	2	NO	5,000.00	10,000.00
<b>EXTRA OVER NATURAL STONE WALLING FOR:</b>					
J	Raking cutting fair and filling to profile of the roofing	32	LM	100.00	3,200.00
K	Fine chisel dressing and raking joints horizontally as the work proceeds	103	SM	400.00	41,200.00
<b>SUNDRIES</b>					
L	150 mm wide damp proof course bedded with cement (1:4 ) mortar	40	LM	300.00	12,000.00
<b>TOTAL FOR SUPERSTRUCTURE FRAME TO SUMMARY</b>					<b>257,930.00</b>



*Tellie Kinyol*



Item No	Description	Qty	Unit	Rate	Kshs
	<b>ELEMENT NO. 3</b>				
	<b>ROOFING CARPENTRY AND COVERING</b>				
	<b>TRUSSED TIMBER</b>				
	<b>Sawn celcured cypress grade II in;</b>				
A	100 x 50 mm rafters	41	LM	300	12,300.00 0.00
B	100 x 50 mm tie beams	38	LM	300.00	11,400.00 0.00
C	100 x 50 mm King posts	8	LM	300.00	2,400.00 0.00
D	75 x 50 struts and ties	27	LM	200.00	5,400.00 0.00
	<b>OTHER TIMBER</b>				0.00 0.00
E	100 x 50 mm wall plate anchored	20	LM	300.00	6,000.00 0.00
F	75 x 50 mm purlins	110	LM	200.00	22,000.00 0.00
G	200 x 25 mm fascia boards - planed	21	LM	350.00	7,350.00 0.00
H	200 x 25 mm verge boards - planed	14	LM	350.00	4,900.00 0.00
					0.00 0.00
	<b>ROOF COVERING</b>				0.00
K	Gauge 30 galvanised pre-painted corrugated iron sheets nailed to timber purlins ( M.S )	85	LM	900.00	76,500.00 0.00
L	Gauge 30 ditto ridge and hip pieces	10	LM	300.00	3,000.00 0.00
	<b>TOTAL FOR ROOFING TO SUMMARY</b>				

4

151,250.00

50 JAN 2015

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Item No	Description	Qty	Unit	Rate	Kshs
	<b>ELEMENT NO. 4</b>				
	<b>TIMBER DOORS</b>				
A	100 x 50 mm hardwood rebated door frame	6	LM	300	1800
	<b>WROT CYPRESS</b>				0
B	20 x 20 mm quadrant beading	6	LM	15.00	90
C	40 x 20 architrave	6	LM	15.00	90
D	45 mm (finished ) thick wrot podo framed ledged and braced door size 830 x 2060 mm high consisting of 45 x100 mm stile, diagonal braced and top rail,25 x150 mm lock and bottom rails, filled with 25 mm thick tounge and groved boarding in matched width including champer on edge of adjacent sides to form ' V ' joints	1	NO	5,000.00	5000
	<b>IRONMONGERY</b>				0
E	100 mm pressed steel butt hinges	2	PRS	250.00	500
F	3 lever mortice lock as union complete with accessories	1	NO	2,200.00	2200
	<b>Mild steel casement doors: 100x50x3mm thick frame plugged to concrete or block work with 100mm long fishtailed 25x25x2mm thick angle section, 50x50x3mm thick angle section frames at 300mm centres both sides, angles cut, mitred and welded; panels in filled with glazing (m/s) one coat manufacturer's primer, complete with all necessary ironmongery; all welding ground to smooth finish.</b>				0
					0
					0
G	Single door; 900x2400mm high, including 3 pairs 150mm long purpose made hinges; 2no. 400mm tower bolts and 1no. 300mm D handle	4	NO	13,500.00	54000
	<b>TOTAL FOR DOORS TO SUMMARY</b>				63,680.00





Item No	Description	Qty	Unit	Rate	Kshs
	<b>ELEMENT NO 6</b>				
	<b>FINISHES</b>				
	<b>FLOOR FINISHES</b>				
	Coloured cement: sand (1:3 ) screed steel trowelled smooth:				
A	32 mm thick in floor screed	64	SM	300.00	19,200.00
					0.00
B	25 x 100 mm high skirting with round top edge	36	LM	60.00	2,160.00
					0.00
	<b>EXTERNAL WALL FINISHES</b>				0.00
					0.00
C	Pointing in neat recessed joints horizontally and flush vertical joints on natural stone walling	135	SM	250.00	33,750.00
					0.00
D	Ditto to jambs and reveals	12	SM	250.00	3,000.00
					0.00
	<b>12 mm thick cement: sand ( 1:4 ) render wood floated smooth on</b>				0.00
					0.00
E	Sides and soffits of ringbeam	15	SM	250.00	3,750.00
					0.00
F	Gable walling and walling above ringbeam	36	SM	250.00	9,000.00
					0.00
	<b>INTERNAL WALL FINISHES</b>				0.00
					0.00
	12 mm thick cement : sand (1:4 ) plaster steel trowelled smooth internally on :				0.00
					0.00
G	Walling	155	SM	250.00	38,750.00
					0.00
H	Wall jambs and reveals	7	SM	250.00	1,750.00
	<b>Carried to collection</b>				111,360.00

Item No	Description	Qty	Unit	Rate	Kshs
	<b>PAINTING</b>				
	Prepare surfaces and apply two undercoats and one finishing coats first quality paint as:				
	<b>PLASTIC EMULSION</b>				
A	Rendered surfaces externally	20	SM	250	5000 0
	<b>BLACK BITUMINOUS</b>				0
B	Plinth surfaces externally	30	SM	250	7500 0
	<b>PLASTIC EMULSION</b>				0
C	Plastered surfaces internally	155	SM	250	38750 0
	Timber doors surfaces	7	SM	250	1750 0
D	Ditto. girth 0-100 mm	7	SM	250	1750 0
E	Ditto. girth 100-200 mm	7	LM	120	840 0
F	Metal window surfaces	9	SM	350	3150 0
G	Fascia and verge boards girth 200-300 mm	36	LM	120	4320
	<b>Carried to collection</b>				<b>63060</b>
	<b>COLLECTION</b>				
	Brought forward from page 07				111,360.00
	Brought down from above				63,060.00
	<b>Total for finishes to summary</b>				<b>174,420.00</b>



SUMMARY						
1	Substructures	Page 02				372,780.00
2	Superstructure frame	Page 03				257,930.00
3	Roofing carpentry and covering	Page 04				151,250.00
4	Doors	Page 05				63,680.00
5	Windows	Page 06				98,800.00
6	Finishes	Page 08				174,420.00
7	Allow p.c. sum of KSHs. 100,000/= for electrical Installation		Sum			100,000.00
	Sub Total					1,218,860.00
8	Allow p.c. sum of KSHs25,000/= for PMC allowances		Sum			25,000.00
9	Allow p.c. sum of KSHs. 30,000/= for tender opening, evaluation and advertising		Sum			30,000.00
10	Allow p.c. sum of KSHs.20,000/= for Sign post and labelling the project (branding)		Sum			20,000.00
TOTAL FOR ASSISTANT CHIEF'S OFFICE -4-ROOMED OFFICE						1,293,860.00



*Dahir Kaysah*

