

PROPOSED RESIDENTIAL UNITS - ON PLOT LR NO. MN/1/9550, MOMBASA
COUNTY GOVERNMENT OF LAMU

PROPOSED FAZA SUB DISTRICT HOSPITAL OPD

Item	Description	Qty	Unit	Rate	Kshs
	<u>MAIN BUILDING.</u>				
	<u>ELEMENT NO.1</u>				
	<u>SUBSTRUCTURES (ALL PROVISIONAL)</u>				
	<u>Site preparation</u>				
A	Clear site of debries ,scrubs, small trees undergrovtths and the like, grub up roots and cart away arisings from site	1329	SM		
	<u>Excavations and Earthwork</u>				
B	Excavate oversite to reduce levels	1329	CM		
F	Excavate trenches to receive foundation strip footings commencing at reduced level ,not exceeding 1.50 metres deep.	403	CM		
G	Excavate pit to receive column bases commencing at reduced level ,not exceeding 1.50 metres deep.	76	CM		
H	Extra over all descriptions of excavations and removal from site for excavating in rock or hard material.	55	CM		
	<u>Disposal of excavated materials</u>				
I	Return, fill and ram selected excavated material around foundations including compacting in 300mm thick layers to make up levels.	356	CM		
J	Load surplus excavated materials and cart away from site	178	CM		
	<u>Disposal of water</u>				
K	Allow for keeping the whole of the excavations free from water and mud by pumping pailing or other approved means	1	ITEM		
	<u>Planking and strutting</u>				
L	Allow for maintaining and supporting sides of all excavations and for keeping the same free from fallen materials	1	ITEM		
	<u>Approved hardcore as described</u>				
M	300mm Thick fill , spread, levelled and compacted under floor bed to make up levels	399	CM		
N	50mm Thick murrum blinding to surfaces of hardcore filling, levelled and compacted as necessary	1329	SM		
	<u>Element No 1</u>				
	<u>Substructures</u>				
	<u>Carried to Collection</u>				
		1/1/1			-

PROPOSED RESIDENTIAL UNITS ON PLOT LR NO. MN/1/9550, MOMBASA

Item	Description	Qty	Unit	Rate	Kshs
	<u>Insecticide treatment as described</u>				
A	'TERMIDOR' or other equal and approved on blinded hardcore and exposed foundation wall surface to manufacturers specification; provide 10 years written performance guarantee certificate to approval	1329	SM		
	<u>Damp proof membrane</u>				
B	1000 Gauge polythene or other equal and approved damp proof membrane to BS 3012 laid over blinded hardcore (m.s) with 300mm side and end laps (measured net-allow for laps)	1329	SM		
	<u>Concrete work</u>				
	<u>Mass concrete 1:4:8 mix as described in:</u>				
C	50mm Thick (average) blinding under concrete strip footing	268	SM		
D	Ditto under column bases and retaining wall base	108	SM		
	<u>Vibrated reinforced concrete grade 25 to BS 8110 as described in:</u>				
	<u>Vibrated reinforced concrete grade 25 to BS 8110 as described in:</u>				
E	Column bases	189	CM		
G	Columns	7	CM		
H	Foundation strip footing and ground beam	89	CM		
J	150mm Thick horizontal floor bed	1329	SM		
K	1200 x 450 mm Wide x 150mm Thick slab thickening for staircase including handpacking hardcore to slope and all necessary formwork (2 No.)	2	ITEM		
	<u>High yield square twisted reinforcement bars to B.S 4461 as described in:</u>				
L	8mm Diameter bars	2034	KG		
M	10mm Ditto	840	KG		
N	12mm Ditto	2917	KG		
O	16mm Ditto	847	KG		
	<u>Element No 1</u>				
	<u>Substructures</u>				
	<u>Carried to Collection</u>				-

PROPOSED RESIDENTIAL UNITS ON PLOT LR NO. MN/1/9550, MOMBASA

Item	Description	Qty	Unit	Rate	Kshs
	<u>Mesh fabric reinforcement to BS 4483 set in concrete with 150 mm side and end laps (measured net-allow for laps)</u>				
A	B.R.C Ref: A 143 Weighing 2.22Kgs per square metre	1329	SM		-
	<u>Sawn formwork as described to:</u>				
B	Vertical sides of column	82	SM		
D	Ditto ground beams	268	SM		
	<u>Quarry dressed natural stone bedded and jointed in cement and sand (1:3) mortar as described in</u>				
G	200mm Thick walling in foundation	852	SM		
	<u>Render to Plinth</u>				
	<u>Two coat external cement and sand render (1:4) with woodfloat finish</u>				
H	12mm Thick to walls	1704	SM		
	<u>Prepare and apply two coats bitumastic paint externally on:</u>				
I	Rendered walls	1704	SM		
	<u>Carried to Collection</u>				-
	<u>COLLECTION</u>				
	From page 1/1/1				-
	From page 1/1/2				-
	From Above				-
	<u>Element No 1</u>				-
	<u>Substructures</u>				
	<u>Total Carried to Summary</u>				-

PROPOSED RESIDENTIAL UNITS ON PLOT LR NO. MN/1/9550, MOMBASA

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 2</u>				
	<u>CONCRETE SUPERSTRUCTURE</u>				
	<u>Vibrated reinforced concrete grade 25 as before described in:</u>				
A	Columns	10	CM		
B	Beams	41	CM		
C	150mm Thick horizontal suspended slab	1101	SM		
	<u>High tensile square twisted bars to BS 4449 cut and bent to BS code 8666:2005 as before described</u>				
E	8mm Diameter bars	4669	KG		
F	10mm Ditto	4990	KG		
G	12mm Ditto	2912	KG		
H	16mm Ditto	847	KG		
	<u>Sawn formwork as described to:</u>				
L	Vertical sides of columns	131	SM		
M	Sides and soffits of horizontal suspended beams	637	SM		
N	Horizontal soffits of suspended slab	1209	SM		
	<u>Waterproofing (To be executed by an approved specialist)</u>				
	<u>Prepare and apply "penetron" or equal and approved cappillary system concrete waterproofing strictly in accordance with the manufacturer's latest printed specifications and instructions under a Ten year maintainance free written guarantee as described to:</u>				
Q	Horizontal surfaces of concrete floor bed	1209	SM		
	<u>Element No 2</u>				
	<u>Concrete Superstructure</u>				-
	<u>Total Carried to Summary</u>				-

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Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 3</u>				
	<u>WALLING</u>				
	<u>Approved natural stone walling bedded and jointed in cement and sand (1:4) mortar as described in:</u>				
A	200mm Thick walling including 25 x 20 gauge hoop iron reinforcement at every alternate course	1179	SM		
B	100mm Thick walling including 25 x 20 gauge hoop iron reinforcement at every alternate course	156	SM		
	<u>Damp proof course</u>				
	<u>Hessian based 3 ply bituminous felt horizontal damp proof course to B.S 743, Type "A" weighing not less than 3.8kg per mm2 bedded and levelled in cement and sand (1:3) mortar as described (measured net allow for laps)</u>				
F	200mm Wide	448	LM		
G	150mm Wide	46	LM		
	<u>Element No 3</u>				
	<u>Walling</u>				
	<u>Total Carried to Summary</u>				-

PROPOSED RESIDENTIAL UNITS ON PLOT LR NO. MN/1/9550, MOMBASA

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 4</u>				
	<u>DOORS</u>				
	<u>Wrot camphor selected, kept clean as described in:</u>				
A	20 x 20mm Quadrant beading	255	LM		
B	20 x 25mm Glazing bead	130	LM		
C	45 x 25 mm Moulded architrave with one labour	255	LM		
D	100 x 50mm Framing with one labour, to background requiring plugging	255	LM		
E	100 x 50mm Transome with two labours	40	LM		
F	50mm Thick panelled door size 875 x 2087mm high overall comprising 100 x 50mm top, middle frame and stiles; 200 x 50mm bottom rails; 75 x 50mm sub-frames complete with 8No. panels prepared for and including 50mm thick solid infills raised and fielded both sides set in rebate in frame including all requisite dowelling, morticing and tenoning	31	NO		
H	Unit size 1175 x 2087 mm high ditto	5	NO		
	<u>45 mm Thick semi solid cored standard flush door hardwood lipped all round as described in:</u>				
G	Unit size 875 x 2087 mm high overall faced both sides with and including 9mm thick x 4no.raised and fielded pre-formed panelled mahogany veneered medium density fibre board (MDF) on solid wood core frame and middle rails to approval	13	NO		
	<u>The following from 'Union' or other equal and approved manufacturer(s) as per latest East Africa catalogue including all necessary matching fixing screws.</u>				
I	100 mm Brass hinges ref:HN.DW403020	49	PRS		
J	2- Lever entrance mortice lock ref: 2295PB	36	NO		
K	2- Lever bathroom mortice lock ref: 2294PB	13	NO		
L	3- Lever entrance mortice lock ref: 2295PB,rebated	5	NO		
M	Scroll brass entrance handle ref:100 - 05PB	31	PRS		
N	Ditto but bathroom ref: 100 - 55PB	13	PRS		
O	Oval door stop ref: DS - 01 - PB	49	NO		
	<u>Element No 4</u>				
	<u>Doors</u>				
	<u>Carried to Collection</u>				-

PROPOSED RESIDENTIAL UNITS ON PLOT LR NO. MN/1/9550, MOMBASA

Item	Description	Qty	Unit	Rate	Kshs
	<u>Glazing</u>				-
	<u>4mm Thick obscure sheet glass and glazing to metal as described in:</u>				
C	Panes not exceeding 0.10 square metres	54	SM		
	<u>5mm Thick clear sheet glass and glazing to metal/wood as before described in:</u>				
D	Panes over 0.10 and not exceeding 0.50 square metres (88No.off)	31	SM		
	<u>Painting and Decorating</u>				
	<u>Prepare and apply two coats approved aluminium wood primer to back of woodwork before fixing as described:</u>				
E	Surfaces not exceeding 200 mm girth	255	LM		
	<u>Prepare and apply two coats approved wood stain and three first quality polyurathene vanish on woodwork surfaces internally as described:</u>				
F	Surfaces 200 - 300mm girth	255	LM		
	<u>Prepare and apply three coats first quality approved polyurathene vanish on woodwork surfaces internally as described</u>				
G	General surfaces of woodwork	186	SM		
	<u>Element No 4</u>				-
	<u>Doors</u>				-
	<u>Carried to Collection</u>				-

Item	Description	Qty	Unit	Rate	Kshs
	<u>COLLECTION</u>				
	From page 1/4/1				-
	From page 1/4/2				-
	<u>Element No 4</u>				
	<u>Doors</u>				
	Total Carried to Summary				-

PROPOSED RESIDENTIAL UNITS ON PLOT LR NO. MN/1/9550, MOMBASA

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 5</u>				
	<u>WINDOWS</u>				
	<u>Fired clay tiles as described in:</u>				
A	150 x 15 mm Cill with rounded nosing; bedded and jointed in cement and sand (1:4) mortar, pointed in coloured cement grout to match.	56	LM		
	<u>Curtain rail</u>				
E	Standard section medium duty aluminium curtain rail complete with rollers at 100mm centres, end stops, bends, 150mm overlaps, fixing brackets at 450mm centres including screwing to wood	56	LM		
	<u>Following work to be executed by an approved specialist</u>				
	<u>Standard section purpose made aluminium sliding windows</u>				
	<u>Complete with all iron mongery and furniture</u>				
F	Window size 1800 x 1200mm high overall in 2 No. panes, 1 No. openable top hung, other fixed	43	NO		
M	Window size 700 x 700mm high ditto	44	NO		
	<u>Element No 5</u>				
	<u>Windows</u>				
	<u>Total Carried to Summary</u>				-

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PROPOSED RESIDENTIAL UNITS ON PLOT LR NO. MN/1/9550, MOMBASA

Item	Description	Qty	Unit	Rate	Kshs
A	<p><u>ELEMENT NO 6</u></p> <p><u>FITTINGS AND FIXTURES</u></p> <p><u>Shelves and Cabinets</u></p> <p>Cabinet units size 1200 x 600 x 1200mm high comprising 50 x 50mm general grade wrot cypress framing all round with one labour, plugged to wall; 50 x 50mm transome with two labours; 50 x 25mm shelf, vertical division and drawer bearers ; 45 x 25mm Architraves; 20mm diameter quadrant beading; 20 x 12mm drawer runners or stoppers; 4 No. drawer units each size 600 x 550 x 150mm and 2 No. each size 350 x 550 x 150mm high overall each drawer comprising 100 x 25mm sides, back and 150 x 18mm laminated "MDF" front with recessed decorative moulding all round (one side)complete with 1 No. pull slot and 4mm thick plywood bottom; 1 No. x 20mm thick blockboard shelving size 1950 x 550mm and 1 No. 700 x 600mm 2 No. blockboard vertical divisions each size 600 x 2700mm high hardwood lipping all round; 20mm thick laminated "MDF" board in 4 No. doors each 300 x 450mm high and 4No. each size 600 x 2050mm high hardwood lipped and recessed decorative moulding all round; approved brass marpler hinges, knobs, ball catches, handles, 75mm barrel bolt and cupboard locks; holes bolt and cupboard locks; holes in 20mm thick laminated "MDF" boarding for and including 25mm diameter plastic vents; 25mm diameter x 2 No. chromium plated hanging rails size 700mm long on matching end brackets, set of 4 No. x 25mm diameter chromium plated shoe railing 650mm long each with ends set in holes in and including 2 No. 50 x 25mm framing each size 800mm long, 100mm thick mass concrete plinth, formwork, cement screeding, priming and painting on woodwork.</p>	5	NO		-
	<p><u>Element No 6</u> <u>Fittings and Fixtures</u></p>				-
	<p><u>Total Carried to Summary</u></p>	1/6/1			-

PROPOSED RESIDENTIAL UNITS ON PLOT LR NO. MN/1/9550, MOMBASA

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO 7</u>				
	<u>FINISHES</u>				
	<u>Floor</u>				
A	38mm Thick cement and sand 1:4 screed to receive tiles (ms)	2102	SM		
	<u>Tile Paving as described.</u>				
C	300 x 300 x 6mm Thick floor tiling with proprietary adhesive in approved pattern on screed to approval (m.s)	2102	SM		
	<u>Cypress as described in:</u>				
D	100 x 25mm Thick skirting with rounded top and coved at junction with paving screwed to plugs fixed to wall.	448	LM		
	<u>Wall</u>				
E	12mm Thick cement and sand (1:4) render in two coats to wall or concrete surfaces	2670	SM		
F	10mm Thick cement and sand (1:4) screed finished to receive tiling (m.s)	277	SM		
	<u>Tyrolean finish as described</u>				
G	Prepare and apply textured surface mortar coating to masonry	134	SM		
	<u>Wall tiling to BS 5385</u>				
	<u>Glazed ceramic paving as described</u>				
H	250 x 200 x 6mm Thick first quality coloured tiles bedded and jointed in cement and sand (1:4) mortar pointed in coloured matching cement mortar	277	SM		
	<u>Ceiling</u>				
I	12 mm Thick cement/lime/sand (1:1:6) plaster to concrete soffits	2102	SM		
J	100 x 12mm Coved cornice	448	LM		
	<u>Element No 7</u>				
	<u>Finishes</u>				
	<u>Carried to Collection</u>				
		1/7/1			-

PROPOSED RESIDENTIAL UNITS ON PLOT LR NO. MN/1/9550, MOMBASA

Item	Description	Qty	Unit	Rate	Kshs
	<u>Painting and Decorating</u>				
	<u>Knot, prime, stop and apply one undercoat and two finishing coats first quality gloss oil paint on woodwork internally as described</u>				
C	Surfaces not exceeding 100 mm girth	277	LM		
	<u>Prepare and apply one undercoat and three finishing coats first quality plastic emulsion paint as described</u>				
D	Plastered wall or concrete surfaces	2670	SM		
E	Plastered concrete soffits	2102	SM		
	<u>Carried to Collection</u>				-
	<u>COLLECTION</u>				
	From Page 1/7/1				-
	From above				-
	<u>Element No 7</u>				
	<u>Finishes</u>				
	<u>Total Carried to Summary</u>				-

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PROPOSED RESIDENTIAL UNITS ON PLOT LR NO. MN/1/9550, MOMBASA

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO. 8</u>				
	<u>PLUMBING INSTALLATION</u>				
	<u>Supply and fix the following sanitaryware including all necessary builders work in connection.</u>				
A	WC Suites; "Tywforde Classic ref. 10003" or equal and approved pan: 9 litre cistern; valveless fittings with plastic syphon, flush bend and cistern supports; inlet connection; overflow; chromium plated lever; medium duty plastic seat and cover	16	NO		
B	Medium size semi recessed wall mounted ceramic toilet roll holder complete with plastic roller	16	NO		
	<u>Wash hand basins: "Tywforde Classic ref 14003" or equal and approved; white; No. 54351 chain waste; 32mm chromium plated bottle trap; 15mm Bricon taps</u>				
C	510 x 405mm; fixing with brass screws; to background requiring plugging	16	NO		
	<u>Cold and hot water supply</u>				
I	1000-litre cylindrical plastic cold water storage tank as "Kentainers" or equal and approved. The tank shall be complete with the following:- - all inlet, outlet, and overflow connections and other fittings, - medium pressure ball valves (1 No.), - water tank cover	4	NO		
J	Provide the provisional sum of Kshs. 100, 000/= (Kenya Shillings one Hundred Thousand Only) for water supply (Pipework only)		SUM		
K	Provide the provisional sum of Kshs. 200, 000/= (Kenya Shillings Two Hundred Thousand Only) for soil and waste drainage works including testing and commissioning the drainage system to the Engineer's Approval		SUM		
L	Pressure test and commission the installation to Engineer's Approval		ITEM		
	<u>Element No 8</u>				
	<u>Plumbing Installation</u>				
	<u>Total Carried to Summary</u>				-

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PROPOSED RESIDENTIAL UNITS ON PLOT LR NO. MN/1/9550, MOMBASA

Item	Description	Qty	Unit	Rate	Kshs
	<p><u>ELEMENT NO. 9</u></p> <p><u>ELECTRICAL INSTALLATION</u> <u>TO BE EXECUTED BY A REGISTERED ELECTRICIAN</u></p> <p><u>Note:</u> All electrical light fittings, switches and sockets to be ordinary English quality</p> <p>A Provide the provisional sum of Kshs 950,000/= (Kenya Shillings nine hundred and fifty thousand only) for Electrical Installation works to include the following: -</p> <p>Socket outlets</p> <p>Switches</p> <p>Light fittings</p> <p>All builders work in connection with Electrical Installation</p> <p>Kenya Power and Lighting Co. Ltd power connection</p>				
	<p><u>Element No 9</u> <u>Electrical Installation</u></p>				
	<p><u>Total Carried to Summary</u></p>	1/9/1			-

PROPOSED RESIDENTIAL UNITS ON PLOT LR NO. MN/1/9550, MOMBASA

Item	Description	Qty	Unit	Rate	Kshs
	<u>ELEMENT NO. 10</u>				
	<u>PROVISIONAL SUMS</u>				
A	Allow a provisional sum of Kenya shillings three hundred thousand for project management		Lot	300,000.00	
B	Allow a sum of Kenya shillings three hundred and fifty thousands as contingency to be used at the discretion of the project manager		Lot	350,000.00	
	<u>Element No 10</u> <u>PC Sums</u>				
	<u>Total Carried to Summary</u>				-

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Item	Description	Kshs		
<u>BILL NO 1</u>				
<u>MAIN BUILDING WORKS</u>				
<u>SUMMARY</u>				
A	SUBSTRUCTURES FROM PAGE 1/1/3			
B	CONCRETE. SUPERSTRUCTURE FROM PAGE 1/2/1			
C	WALLING FROM PAGE 1/3/1			
D	DOORS FROM PAGE 1/4/3			
E	WINDOWS FROM PAGE 1/5/1			
F	FITTINGS AND FIXTURES FROM PAGE 1/6/1			
G	FINISHES FROM PAGE 1/7/2			
H	PLUMBING INSTALLATION FROM PAGE 1/8/1			
I	ELECTRICAL INSTALLATION FROM PAGE 1/9/1			
J	PC SUMS FROM PAGE 1/10/1			
<u>TOTAL TENDER SUM CARRIED TO FORM OF TENDER</u>				
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>.....</p> <p>SIGNATURE OF CONTRACTOR</p> <p>NAME:.....</p> <p>.....</p> <p>ADDRESS:.....</p> <p>DATE:.....</p> <p>.....</p> <p>SIGNATURE OF WITNESS</p> <p>NAME:.....</p> <p>DATE:.....</p> </td> <td style="width: 50%; vertical-align: top;"> <p>.....</p> <p>SIGNATURE OF EMPLOYER</p> <p>NAME:.....</p> <p>.....</p> <p>ADDRESS:.....</p> <p>DATE:.....</p> <p>.....</p> <p>SIGNATURE OF WITNESS</p> <p>NAME:.....</p> <p>DATE:.....</p> </td> </tr> </table> <p>Main Summary</p>			<p>.....</p> <p>SIGNATURE OF CONTRACTOR</p> <p>NAME:.....</p> <p>.....</p> <p>ADDRESS:.....</p> <p>DATE:.....</p> <p>.....</p> <p>SIGNATURE OF WITNESS</p> <p>NAME:.....</p> <p>DATE:.....</p>	<p>.....</p> <p>SIGNATURE OF EMPLOYER</p> <p>NAME:.....</p> <p>.....</p> <p>ADDRESS:.....</p> <p>DATE:.....</p> <p>.....</p> <p>SIGNATURE OF WITNESS</p> <p>NAME:.....</p> <p>DATE:.....</p>
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