

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

Item	Description	Unit	Quantity	Rate	Amount
	<u>GROUND FLOOR</u>				
	<u>COMPLETION OF WORKS TO GROUND FLOOR</u>				
	<u>SITE WORKS</u>				
	<u>DEMOLITIONS AND ALTERATIONS</u>				
	<u>Ground floor</u>				
	Removing				
a	polythene damp proof membranes, complete with mesh fabric reference A 252, hacking edges of 150 mm thick concrete bed, net total 38.8 square metres	Item			
b	polythene damp proof membranes, complete with mesh fabric reference A 252, removing shuttering to edges; net total 377.9 square metres	Item			
c	steel bar cages for column reinforcement set aside for use; net total 13 No. column cages 4500 mm high reinforced in 12 mm high tensile and 8 mm links, steel to be wire brushed and treated to Engineer's approval	Item			
d	shuttering for beams generally and set aside upon Engineer's approval	Item			
e	shuttering to Arches; net total 24 No.; upon Engineer's approval	Item			
f	shuttering to staircases; net total 2 No.; upon Engineer's approval	Item			
g	shuttering to lift shafts; net total 2 No.; upon Engineer's approval	Item			
	<u>ANTI-TERMITE TREATMENT</u>				
	<u>Gladiator 4TC: 1% solution or other equal and approved</u>				
	At the rate of 7 litres per square metre				
h	to hardcore beds and tops of foundation walls	SM	417		
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE</u>				
	<u>Reinforced concrete</u>				
	Normal; class 25(20); in cement grade 42.5 N; vibrated; in				
i	beds; 150 mm thick	CM	63		
j	steps	CM	12		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount

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	<u>REINFORCEMENT</u>				
	<u>Fabric: B.S 4483</u>				
	Reference A252; weight 3.95 kg/sq.m				
a	in any location	SM	417		
	<u>SHUTTERING</u>				
	<u>Generally</u>				
	Generally to				
b.	edges; 75 to 150 mm wide	LM	97		
c	edges; 75 to 150 mm wide; curved irrespective of radius	LM	52		
	<u>PRECAST CONCRETE</u>				
	<u>Normal; class 25(15); in cement grade 42.5 N; vibrated; part surface fair finish; in</u>				
	Service ducts cover slab				
d	600 x 600 x 100 mm; reinforced as necessary for handling; placing over service duct channels	LM	8		
e	600 x 1200 x 100 mm; reinforced as necessary for handling; placing over service duct channels	LM	65		
	<u>SUNDRIES</u>				
	Jointing new to existing concrete; generally to				
f	floor slabs; 150 mm wide	LM	60		
	Expansion joints in concrete; formwork				
g	20 mm thick; filling with polystyrene material	SM	6		
h	20 x 20 joint sealant; sikaflex PRO 2 HP	LM	66		
	<u>THERMAL AND MOISTURE PROTECTION</u>				
	<u>DAMP PROOF MEMBRANES</u>				
	<u>Polythene; 500 gauge; 150 mm laps</u>				
	Horizontally				
i	generally	SM	417		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount

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<u>FLOWER BOXES - SIZE 6.0 X 6.0 metres = 3 No.</u>					
<u>HARDCORE OR THE LIKE</u>					
<u>Aggregate</u>					
Filling for planter boxes					
a	175 mm thick; depositing; grading and levelling	CM	18		
<u>Imported garden soil</u>					
Filling for planter boxes					
b	150 mm thick; depositing; compacting and levelling	CM	15		
<u>CONCRETE WORK</u>					
<u>SUNDRIES</u>					
Forming sump or the like; shuttering					
c	300 x 300 x 150 mm	No.	3		
<u>MASONRY</u>					
<u>PLANTER WALLS</u>					
<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>					
Walls					
d	200 mm thick	SM	70		
<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>					
Sump walls					
e	300 x 300 x 350 mm internally; 100 mm thick side walls	No.	3		
<u>UNDERGROUND DRAINAGE</u>					
<u>Pipe work</u>					
Drainage disposal					
g	100 mm; 15 mm diameter perforations at 600 mm centres; horizontal	LM	35		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>WOODWORK</u>					

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	<u>FINISHINGS AND FITTINGS</u>				
	<u>Mvule; grade F; selected</u>				
	Worktops; seats and the like				
a	50 mm thick x 450 mm wide; wood surfaces sanded and three coats matt Polyurethane clear varnish	LM	70		
	<u>THERMAL AND MOISTURE PROTECTION</u>				
	<u>DAMP PROOF COURSES</u>				
	<u>B.A 743; Type A; Bitumen Hessian based</u>				
	Horizontal				
b	100 mm wide	LM	70		
	<u>Geo - textile membrane to approval</u>				
	Horizontally				
c	generally	SM	100		
	<u>FINISHES</u>				
	<u>FINISHINGS</u>				
	<u>Render; cement and sand (1:4); wood floated; external</u>				
	15 mm thick				
d	to walls	SM	215		
e	to walls; curved irrespective of radius	SM	35		
	<u>COLLECTION</u>			K. Shs.	
	Brought forward from page 3/-1				
	" " " " 3/-2				
	" " " " 3/-3				
	" " " " 3/-4 above				
	<u>Total for Completion Works carried to Ground floor - To Ground Floor Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>REINFORCED CONCRETE FRAMES AND SLAB</u>				

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<u>CONCRETE WORK</u>					
<u>POURED CONCRETE</u>					
<u>Reinforced concrete</u>					
Normal; class 25(20); in cement grade 42.5 N; vibrated; in					
a	suspended slabs; 150 mm thick	CM	16		
b	suspended slabs; 175 mm thick	CM	317		
c	beams	CM	136		
Design mix; class 30(20); in cement grade 42.5 N; vibrated; in					
d	columns	CM	10		
<u>REINFORCEMENT (PROVISIONAL)</u>					
<u>Bars; High yield steel; Cold worked; B.S 4461</u>					
In any location					
e	32mm -12 mm	KG	32,750		
f	10 mm	KG	5,360		
g	8 mm	KG	19,200		
<u>SHUTTERING</u>					
<u>Generally</u>					
Generally to					
h	soffits of slab; strutting at 3.95 metres high	SM	2,009		
i	sides and soffits of beams; strutting to soffits at 3.95 metres high	SM	1,582		
j	sides of columns	SM	75		
k	edges; 75 to 150 mm wide	LM	325		
l	edges; 75 to 150 mm wide; curved irrespective of radius	LM	25		
m	edges; 150 to 225 mm wide	LM	45		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>SUNDRIES</u>					
	Wall ties one end cast into concrete; other end built into joints of masonry				

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a	25 x 450 mm	No.	2,380		
	Expansion joints in concrete; formwork				
b	20 mm thick; filling with polystyrene material	SM	15		
c	20 x 20 joint sealant; sikaflex PRO 2 HP	LM	111		
<u>Total Carried To Collection</u>				K. Shs.	
<u>COLLECTION</u>					
Brought forward from page 3/-5					
"	"	"	"	3/-6 above	
<u>Total for Reinforced Concrete Frames and Slab - Carried to Ground floor Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>EXTERNAL WALLING AND INTERNAL PARTITIONS</u>					
<u>MASONRY</u>					

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	<u>EXTERNAL WALLING</u>				
	<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>				
	Walls				
a	200 mm thick	SM	305		
	<u>INTERNAL PARTITIONS</u>				
	<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>				
	Walls				
b	200 mm thick	SM	1,295		
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Walls				
c	150 mm thick	SM	356		
d	100 mm thick; reinforced	SM	21		
	<u>THERMAL AND MOISTURE PROTECTION</u>				
	<u>DAMP PROOF COURSES</u>				
	<u>B.A 743; Type A; Bitumen Hessian based</u>				
	Horizontal				
e	100 mm wide	LM	17		
f	150 mm wide	LM	90		
g	200 mm wide	LM	580		
	<u>Total for External and Internal Walls - Carried to Ground floor Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>ROOF COVERINGS AND PARAPET WALLS</u>				
	<u>CONCRETE WORK</u>				
	<u>PRE-CAST CONCRETE</u>				

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	<p>Normal; class25(15); vibrated; part surfaces fair faced finished</p> <p>Copings</p>				
a	<p>300 mm x 100 mm extreme thick; twice weathered and throated; reinforced as necessary for handling; bedding, jointing and pointing in cement mortar (1:4)</p>	LM	52		
<p><u>MASONRY</u></p>					
<p><u>PARAPET WALLS</u></p>					
	<p>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</p> <p>Parapet walls</p>				
b	<p>200 mm thick</p>	SM	63		
<p><u>THERMAL AND MOISTURRE PROTECTION</u></p>					
<p><u>Notes</u></p>					
<p>All bituminous membrane coverings for flat areas, sloping roofs and gutters to be executed by a specialist Roofing Contractor and who shall provide a ten years written warranty to the Employer.</p>					
<p>Notwithstanding the above, the main contractor is to provide a written guarantee and undertaking to the effect that during a period of first twelve calendar months from and after the certified date of completion of the works, the main Contractor at his own expenses, make good to the satisfaction of the Architect all and any defects in the work that shall be attributed to improper materials and /or faulty workmanship and shall bear the cost of any consequential damage as provided in such guarantee.</p>					
<p>Preferred Roofing Sub-contractor for executing the following to the full satisfaction of the Architect.....</p>					
<p>_____</p> <p>_____</p>					
<p><u>Total Carried To Collection</u></p>				<p align="right">K. Shs.</p>	
Item	Description	Unit	Quantity	Rate	Amount
<p><u>COVERING AND LININGS</u></p>					
<p>Priming screeded surfaces with one of Ruberoid bitumen solvent primer; Rubertorch SBS Polyester reinforced membrane roofing felt, glass fibre based 275 GSM weighing 50 kilograms per ten square metre; 4.5 mm nominal thickness, mineral surface finish; torched onto primed surfaces with propane gas;</p>					

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	<u>100 mm laps; as recommended by the Manufacturer.</u>				
	Two coat work; to concrete, masonry or screeded base; generally				
a	to flat areas	SM	319		
b	to vertical areas; curved irrespective of radius	SM	111		
c	outlets	No.	4		
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand(1:4); waterproofed; external</u>				
	To roofs; screeded				
d	75 mm average thick; to receive water proofed membrane	SM	319		
e	35 mm thick; to receive quarry tiles	SM	319		
	Angle fillets				
f	150 x 150 mm	LM	92		
	<u>FINISHINGS</u>				
	<u>Render; cement and sand (1:4); wood floated; external</u>				
	15 mm thick				
g	to walls	SM	115		
h	to walls; curved irrespective of radius	SM	12		
	<u>Quarry tiles; bedding and jointing in cement mortar (1:4); grouting joints with approved grouting compound; applying one coat silicon resin water proof solution; external</u>				
	200 x 200 x 10 mm				
i	to flat roofs	SM	319		
j	to skirtings; 150 mm wide; 45° slope	LM	92		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>DECORATIONS</u>				
	<u>One under coat ' CROWN "SOLO" Plus 3 PRIMER'; two finishing coats CROWN "SOLO" PERMACOTE'; B.S 4800; or similar approved; applied in accordance with Manufacture's written instructions and to Architects specification</u>				
	Plastered surfaces; externally; on				

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a	walls	SM	127		
	<u>Total Carried To Collection</u>			K. Shs.	
	<u>COLLECTION</u>				
	Brought forward from page 3/-8				
	" " " " 3/-9				
	" " " " 3/-10 above				
	<u>Total for Roof Coverings and parapet walls - Carried to Ground floor Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>DOORS AND WINDOW OPENINGS</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE</u>				
	<u>Reinforced</u>				

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	Normal; class 25(20); vibrated; in				
a	window hood; 75 mm thick	CM	8		
	<u>REINFORCEMENTS (PROVISIONAL)</u>				
	Bars; High yield steel; cold worked; B.S 4461				
b	10 mm	KG	552		
c	8 mm	KG	600		
	<u>SHUTTERING</u>				
	<u>GENERALLY</u>				
	Generally to				
d	soffits of slab	SM	107		
e	edges; 75 to 150 mm wide	LM	41		
	<u>PRE-CAST CONCRETE</u>				
	<u>Normal; class 25(15); vibrated</u>				
	Lintels				
f	200 x 200 mm; reinforced for 12 mm diameter mild steel bars; 6 mm diameter links at 200 mm centre to centre	LM	145		
	<u>Normal; Class 25(15); vibrated; part surface fair faced finished</u>				
	Sills				
g	300 x 100 mm extreme thick; once sunk, once weathered, once throated with 10 mm drip; bottom once rebated; reinforced as necessary for handling; 25 x 3 mm mild steel galvanized weather bar setting in groove; bedding , jointing and pointing in cement mortar (1:4)	LM	161		
	<u>Total for Door and Window openings - Carried to Ground Floor Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>WET FINISHES</u>				
	<u>BUILT IN CONCRETE FITTINGS</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE</u>				
	<u>Plain</u>				

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a	Normal; mix (1:3:6-25mm);vibrated; in benching; 100 mm thick	CM	2		
	<u>Reinforced</u>				
b	Normal; mix (1:2:4-25mm); vibrated; in kitchen worktops and the like; 75 mm thick; including for all 75 x 100mm chasing in concrete or masonry	SM	21		
	<u>REINFORCEMENTS</u>				
	Reference A142; weight 2.22 kg/sq.m				
c	in any location	SM	21		
	<u>SHUTTERING</u>				
	<u>GENERALLY</u>				
	Generally to				
d	worktops, vanity tops and the like	SM	21		
	Boxing through 75 mm slabs to form opening size				
e	500 x 500	No.	5		
	<u>MASONRY</u>				
	<u>SUPPORT AND PANEL WALLS</u>				
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Walls				
f	100 mm thick; reinforced	SM	7		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>FLOOR FINISHES</u>				
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand (1:4); internally</u>				
	To floors; screeded				
a	40 mm thick; to receive tiles	SM	2170		

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<u>WALL FINISHES</u>					
<u>BACKGROUNDS</u>					
	<u>Mortar; cement and sand (1:4); internally</u>				
	To walls; screeded				
b	15 mm thick; to receive tiles	SM	186		
c	15 mm thick; to receive skirting	SM	118		
	<u>Mortar; cement and sand (1:4); externally</u>				
	To walls screeded				
d	15 mm thick; to receive cladding	SM	72		
e	15 mm thick; to receive mosaic tiles	SM	22		
<u>FINISHINGS</u>					
	<u>Plaster; 12 mm first coat of cement and sand (1:4); 3 mm second coat of cement lime putty (1:10); steel trowelled; 'NIRU' finish; internal</u>				
f	15 mm thick to walls	SM	5056		
	<u>Decorative plaster work in cement and sand (1:4); to Architect's Detail</u>				
	Double plaster finish to walls; 15 mm first coat of cement and sand (1:4); 13 mm second coat of cement and sand (1:4) wood floated; external				
g	28 mm thick with 20 x 12 mm recessed horizontal pointing as work pro	SM	688		
	Wall bands; mouldings, motifs and the like				
h	300 mm wide moulding to detail	LM	480		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
a	Finishings to columns, bases, capitals and the like base mouldings with five concentric profiled rings; base rings of 450 mm diameter x 50 mm ring skirting; second tier of 400 mm diameter x 100 mm ring; three tie rings 50 mm thick at top with coved detail	No.	6		
b	capital mouldings with astragal rings and three concentric profiled rings; astragal of 450 mm diameter x 100 mm ring with coved detail.	LM	6		

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	<u>CEILING FINISHES</u>				
	<u>FINISHINGS</u>				
	<u>Plaster; 12 mm first coat of cement and sand (1:4); 3 mm second coat of cement lime putty (1:10); steel trowelled; 'NIRU' finish; internal</u>				
	15 mm thick				
	to ceilings	SM	2720		
	<u>WORKTOPS, VANITY TOPS AND THE LIKE</u>				
	<u>BACKGROUNDS</u>				
d	<u>Mortar; cement and sand (1:4); internally</u>				
	20 mm thick				
	to receive tiles	SM	21		
	<u>Mortar; cement and sand (1:4);hardened; steel trowelled; internal</u>				
	50 mm thick				
e	to top of benchings	SM	21		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>COLLECTION</u>				
	Brought forward from page 3/-12				
"	" " " " 3/-13				
"	" " " " 3/-14				

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	<p><u>Total for Wet Finishes - Carried to Ground Floor Summary</u></p>			<p align="right">K. Shs.</p>	
Item	Description	Unit	Quantity	Rate	Amount
	<p><u>APPLIED EXPOSED FINISHES</u></p> <p><u>FLOOR FINISHES</u></p> <p><u>FINISHINGS</u> (Please Note:- Supply Only of tiles is measured elsewhere)</p> <p><u>Take delivery from store on site; distribute; fix with 'Sealmaster 101' or other equal and approved tile adhesive compound; grouting joints with matching Sealmaster 201' grout or other equal and approved . providing spacers as required for</u></p> <p>Tiles; internally</p>				

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a	to floors	SM	2170		
b	to skirting; 100 mm high	LM	1176		
<u>WALL FINISHES</u>					
<u>FINISHINGS</u>					
<u>Take delivery from store on site; distribute; fix with 'Sealmaster 101' or other equal and approved tile adhesive compound; grouting joints with matching Sealmaster 201' grout or other equal and approved , providing spacers as required for</u>					
Tiles; internally					
c	to walls	SM	186		
d	toilet roll holders; size 150 x 150 mm	No.	10		
Tiles externally					
e	mosaic tiles to Architect's approval	SM	22		
<u>FACEWORK</u>					
300 x 200 x 30 mm coral cut tiles finished with water repellent agent as miriseal or other equal and approved.					
f	to walls externally	SM	72		
<u>SUNDRIES - PROVISIONAL</u>					
Accessories					
g	marine quality stainless steel corner strips; setting in tiles	LM	71		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>DECORATIONS</u>					
<u>One under coat; 'CROWN ' SOLO; Plus 3 primer; two finishing coat 'CROWN' PERMAPLAST; B.S 4800; or similar to approval; applied in accordance with manufacturer's written instructions and to Architect's specification</u>					
Rendered surfaces; Provisional; externally on					
a	walls	SM	250		
Rendered surfaces; externally on					
b	walls with recessed pointing	SM	688		

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c	<p><u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacture, CROWN SOLO or similar and approved</u></p> <p>Plastered surfaces; internally on walls</p>	SM	4752		
<u>CEILING FINISHES</u>					
<u>FINISHINGS</u>					
<u>DECORATIONS</u>					
d	<p><u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacture, CROWN SOLO or similar and approved (application to be in accordance with manufacturer's specification</u></p> <p>Plastered surfaces; internally on ceiling</p>	SM	2720		
<u>WORKTOPS; VANITY TOPS AND THE LIKE</u>					
e	<p><u>Take delivery from stores on site; distribute; fix only</u></p> <p>Granite slabs; generally to worktops, vanity tops and the like</p>	SM	21		
<u>Total Carried To Collection</u>				K. Shs.	
<u>COLLECTION</u>					
Brought forward from page 3/-16					
" " " " 3/-17					
<u>Total for Applied Exposed Finishes - Carried to Ground Floor Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI</u>					
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<u>GROUND FLOOR SUMMARY</u>					
1.0 WORKS BELOW LOWEST SLAB FINISH					
2.0 REINFORCED CONCRETE FRAMES AND SLAB					

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	3.0 EXTERNAL WALLING AND INTERNAL PARTITIONS		3/-7		
	4.0 ROOF COVERINGS AND PARAPET WALLS		3/-10		
	5.0 DOORS AND WINDOW OPENINGS		3/-11		
	6.0 WET FINISHES		3/-15		
	7.0 APPLIED EXPOSED FINISHES		3/-17		
	Total for Ground Floor - Carried to Section No. 3 Summary			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>FIRST FLOOR</u>				
	<u>REINFORCED CONCRETE FRAMES AND SLAB</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE (PROVISIONAL)</u>				
	<u>Reinforced concrete</u>				
	Normal; class 25(20); in cement grade 42.5 N; vibrated; in				
a	suspended slabs; 150 mm thick	CM	2		
b	suspended slabs; 175 mm thick	CM	271		

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c	beams	CM	103		
	Design mix; class 30(20); in cement grade 42.5 N; vibrated; in				
d	columns	CM	28		
	<u>REINFORCEMENTS (PROVISIONAL)</u>				
	<u>Bars: High yield steel; Cold worked: B.S 4461</u>				
	In any location				
e	32mm -12 mm	KG	40,000		
f	10 mm	KG	7,000		
g	8 mm	KG	14,800		
	<u>SHUTTERING</u>				
	<u>Generally</u>				
	Generally to				
h	soffits of slab	SM	1,593		
i	sides and soffits of beams	SM	1,197		
j	sides of columns	SM	323		
k	edges; 75 to 150 mm wide	LM	132		
l	edges; 75 to 150 mm wide; curved irrespective of radius	LM	12		
m	edges; 150 to 225 mm wide	LM	45		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>SUNDRIES</u>				
	Wall ties one end cast into concrete; other end built into joints of masonry				
a	25 x 450 mm	No.	1,445		
	Expansion joints in concrete; formwork				
b	20 mm thick; filling with polystyrene material	SM	366		
c	20 x 20 joint sealant; sikaflex PRO 2 HP	LM	111		
	<u>Total Carried To Collection</u>			K. Shs.	
	<u>COLLECTION</u>				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

Brought forward from page 3/-19					
" " " " 3/-20 above					
<u>Total for Reinforced Concrete Frames and Slabs - Carried to First Floor Summary</u>					K. Shs.
Item	Description	Unit	Quantity	Rate	Amount
	<u>EXTERNAL WALLING AND INTERNAL PARTITIONS</u>				
	<u>MASONRY</u>				
	<u>EXTERNAL WALLING</u>				
	<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>				
	Walls				
a	200 mm thick	SM	250		
	<u>INTERNAL PARTITIONS</u>				
	<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	Walls				
b	200 mm thick	SM	742		
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Walls				
c	150 mm thick	SM	131		
d	100 mm thick; reinforced	SM	21		
	<u>Total for External and Internal Walls - Carried to First Floor Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>DOORS AND WINDOW OPENINGS</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE</u>				
	<u>Reinforced</u>				
	Normal; class 25(20); vibrated; in				
a	window hood; 75 mm thick	CM	6		
	<u>REINFORCEMENTS (PROVISIONAL)</u>				
	Bars; High yield steel; cold worked; B.S 4461				
b	10 mm	KG	420		
c	8 mm	KG	864		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	<u>SHUTTERING</u>				
	<u>GENERALLY</u>				
	Generally to				
d	soffits of slab	SM	80		
e	edges; girth 75 to 150 mm wide	LM	36		
	<u>PRE-CAST CONCRETE</u>				
	<u>Normal; class 25(15); vibrated</u>				
	Lintels				
f	200 x 200 mm; reinforced for 12 mm diameter mild steel bars; 6 mm diameter links at 200 mm centre to centre	LM	169		
	<u>Normal; Class 25(15); vibrated; part surface fair faced finished</u>				
	Sills				
g	300 x 100 mm extreme thick; once sunk and twice weathered, once throated with 10 mm drip; bottom once rebated; reinforced as necessary for handling; 25 x 3 mm mild steel galvanized weather bar setting in groove; bedding , jointing and pointing in cement mortar (1:4)	LM	127		
	<u>Total for Door and Window Openings - Carried to First Floor Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>WET FINISHES</u>				
	<u>BUILT IN CONCRETE FITTINGS</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE</u>				
	<u>Reinforced</u>				
	Normal; mix (1:2:4-25mm); vibrated; in				
a	kitchen worktops and the like; 75 mm thick; including for all 75 x 100mm chasing in concrete or masonry	SM	4		
	<u>REINFORCEMENTS</u>				
	Reference A142; weight 2.22 kg/sq.m				
b	in any location	SM	4		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	<u>SHUTTERING</u>				
	<u>GENERALLY</u>				
	Generally to				
c	worktops, vanity tops and the like	SM	4		
	Boxing through 75 mm slabs to form opening size				
d	500 x 500	No.	1		
	<u>MASONRY</u>				
	<u>SUPPORT AND PANEL WALLS</u>				
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Walls				
e	100 mm thick; reinforced	SM	2		
	<u>Normal; Class 25(15); vibrated; part surface fair faced finished</u>				
	Balustrades; comprising 200 x 90 mm bottom cills; reinforced as necessary; 250 x 200 mm extreme thick copings; reinforced as necessary; infill's of 200 mm centres spindle middle bulge shaped balusters with 150 x 100 x 50 mm base and heads; reinforced as at 200 mm centres; bedding, jointing and pointing in cement mortar (1:4); three coats pure acrylic weather guard external paint to Architect's detail				
f	1000 mm high	LM	127		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>FLOOR FINISHES</u>				
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand (1:4); internally</u>				
	To floors; screeded				
a	40 mm thick; to receive tiles	SM	1549		
	<u>WALL FINISHES</u>				
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand (1:4); internally</u>				
	To walls; screeded				
b	15 mm thick; to receive tiles	SM	178		
c	15 mm thick; to receive skirting	SM	107		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	<u>Mortar; cement and sand (1:4); externally</u>				
	To walls screeded				
d	15 mm thick; to receive cladding	SM	72		
e	15 mm thick; to receive mosaic tiles	SM	22		
	<u>FINISHINGS</u>				
	<u>Render; cement and sand (1:4); wood floated; external</u>				
	To walls screeded				
f	20 mm thick	SM	410		
	<u>Plaster; 12 mm first coat of cement and sand (1:4); 3 mm second coat of cement lime putty (1:10); steel trowelled; 'NIRU' finish; internal</u>				
	15 mm thick				
g	to walls	SM	2869		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>CEILING FINISHES</u>				
	<u>FINISHINGS</u>				
	<u>Plaster; 12 mm first coat of cement and sand (1:4); 3 mm second coat of cement lime putty (1:10); steel trowelled; 'NIRU' finish; internal</u>				
	15 mm thick				
a	to ceilings	SM	1895		
	<u>WORKTOPS, VANITY TOPS AND THE LIKE</u>				
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand (1:4); internally</u>				
	20 mm thick				
b	to receive tiles	SM	4		
	<u>Total Carried To Collection</u>			K. Shs.	

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<u>COLLECTION</u>					
Brought forward from page 3/-23					
" " " " 3/-24					
" " " " 3/-25 above					
<u>Total for Wet Finishes - Carried to First Floor Summary</u>					K. Shs.
Item	Description	Unit	Quantity	Rate	Amount
<u>APPLIED EXPOSED FINISHES</u>					
<u>FLOOR FINISHES</u>					
(Please Note:- Supply Only of tiles is measured elsewhere)					
<u>FINISHINGS</u>					
<u>Take delivery from store on site; distribute; fix with 'Sealmaster 101' or other equal and approved tile adhesive compound; grouting joints with matching Sealmaster 201' grout or other equal and approved . providing spacers as required for</u>					
Tiles; internally					
a	to floors	SM	1549		
b	to skirting; 100 mm high	LM	1069		
<u>WALL FINISHES</u>					
<u>FINISHINGS</u>					
<u>Take delivery from store on site; distribute; fix with 'Sealmaster 101' or other equal and approved tile adhesive compound; grouting joints with matching</u>					

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	<u>Sealmaster 201' grout or other equal and approved , providing spacers as required for</u>				
	Tiles; internally				
c	to walls	SM	178		
d	toilet roll holders; size 150 x 150 mm	No.	9		
	<u>SUNDRIES</u>				
	Accessories				
g	marine quality stainless steel corner strips; setting in tiles	LM	73		
	<u>DECORATIONS</u>				
	<u>One under coat; 'CROWN ' SOLO; Plus 3 primer; two finishing coat 'CROWN' PERMAPLAST; B.S 4800; or similar to approval; applied in accordance with manufacturer's written instructions and to Architect's specification</u>				
	Rendered surfaces; externally on				
h	walls	SM	688		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacture, CROWN SOLO or similar and approved</u>				
	Plastered surfaces; internally on				
a	walls	SM	4752		
	<u>CEILING FINISHES</u>				
	<u>FINISHINGS</u>				
	<u>DECORATIONS</u>				
	<u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacture, CROWN SOLO or similar and approved (application to be in accordance with manufacturer's specification</u>				
	Plastered surfaces; internally on				
b	ceiling	SM	1895		
	<u>WORKTOPS; VANITY TOPS AND THE LIKE</u>				
	<u>Take delivery from stores on site; distribute; fix only</u>				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

Item	Description	Unit	Quantity	Rate	Amount
<u>Total for First Floor - Carried to Section No. 3 Summary</u>				K. Shs.	
<u>SECOND FLOOR</u>					
<u>REINFORCED CONCRETE FRAMES AND SLAB</u>					
<u>CONCRETE WORK</u>					
<u>POURED CONCRETE</u>					
<u>Reinforced concrete</u>					
Normal; class 25(20); in cement grade 42.5 N; vibrated; in					
a	suspended slabs; 150 mm thick	CM	2		
b	suspended slabs; 175 mm thick	CM	271		
c	beams	CM	103		
Design mix; class 30(20); in cement grade 42.5 N; vibrated; in					
d	columns	CM	28		
<u>REINFORCEMENTS (PROVISIONAL)</u>					
<u>Bars: High yield steel; Cold worked; B.S 4461</u>					

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	In any location				
e	32mm -12 mm	KG	40,000		
f	10 mm	KG	7,000		
g	8 mm	KG	14,800		
	<u>SHUTTERING</u>				
	<u>Generally</u>				
	Generally to				
h	soffits of slab	SM	1,593		
i	sides and soffits of beams	SM	1,197		
j	sides of columns	SM	323		
k	edges; 75 to 150 mm wide	LM	132		
l	edges; 75 to 150 mm wide; curved irrespective of radius	LM	12		
m	edges; 150 to 225 mm wide	LM	45		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>SUNDRIES</u>				
	Wall ties one end cast into concrete; other end built into joints of masonry				
a	25 x 450 mm	No.	1,445		
	Expansion joints in concrete; formwork				
b	20 mm thick; filling with polystyrene material	SM	366		
c	20 x 20 joint sealant; sikaflex PRO 2 HP	LM	111		
	<u>Total Carried To Collection</u>			K. Shs.	
	<u>COLLECTION</u>				
	Brought forward from page 3/-29				
"	" " " " 3/-30 above				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<u>Total for Reinforced Concrete Frames and slabs - Carried to Second Floor Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>EXTERNAL WALLING AND INTERNAL PARTITIONS</u>				
	<u>MASONRY</u>				
	<u>EXTERNAL WALLING</u>				
	<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>				
	Walls				
a	200 mm thick	SM	250		
	<u>INTERNAL PARTITIONS</u>				
	<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>				
	Walls				
b	200 mm thick	SM	742		
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Walls				
c	150 mm thick	SM	131		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

d	100 mm thick; reinforced	SM	21		
<u>Total for External and Internal Walls - Carried to Second Floor Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>ROOF COVERINGS AND PARAPET WALLS</u>				
	<u>CONCRETE WORK</u>				
	<u>PRE-CAST CONCRETE</u>				
	<u>Normal; class25(15); vibrated; part surfaces fair faced finished</u>				
	Copings				
a	300 mm x 100 mm extreme thick; twice weathered and throated; reinforced as necessary for handling; bedding, jointing and pointing in cement mortar (1:4)	LM	36		
	<u>MASONRY</u>				
	<u>PARAPET WALLS</u>				
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Parapet walls				
b	200 mm thick	SM	43		
	<u>THERMAL AND MOISTURRE PROTECTION</u>				
	<u>Notes</u>				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<p>All bituminous membrane coverings for flat areas, sloping roofs and gutters to be executed by a specialist Roofing Contractor and who shall provide a ten years written warranty to the Employer.</p> <p>Notwithstanding the above, the main contractor is to provide a written guarantee and undertaking to the effect that during a period of first twelve calendar months from and after the certified date of completion of the works, the main Contractor at his own expenses, make good to the satisfaction of the Architect all and any defects in the work that shall be attributed to improper materials and /or faulty workmanship and shall bear the cost of any consequential damage as provided in such guarantee.</p> <p>Preferred Roofing Sub-contractor for executing the following to the full satisfaction of the Architect.....</p> <p>_____</p> <p>_____</p>					
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>COVERING AND LININGS</u>				
	<u>Priming screeded surfaces with one of Ruberoid bitumen solvent primer; Rubertorch SBS Polyester reinforced membrane roofing felt, glass fibre based 275 GSM weighing 50 kilograms per ten square metre; 4.5 mm nominal thickness, mineral surface finish; torched onto primed surfaces with propane gas; 100 mm laps; as recommended by the manufacturer.</u>				
	Two coat work; to concrete, masonry or screeded base; generally				
a	to flat areas	SM	81		
b	to vertical areas	SM	43		
c	outlets	No.	4		
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand(1:4); waterproofed; external</u>				
	To roofs; screeded				
d	75 mm average thick; to receive water proofed membrane	SM	81		
e	35 mm thick; to receive quarry tiles	SM	81		
	Angle fillets				
f	150 x 150 mm	LM	36		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	<u>FINISHINGS</u>				
	Render; cement and sand (1:4); wood floated; external				
	15 mm thick				
g	to walls	SM	86		
	<u>Quarry tiles; bedding and jointing in cement mortar (1:4); grouting joints with approved grouting compound; applying one coat silicon resin water proof solution; external</u>				
	200 x 200 x 10 mm				
h	to flat roofs	SM	81		
i	to skirtings; 150 mm wide; 45° slope	LM	36		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>DECORATIONS</u>				
	<u>One under coat 'CROWN "SOLO" Plus 3 PRIMER'; two finishing coats CROWN "SOLO" PERMACOTE'; B.S 4800; or similar approved; applied in accordance with Manufacture's written instructions and to Architects specification</u>				
	Plastered surfaces; externally; on				
a	walls	SM	86		
	<u>Total Carried To Collection</u>			K. Shs.	
	<u>COLLECTION</u>				
	Brought forward from page 3/-32				
	" " " " 3/-33				
	" " " " 3/-34 above				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<u>Total for Roof Coverings - Carried to Second Floor Summary</u>					K. Shs.
Item	Description	Unit	Quantity	Rate	Amount
	<u>DOORS AND WINDOW OPENINGS</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE</u>				
	<u>Reinforced</u>				
	Normal; class 25(20); vibrated; in				
a	window hood; 75 mm thick	CM	6		
	<u>REINFORCEMENTS (PROVISIONAL)</u>				
	Bars; High yield steel; cold worked; B.S 4461				
b	10 mm	Kg	420		
c	8 mm	Kg	864		
	<u>SHUTTERING</u>				
	<u>GENERALLY</u>				
	Generally to				
d	soffits of slab	SM	80		
e	edges; girth 75 to 150 mm wide	LM	36		
	<u>PRE-CAST CONCRETE</u>				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	<u>Normal; class 25(15); vibrated</u>				
f	Lintels 200 x 200 mm; reinforced for 12 mm diameter mild steel bars; 6 mm diameter links at 200 mm centre to centre	LM	169		
	<u>Normal; Class 25(15); vibrated; part surface fair faced finished</u>				
g	Sills 300 x 100 mm extreme thick; once sunk and twice weathered, once throated with 10 mm drip; bottom once rebated; reinforced as necessary for handling; 25 x 3 mm mild steel galvanized weather bar setting in groove; bedding , jointing and pointing in cement mortar (1:4)	LM	127		
	<u>Total for door and window openings carried to second floor summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>WET FINISHES</u>				
	<u>BUILT IN CONCRETE FITTINGS</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE</u>				
	<u>Reinforced</u>				
a	Normal; mix (1:2:4-25mm); vibrated; in kitchen worktops and the like; 75 mm thick; including for all 75 x 100mm chasing in concrete or masonry	SM	4		
	<u>REINFORCEMENTS</u>				
b	Reference A142; weight 2.22 kg/sq.m in any location	SM	4		
	<u>SHUTTERING</u>				
	<u>GENERALLY</u>				
c	Generally to worktops, vanity tops and the like	SM	4		
d	Boxing through 75 mm slabs to form opening size 500 x 500	No.	1		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	<u>MASONRY</u>				
	<u>SUPPORT AND PANEL WALLS</u>				
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Walls				
e	100 mm thick; reinforced	SM	2		
	<u>Normal; Class 25(15); vibrated; part surface fair faced finished</u>				
	Balustrades; comprising 200 x 90 mm bottom cills; reinforced as necessary; 250 x 200 mm extreme thick copings; reinforced as necessary; infill's of 200 mm centres spindle middle bulge shaped balusters with 150 x 100 x 50 mm base and heads; reinforced as at 200 mm centres; bedding, jointing and pointing in cement mortar (1:4); three coats pure acrylic weather guard external paint to Architect's detail				
f	1000 mm high	LM	127		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>FLOOR FINISHES</u>				
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand (1:4); internally</u>				
	To floors; screeded				
a	40 mm thick; to receive tiles	SM	1549		
	<u>WALL FINISHES</u>				
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand (1:4); internally</u>				
	To walls; screeded				
b	15 mm thick; to receive tiles	SM	178		
c	15 mm thick; to receive skirting	SM	107		
	<u>FINISHINGS</u>				
	<u>Render; cement and sand (1:4); wood floated; external</u>				
	To walls screeded				
d	20 mm thick	SM	410		
	<u>Plaster; 12 mm first coat of cement and sand (1:4); 3 mm second coat of cement lime putty (1:10); steel trowelled; 'NIRU' finish; internal</u>				
	15 mm thick				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

e	to walls	SM	2869		
<u>CEILING FINISHES</u>					
<u>FINISHINGS</u>					
<u>Plaster; 12 mm first coat of cement and sand (1:4); 3 mm second coat of cement lime putty (1:10); steel trowelled; 'NIRU' finish; internal</u>					
15 mm thick					
f	to ceilings	SM	1865		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>WORKTOPS, VANITY TOPS AND THE LIKE</u>					
<u>BACKGROUNDS</u>					
<u>Mortar; cement and sand (1:4); internally</u>					
20 mm thick					
a	to receive tiles	SM	4		
<u>Total Carried To Collection</u>				K. Shs.	
<u>COLLECTION</u>					
Brought forward from page 3/-36					
" " " " 3/-37					
" " " " 3/-38 above					

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<u>Total for Wet Finishes - Carried to Second Floor Summary</u>					K. Shs.
Item	Description	Unit	Quantity	Rate	Amount
	<u>APPLIED EXPOSED FINISHES</u>				
	<u>FLOOR FINISHES</u>				
	(Please Note:- Supply Only of tiles is measured elsewhere)				
	<u>FINISHINGS</u>				
	Take delivery from store on site; distribute; fix with 'Sealmaster 101' or other equal and approved tile adhesive compound; grouting joints with matching Sealmaster 201' grout or other equal and approved , providing spacers as required for				
	Tiles; internally				
a	to floors	SM	1549		
b	to skirting; 100 mm high	LM	1069		
	<u>WALL FINISHES</u>				
	<u>FINISHINGS</u>				
	Take delivery from store on site; distribute; fix with 'Sealmaster 101' or other equal and approved tile adhesive compound; grouting joints with matching Sealmaster 201' grout or other equal and approved , providing spacers as required for				
	Tiles; internally				
c	to walls	SM	178		
d	toilet roll holders; size 150 x 150 mm	No.	9		
	<u>SUNDRIES</u>				
	Accessories				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

g	marine quality stainless steel corner strips; setting in tiles <u>DECORATIONS</u> One under coat; 'CROWN ' SOLO; Plus 3 primer; two finishing coat 'CROWN' PERMAPLAST; B.S 4800; or similar to approval; applied in accordance with manufacturer's written instructions and to Architect's specification Rendered surfaces; externally on walls	LM	73		
h		SM	410		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
a	<u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacture, CROWN SOLO or similar and approved</u> Plastered surfaces; internally on walls <u>CEILING FINISHES</u> <u>FINISHINGS</u> <u>DECORATIONS</u> <u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacture, CROWN SOLO or similar and approved (application to be in accordance with manufacturer's specification</u> Plastered surfaces; internally on ceiling	SM	2584		
b	<u>WORKTOPS; VANITY TOPS AND THE LIKE</u> <u>Take delivery from stores on site; distribute; fix only</u> Granite slabs; generally to worktops, vanity tops and the like	SM	1865		
c	to worktops, vanity tops and the like <u>Total Carried To Collection</u> <u>COLLECTION</u> Brought forward from page 3/-39	SM	4	K. Shs.	

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	<p>" " " " 3/-40 above</p>				
	<p><u>Total for Applied Exposed Finishes - Carried to Second Floor Summary</u></p>			<p align="right">K. Shs.</p>	
Item	Description	Unit	Quantity	Rate	Amount
	<p><u>PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI PLOT No. 2146 MALINDI</u></p> <p><u>SECOND FLOOR SUMMARY</u></p> <p>1.0 REINFORCED CONCRETE FRAMES AND SLAB</p> <p>2.0 EXTERNAL WALLING AND INTERNAL PARTITIONS</p> <p>3.0 ROOF COVERINGS AND PARAPET WALLS</p> <p>4.0 DOORS AND WINDOW OPENINGS</p> <p>5.0 WET FINISHES</p> <p>6.0 APPLIED EXPOSED FINISHES</p>		<p align="center">Page No.</p> <p align="center">3/-30</p> <p align="center">3/-31</p> <p align="center">3/-34</p> <p align="center">3/-35</p> <p align="center">3/-38</p> <p align="center">3/-40</p>		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<u>Total for Second Floor - Carried to Section No. 3 Summary</u>					K. Shs.
Item	Description	Unit	Quantity	Rate	Amount
	<u>THIRD FLOOR</u>				
	<u>REINFORCED CONCRETE FRAMES AND SLAB</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE (PROVISIONAL)</u>				
	<u>Reinforced concrete</u>				
	Normal; class 25(20); in cement grade 42.5 N; vibrated; in				
a	suspended slabs; 150 mm thick	CM	2		
b	suspended slabs; 175 mm thick	CM	286		
c	beams	CM	104		
	Design mix; class 30(20); in cement grade 42.5 N; vibrated; in				
d	columns	CM	28		
	<u>REINFORCEMENTS (PROVISIONAL)</u>				
	<u>Bars; High yield steel; Cold worked; B.S 4461</u>				
	<u>In any location</u>				
e	32mm -12 mm	KG	40,000		
f	10 mm	KG	5,000		
g	8 mm	KG	14,800		
	<u>SHUTTERING</u>				
	<u>Generally</u>				
	<u>Generally to</u>				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

h	soffits of slab	SM	1,646		
i	sides and soffits of beams	SM	1,208		
j	sides of columns	SM	323		
k	edges; 75 to 150 mm wide	LM	132		
l	edges; 75 to 150 mm wide; curved irrespective of radius	LM	12		
m	edges; 150 to 225 mm wide	LM	45		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>SUNDRIES</u>					
Wall ties one end cast into concrete; other end built into joints of masonry					
a	25 x 450 mm	No.	1,445		
Expansion joints in concrete; formwork					
b	20 mm thick; filling with polystyrene material	SM	366		
c	20 x 20 joint sealant; sikaflex PRO 2 HP	LM	111		
<u>Total Carried To Collection</u>				K. Shs.	
<u>COLLECTION</u>					
Brought forward from page 3/-42					
"	"	"	"	3/-43 above	

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<u>Total for Reinforced Concrete Frames and slabs - Carried to Third Floor Summary</u>					K. Shs.
Item	Description	Unit	Quantity	Rate	Amount
	<u>EXTERNAL WALLING AND INTERNAL PARTITIONS</u>				
	<u>MASONRY</u>				
	<u>EXTERNAL WALLING</u>				
	<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>				
	Walls				
a	200 mm thick	SM	250		
	<u>INTERNAL PARTITIONS</u>				
	<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>				
	Walls				
b	200 mm thick	SM	490		
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Walls				
c	150 mm thick	SM	108		
d	100 mm thick; reinforced	SM	21		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<u>Total for External and Internal Walls - Carried to Third Floor Summary</u>					K. Shs.
Item	Description	Unit	Quantity	Rate	Amount
	<u>DOORS AND WINDOW OPENINGS</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE</u>				
	<u>Reinforced</u>				
	Normal; class 25(20); vibrated; in				
a	window hood; 75 mm thick	CM	6		
	<u>REINFORCEMENTS (PROVISIONAL)</u>				
	Bars; High yield steel; cold worked; B.S 4461				
b	10 mm	KG	420		
c	8 mm	KG	864		
	<u>SHUTTERING</u>				
	<u>GENERALLY</u>				
	Generally to				
d	soffits of slab	SM	80		
e	edges; girth 75 to 150 mm wide	LM	36		
	<u>PRE-CAST CONCRETE</u>				
	<u>Normal; class 25(15); vibrated</u>				
	Lintels				
f	200 x 200 mm; reinforced for 12 mm diameter mild steel bars; 6 mm diameter links at 200 mm centre to centre	LM	189		
	<u>Normal; Class 25(15); vibrated; part surface fair faced finished</u>				
	Sills				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

g	300 x 100 mm extreme thick; once sunk and twice weathered, once throated with 10 mm drip; bottom once rebated; reinforced as necessary for handling; 25 x 3 mm mild steel galvanized weather bar setting in groove; bedding, jointing and pointing in cement mortar (1:4)	LM	158		
<u>Total for Door and Window Openings - Carried to Third Floor Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>WET FINISHES</u>				
	<u>BUILT IN CONCRETE FITTINGS</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE</u>				
	<u>Reinforced</u>				
	Normal; mix (1:2:4-25mm); vibrated; in				
a	kitchen worktops and the like; 75 mm thick; including for all 75 x 100mm chasing in concrete or masonry	SM	5		
	<u>REINFORCEMENTS</u>				
	Reference A142; weight 2.22 kg/sq.m				
b	in any location	SM	5		
	<u>SHUTTERING</u>				
	<u>GENERALLY</u>				
	Generally to				
c	worktops, vanity tops and the like	SM	5		
	Boxing through 75 mm slabs to form opening size				
d	500 x 500	No.	4		
	<u>MASONRY</u>				
	<u>SUPPORT AND PANEL WALLS</u>				
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Walls				
e	100 mm thick; reinforced	SM	1		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	Normal; Class 25(15); vibrated; part surface fair faced finished				
f	Balustrades; comprising 200 x 90 mm bottom cills; reinforced as necessary; 250 x 200 mm extreme thick copings; reinforced as necessary; infill's of 200 mm centres spindle middle bulge shaped balusters with 150 x 100 x 50 mm base and heads; reinforced as at 200 mm centres; bedding, jointing and pointing in cement mortar (1:4); three coats pure acrylic weather guard external paint to Architect's detail 1000 mm high	LM	158		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>FLOOR FINISHES</u>				
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand (1:4); internally</u>				
	To floors; screeded				
a	40 mm thick; to receive tiles	SM	1635		
	<u>WALL FINISHES</u>				
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand (1:4); internally</u>				
	To walls; screeded				
b	15 mm thick; to receive tiles	SM	163		
c	15 mm thick; to receive skirting	SM	83		
	<u>FINISHINGS</u>				
	<u>Render; cement and sand (1:4); wood floated; external</u>				
	To walls screeded				
d	20 mm thick	SM	395		
	<u>Plaster; 12 mm first coat of cement and sand (1:4); 3 mm second coat of cement lime putty (1:10); steel trowelled; 'NIRU' finish; internal</u>				
	15 mm thick				
e	to walls	SM	2121		
	<u>CEILING FINISHES</u>				
	<u>FINISHINGS</u>				
	<u>Plaster; 12 mm first coat of cement and sand (1:4); 3 mm second coat of cement lime putty (1:10); steel trowelled; 'NIRU' finish; internal</u>				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

f	15 mm thick to ceilings	SM	1948		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
a	<p><u>WORKTOPS, VANITY TOPS AND THE LIKE</u></p> <p><u>BACKGROUNDS</u></p> <p>Mortar; cement and sand (1:4); internally</p> <p>20 mm thick</p> <p>to receive tiles</p>	SM	5		
<u>Total Carried To Collection</u>				K. Shs.	
<u>COLLECTION</u>					
Brought forward from page 3/-46					
" " " " 3/-47					
" " " " 3/-48 above					

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<u>Total for Wet Finishes - Carried to Third Floor Summary</u>					K. Shs.
Item	Description	Unit	Quantity	Rate	Amount
	<u>APPLIED EXPOSED FINISHES</u>				
	<u>FLOOR FINISHES</u>				
	(Please Note:- Supply Only of tiles is measured elsewhere)				
	<u>FINISHINGS</u>				
	Take delivery from store on site; distribute; fix with 'Sealmaster 101' or other equal and approved tile adhesive compound; grouting joints with matching Sealmaster 201' grout or other equal and approved , providing spacers as required for				
	Tiles; internally				
a	to floors	SM	1635		
b	to skirting; 100 mm high	LM	826		
	<u>WALL FINISHES</u>				
	<u>FINISHINGS</u>				
	Take delivery from store on site; distribute; fix with 'Sealmaster 101' or other equal and approved tile adhesive compound; grouting joints with matching Sealmaster 201' grout or other equal and approved , providing spacers as required for				
	Tiles; internally				
c	to walls	SM	163		
d	toilet roll holders; size 150 x 150 mm	No.	9		
	<u>SUNDRIES</u>				
	Accessories				
g	marine quality stainless steel corner strips; setting in tiles	LM	68		
	<u>DECORATIONS</u>				
	One under coat; 'CROWN ' SOLO; Plus 3 primer; two finishing coat 'CROWN' PERMAPLAST; B.S 4800; or similar to approval; applied in accordance with manufacturer's written instructions and to Architect's specification				
	Rendered surfaces; externally on				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

h	walls	SM	395		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
a	<p><u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacture, CROWN SOLO or similar and approved</u></p> <p>Plastered surfaces; internally on</p> <p>walls</p> <p><u>CEILING FINISHES</u></p> <p><u>DECORATIONS</u></p> <p><u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacture, CROWN SOLO or similar and approved (application to be in accordance with manufacturer's specification</u></p> <p>Plastered surfaces; internally on</p>	SM	1875		
b	<p>ceiling</p> <p><u>WORKTOPS; VANITY TOPS AND THE LIKE</u></p> <p><u>Take delivery from stores on site; distribute; fix only</u></p> <p>Granite slabs; generally</p>	SM	1948		
c	<p>to worktops, vanity tops and the like</p> <p><u>Total Carried To Collection</u></p> <p><u>COLLECTION</u></p> <p>Brought forward from page 3/-49</p> <p>" " " " 3/-50 above</p>	SM	5		
				K. Shs.	

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	<u>Total for Applied Exposed Finishes - Carried to Third Floor Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI</u> <u>PLOT No. 2146 MALINDI</u>		Page No.		
	<u>THIRD FLOOR SUMMARY</u>				
	1.0 REINFORCED CONCRETE FRAMES AND SLAB		3/-43		
	2.0 EXTERNAL WALLING AND INTERNAL PARTITIONS		3/-44		
	3.0 DOORS AND WINDOW OPENINGS		3/-45		
	4.0 WET FINISHES		3/-48		
	5.0 APPLIED EXPOSED FINISHES		3/-50		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	<u>Total for Third Floor - Carried to Section No. 3 Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>FOURTH FLOOR</u>				
	<u>REINFORCED CONCRETE FRAMES AND SLAB</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE (PROVISIONAL)</u>				
	<u>Reinforced concrete</u>				
	Normal; class 25(20); in cement grade 42.5 N; vibrated; in				
a	suspended slabs; 150 mm thick	CM	2		
b	suspended slabs; 175 mm thick	CM	286		
c	beams	CM	104		
	Design mix; class 30(20); in cement grade 42.5 N; vibrated; in				
d	columns	CM	28		
	<u>REINFORCEMENTS (PROVISIONAL)</u>				
	<u>Bars; High yield steel; Cold worked; B.S 4461</u>				
	<u>In any location</u>				
e	32mm -12 mm	KG	40,000		
f	10 mm	KG	5,000		
g	8 mm	KG	14,800		
	<u>SHUTTERING</u>				
	<u>Generally</u>				
	<u>Generally to</u>				
h	soffits of slab	SM	1,646		
i	sides and soffits of beams	SM	1,208		
j	sides of columns	SM	323		
k	edges; 75 to 150 mm wide	LM	132		
l	edges; 75 to 150 mm wide; curved irrespective of radius	LM	12		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

m	edges; 150 to 225 mm wide	LM	45		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>SUNDRIES</u>				
	Wall ties one end cast into concrete; other end built into joints of masonry				
a	25 x 450 mm	No.	1,445		
	Expansion joints in concrete; formwork				
b	20 mm thick; filling with polystyrene material	SM	366		
c	20 x 20 joint sealant; sikaflex PRO 2 HP	LM	111		
<u>Total Carried To Collection</u>				K. Shs.	
	<u>COLLECTION</u>				
	Brought forward from page 3/-52				
	" " " " 3/-53 above				

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<u>Total for Reinforced Concrete Frames and Slabs - Carried to Fourth Floor Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>EXTERNAL WALLING AND INTERNAL PARTITIONS</u>				
	<u>MASONRY</u>				
	<u>EXTERNAL WALLING</u>				
	<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>				
	Walls				
a	200 mm thick	SM	424		
	<u>INTERNAL PARTITIONS</u>				
	<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>				
	Walls				
b	200 mm thick	SM	751		
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Walls				
c	150 mm thick	SM	228		
d	100 mm thick; reinforced	SM	17		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<u>Total for External and Internal Walls Carried to Fourth Floor Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>DOORS AND WINDOW OPENINGS</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE</u>				
	<u>Reinforced</u>				
	Normal; class 25(20); vibrated; in				
a	window hood; 75 mm thick	CM	6		
	<u>REINFORCEMENTS (PROVISIONAL)</u>				
	Bars; High yield steel; cold worked; B.S 4461				
b	10 mm	KG	420		
c	8 mm	KG	864		
	<u>SHUTTERING</u>				
	<u>GENERALLY</u>				
	Generally to				
d	soffits of slab	SM	80		
e	edges; girth 75 to 150 mm wide	LM	36		
	<u>PRE-CAST CONCRETE</u>				
	<u>Normal; class 25(15); vibrated</u>				
	Lintels				
f	200 x 200 mm; reinforced for 12 mm diameter mild steel bars; 6 mm diameter links at 200 mm centre to centre	LM	194		
	<u>Normal; Class 25(15); vibrated; part surface fair faced finished</u>				
	Sills				
g	300 x 100 mm extreme thick; once sunk and twice weathered, once throated with 10 mm drip; bottom once rebated; reinforced as necessary for handling; 25 x 3 mm mild steel galvanized weather bar setting in groove; bedding , jointing and pointing in cement mortar (1:4)	LM	149		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<u>Total for Door and Window Openings - Carried to Fourth floor Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>WET FINISHES</u>				
	<u>BUILT IN CONCRETE FITTINGS</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE</u>				
	<u>Reinforced</u>				
	Normal; mix (1:2:4-25mm); vibrated; in				
a	kitchen worktops and the like; 75 mm thick; including for all 75 x 100mm chasing in concrete or masonry	SM	24		
	<u>REINFORCEMENTS</u>				
	Reference A142; weight 2.22 kg/sq.m				
b	in any location	SM	24		
	<u>SHUTTERING</u>				
	<u>GENERALLY</u>				
	Generally to				
c	worktops, vanity tops and the like	SM	24		
	Boxing through 75 mm slabs to form opening size				
d	500 x 500	No.	6		
	<u>MASONRY</u>				
	<u>SUPPORT AND PANEL WALLS</u>				
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Walls				
e	100 mm thick; reinforced	SM	4		
	<u>Normal; Class 25(15); vibrated; part surface fair faced finished</u>				
	Balustrades; comprising 200 x 90 mm bottom cills; reinforced as necessary; 250 x 200 mm extreme thick copings; reinforced as necessary; infill's of 200 mm centres spindle middle bulge shaped balusters with 150 x 100 x 50 mm base and heads; reinforced as at 200 mm centres; bedding, jointing and pointing in cement mortar (1:4); three coats pure acrylic weather guard external paint to Architect's detail				
f	1000 mm high	LM	149		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>FLOOR FINISHES</u>				
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand (1:4); internally</u>				
	To floors; screeded				
a	40 mm thick; to receive tiles	SM	1635		
	<u>WALL FINISHES</u>				
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand (1:4); internally</u>				
	To walls; screeded				
b	15 mm thick; to receive tiles	SM	328		
c	15 mm thick; to receive skirting	SM	109		
	<u>FINISHINGS</u>				
	<u>Render; cement and sand (1:4); wood floated; external</u>				
	To walls screeded				
d	20 mm thick	SM	437		
	<u>Plaster; 12 mm first coat of cement and sand (1:4); 3 mm second coat of cement lime putty (1:10); steel trowelled; 'NIRU' finish; internal</u>				
	15 mm thick				
e	to walls	SM	2720		
	<u>CEILING FINISHES</u>				
	<u>FINISHINGS</u>				
	<u>Plaster; 12 mm first coat of cement and sand (1:4); 3 mm second coat of cement lime putty (1:10); steel trowelled; 'NIRU' finish; internal</u>				
	15 mm thick				
f	to ceilings	SM	1948		

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
a	<u>WORKTOPS, VANITY TOPS AND THE LIKE</u> <u>BACKGROUNDS</u> <u>Mortar; cement and sand (1:4); internally</u> 20 mm thick to receive tiles	SM	24		
	<u>Total Carried To Collection</u>			K. Shs.	
	<u>COLLECTION</u> Brought forward from page 3/-56 " " " " 3/-57 " " " " 3/-58 above				
	<u>Total for Wet Finishes - Carried to Fourth Floor Summary</u>			K. Shs.	

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

Item	Description	Unit	Quantity	Rate	Amount
	<u>APPLIED EXPOSED FINISHES</u>				
	<u>FLOOR FINISHES</u>				
	(Please Note:- Supply Only of tiles is measured elsewhere)				
	<u>FINISHINGS</u>				
	<u>Take delivery from store on site; distribute; fix with 'Sealmaster 101' or other equal and approved tile adhesive compound; grouting joints with matching Sealmaster 201' grout or other equal and approved . providing spacers as required for</u>				
	Tiles; internally				
a	to floors	SM	1635		
b	to skirting; 100 mm high	LM	1091		
	<u>WALL FINISHES</u>				
	<u>FINISHINGS</u>				
	<u>Take delivery from store on site; distribute; fix with 'Sealmaster 101' or other equal and approved tile adhesive compound; grouting joints with matching Sealmaster 201' grout or other equal and approved . providing spacers as required for</u>				
	Tiles; internally				
c	to walls	SM	328		
d	toilet roll holders; size 150 x 150 mm	No.	10		
	<u>SUNDRIES</u>				
	Accessories				
g	marine quality stainless steel corner strips; setting in tiles	LM	156		
	<u>DECORATIONS</u>				
	<u>One under coat; 'CROWN ' SOLO; Plus 3 primer; two finishing coat 'CROWN' PERMAPLAST; B.S 4800; or similar to approval; applied in accordance with manufacturer's written instructions and to Architect's specification</u>				
	Rendered surfaces; externally on				
h	walls	SM	437		
	<u>Total Carried To Collection</u>			K. Shs.	

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

Item	Description	Unit	Quantity	Rate	Amount
a	<p><u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacture, CROWN SOLO or similar and approved</u></p> <p>Plastered surfaces; internally on walls</p>	SM	2283		
	<u>CEILING FINISHES</u>				
	<u>FINISHINGS</u>				
	<u>DECORATIONS</u>				
b	<p><u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacture, CROWN SOLO or similar and approved (application to be in accordance with manufacturer's specification</u></p> <p>Plastered surfaces; internally on ceiling</p>	SM	1948		
	<u>WORKTOPS; VANITY TOPS AND THE LIKE</u>				
	<u>Take delivery from stores on site; distribute; fix only</u>				
c	<p>Granite slabs; generally to worktops, vanity tops and the like</p>	SM	24		
	<u>Total Carried To Collection</u>			K. Shs.	
	<u>COLLECTION</u>				
	Brought forward from page 3/-59				
	" " " " 3/-60 above				
	<u>Total for Applied Exposed Finishes - Carried to Fourth Floor Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI
PLOT No. 2146 MALINDI

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No.

FOURTH FLOOR SUMMARY

1.0 REINFORCED CONCRETE FRAMES AND SLAB

3/-53

2.0 EXTERNAL WALLING AND INTERNAL PARTITIONS

3/-54

3.0 DOORS AND WINDOW OPENINGS

3/-55

4.0 WET FINISHES

3/-58

5.0 APPLIED EXPOSED FINISHES

3/-60

Total for Fourth Floor - Carried to Section No. 3 Summary

K. Shs.

Item	Description	Unit	Quantity	Rate	Amount
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PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

Item	Description	Unit	Quantity	Rate	Amount
<u>REINFORCED CONCRETE STAIRCASES = 2 No.</u>					
(Note: Completion of staircases starting at Floor level = 3.300 metres)					
(Quantities are for 2 No. Concrete access staircases rising from 3.0 to 11.55 metres)					
<u>CONCRETE WORK</u>					
<u>POURED CONCRETE</u>					
<u>Reinforced concrete</u>					
Normal; class 25(20); in cement grade 42.5 N; vibrated; in					
a	suspended slabs; 150 mm thick	CM	11		
b	suspended slabs; 165 mm thick	CM	17		
d	stairs	CM	18		
e	beams	CM	11		
f	columns	CM	1		
<u>REINFORCEMENTS (PROVISIONAL)</u>					
<u>Bars; High yield steel; Cold worked; B.S 4461</u>					
In any location					
g	25 mm -12 mm	KG	4,500		
h	10 mm	KG	1,000		
i	8 mm	KG	1,750		
<u>SHUTTERING</u>					
<u>Generally</u>					
Generally to					
i	soffits of slabs	SM	100		
j	soffits of roof slab to staircase well	SM	70		
k	sloping soffits	SM	75		
l	sides and soffits of beams	SM	126		
m	sides of columns	SM	15		
n	staircases	SM	54		
p	edges; 75 to 150 mm wide	LM	128		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>WET FINISHES</u>					

PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI - PLOT No. 2146 MALINDI

<u>FLOOR FINISHES</u>					
<u>BACKGROUNDS</u>					
Mortar; cement and sand (1:4); internally					
To floors; screeded					
a	25 mm thick; including fixing with pressure impregnated 20 x 50 mm cypress battens at 600 mm centres in one direction; to receive floor boarding (m.s.)	SM	115		
To treads; screeded					
b	25 mm thick; including fixing with pressure impregnated 20 x 50 mm cypress battens at 600 mm centres in one direction; to receive floor boarding	SM	77		
To risers; screeded					
c	25 mm thick; including fixing with pressure impregnated 20 x 50 mm cypress battens at 600 mm centres in one direction; to receive floor boarding	SM	45		
<u>CEILING FINISHES</u>					
<u>FINISHINGS</u>					
Tyrolean; 12 mm first coat of cement and sand (1:4), 3-8 mm second coat of cement and washed sand (1:4); sprayed					
15 mm to 20 mm thick					
d	to ceilings	SM	315		
e	to staircases	SM	75		
f	margins; 10 x 100 mm including temporary protection to finished area	LM	218		
<u>PRE-CAST CONCRETE</u>					
Normal; Class 25(15); vibrated; part surface fair faced finished					
Copings; decorative moulded to Architect's details					
g	350 mm x 80 mm extreme thick; twice weathered and throated; reinforced as necessary for handling; bedding, jointing and pointing in cement mortar (1:4)	LM	51		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>APPLIED EXPOSED FINISHES</u>					
<u>(Please Note:- Woodwork finish and fittings measured elsewhere)</u>					

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Item	Description	Unit	Quantity	Rate	Amount
	<u>CEILING FINISHES</u>				
	<u>DECORATIONS</u>				
	Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacture, CROWN SOLO or similar and approved application to be in accordance with manufacturer's specification				
	Textured plastered surfaces; internally on				
a	ceilings	SM	315		
b	staircases	SM	75		
	<u>Total Carried to Collection</u>			K. Shs.	
	<u>COLLECTION</u>				
	Total brought forward from page 3/-62				
	" " " " " 3/-63				
	" " " " " 3/-64 above				
	<u>Total for Staircases - Carried to Section No. 3 Summary</u>			K. Shs.	
	<u>LIFT SHAFT AND SHEAR WALLS = 2 No.</u> (Note: Completion of staircases starting at Floor level = 4.100 metres)				

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<u>CONCRETE WORK</u>					
<u>POURED CONCRETE</u>					
b	suspended slabs; 150 mm thick	CM	2		
c	lift walls; 200 mm thick	CM	70		
<u>REINFORCEMENTS (PROVISIONAL)</u>					
<u>Bars; High yield steel; Cold worked; B.S 4461</u>					
In any location					
d	25 mm -12 mm	KG	9,540		
e	10 mm	KG	3,180		
<u>SHUTTERING</u>					
<u>Generally</u>					
Generally to					
f	soffits of slab	SM	11		
g	sides of walls	SM	684		
Boxing openings through 200 mm thick side walls; size					
h	1000 x 2100 mm	No.	8		
<u>METAL WORK</u>					
<u>NON - STRUCTURAL STEEL WORK</u>					
<u>Mild steel; K. S. 02 - 18</u>					
Lift hooks					
i	12 mm diameter x 1000 mm long; bent to "U" shape profile; both ends cast in concrete	No.	2		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>WET FINISHES</u>					
<u>FLOOR FINISHES</u>					

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	<u>FINISHINGS</u> Mortar; cement and sand (1:4);integral hardener; steel trowelled; internal 50 mm thick to floors	SM	11		
a					
	<u>WALL FINISHES</u> <u>BACKGROUNDS</u> Mortar; cement and sand (1:4); internally To walls; screeded 15 mm thick; to receive cladding as specified by Architect	SM	70		
b					
	<u>FINISHINGS</u> Plaster; 12 mm first coat of cement and sand (1:4); 3 mm second coat of cement lime putty (1:10); steel trowelled; 'NIRU' finish; internal 15 mm thick to walls	SM	786		
c					
	<u>CEILING FINISHES</u> <u>FINISHINGS</u> Plaster; 12 mm first coat of cement and sand (1:4); 3 mm second coat of cement lime putty (1:10); steel trowelled; 'NIRU' finish; internal 15 mm thick to ceilings	SM	11		
d					
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>APPLIED EXPOSED FINISHES</u> <u>FINISHINGS</u> Take delivery from store on site; distribute; fix with 'Sealmaster 101' or other equal and approved tile adhesive compound; grouting joints with matching				

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	<u>'Sealmaster 201' grout or other equal and approved , providing spacers as required for</u>				
a	Tiles; internally to walls	SM	70		
	<u>DECORATIONS</u> <u>Apply two coats of industrial paint as recommended by the lift supplier in accordance with factory safety regulation; application to be in accordance with Manufacturer's specification</u>				
a	Plastered surfaces; internally on walls	SM	315		
	<u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacture, CROWN SOLO or similar and approved application to be in accordance with manufacturer's specification</u>				
b	Plastered surfaces; internally on walls	SM	471		
	<u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacture, CROWN SOLO or similar and approved application to be in accordance with manufacturer's specification</u>				
c	Plastered surfaces; internally on ceilings	SM	11		
	<u>Total Carried to Collection</u>			K. Shs.	
	<u>COLLECTION</u>				
	Total brought forward from page 3/-65				
	" " " " " 3/-66				
	" " " " " 3/-67 above				
	<u>Total for Lift Shaft and Shear Walls - Carried to Section No. 3 Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>MAIN ROOF</u>				
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE</u>				

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	<u>Reinforced concrete</u>				
	Normal; class 25(20); in cement grade 42.5 N; vibrated; in				
a	pitched slabs; 175 mm thick	CM	49		
b	beams	CM	11		
c	columns	CM	5		
	<u>REINFORCEMENTS (PROVISIONAL)</u>				
	<u>Bars; High yield steel; Cold worked; B.S 4461</u>				
	In any location				
d	32mm -12 mm	KG	3,750		
e	10 mm	KG	1,250		
f	8 mm	KG	2,750		
	<u>SHUTTERING</u>				
	<u>Generally</u>				
	Generally to				
g	soffits of pitched slab	SM	270		
h	sides and soffits of beams	SM	132		
i	edges; girth 150 to 225 mm wide	LM	120		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>ROOF COVERINGS AND PARAPET WALLS</u>				
	<u>CONCRETE WORK</u>				
	<u>PRE-CAST CONCRETE</u>				
	<u>Normal; class25(15); vibrated; part surfaces fair faced finished</u>				

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a	<p>Copings; decorative moulded to Architect's details</p> <p>350 mm x 80 mm extreme thick; twice weathered and throated; reinforced as necessary for handling; bedding, jointing and pointing in cement mortar (1:4)</p>	LM	170		
<p><u>MASONRY</u></p>					
<p><u>PARAPET WALLS</u></p>					
<p><u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u></p>					
b	<p>Parapet walls</p> <p>200 mm thick</p>	SM	204		
<p><u>THERMAL AND MOISTURE PROTECTION</u></p>					
<p><u>Notes</u></p>					
<p>All bituminous membrane coverings for flat areas, sloping roofs and gutters to be executed by a specialist Roofing Contractor and who shall provide a ten years written warranty to the Employer.</p> <p>Notwithstanding the above, the main contractor is to provide a written guarantee and undertaking to the effect that during a period of first twelve calendar months from and after the certified date of completion of the works, the main Contractor at his own expenses, make good to the satisfaction of the Architect all and any defects in the work that shall be attributed to improper materials and /or faulty workmanship and shall bear the cost of any consequential damage as provided in such guarantee.</p> <p>Preferred Roofing Sub-contractor for executing the following to the full satisfaction of the Architect.....</p> <p>_____</p> <p>_____</p> <p>(Works include for the roof slab over staircases and lift shafts)</p>					
<p><u>Total Carried To Collection</u></p>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<p><u>COVERING AND LININGS</u></p>					
<p><u>Priming screeded surfaces with one of Ruberoid bitumen solvent primer; Rubertorch SBS Polyester reinforced membrane roofing felt, glass fibre based 275 GSM weighing 50 kilograms per ten square metre; 4.5 mm nominal thickness, mineral surface finish; torched onto primed surfaces with propane gas; 100 mm laps; as recommended by the manufacturer.</u></p>					

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	Two coat work; to concrete, masonry or screeded base; generally				
a	to sloping surfaces	SM	270		
b	to flat surfaces	SM	1825		
c	to vertical surfaces; 300 mm high	SM	250		
e	cut, chase and re - cement	LM	650		
f	outlets	No.	8		
	<u>Tactile tile Aluminium/zinc coated tiles</u>				
	Coverings hanging by nibs; on concrete roof				
g	to sloping surfaces	SM	270		
	Capping to hips or ridges				
h	angle hip cap; 125 mm wide tapered to 123 mm; 75 mm high tapered to 105 mm; fixing with serrated galvanized clout nails	LM	90		
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand(1:4); waterproofed; external</u>				
	To roofs; screeded				
i	105 mm thick; to receive water proofed membrane	SM	1825		
j	35 mm thick; to receive quarry tiles	SM	1825		
	Angle fillets				
k	150 x 150 mm	LM	250		
	<u>FINISHINGS</u>				
	<u>Render; cement and sand (1:4); wood floated; external</u>				
	15 mm thick				
l	to walls	SM	408		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>Quarry tiles; bedding and jointing in cement mortar (1:4); grouting joints with approved grouting compound; applying one coat silicon resin water proof solution; external</u>				
	200 x 200 x 10 mm				
a	to flat roofs	SM	1825		
b	to skirtings; 150 mm wide; 45° slope	LM	250		

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	<p><u>DECORATIONS</u></p> <p>One under coat ' CROWN "SOLO" Plus 3 PRIMER'; two finishing coats CROWN "SOLO" PERMACOTE'; B.S 4800; or similar approved; applied in accordance with Manufacture's written instructions and to Architects specification</p> <p>Plastered surfaces; externally; on walls</p> <p><u>Total Carried To Collection</u></p> <p><u>COLLECTION</u></p> <p>Brought forward from page 3/-68</p> <p>" " " " 3/-69</p> <p>" " " " 3/-70</p> <p>" " " " 3/-71 above</p> <p><u>Total for Roof Coverings - Carried to Section No. 3 Summary</u></p>	SM	408	K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<p><u>FIT OUTS AND INTERIOR WORKS</u></p> <p><u>FLOOR, WALLS AND CEILING FINISHES</u></p> <p><u>FLOOR TILES</u></p> <p>Provide a P. C. rate of K. Shs. 2, 000 per square metre for supply only of ceramic floor tiles to approval of the Architect. (The contractor to allow for all overheads and profits including taking delivery from suppliers' depot and transporting to site)</p>				

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a	450 x 450 x 10 mm generally	SM	1,000		
	<u>Provide a P. C. rate of K. Shs. 2,500 per square metre for supply only of Porcelain tiles to approval of the Architect. (The contractor to allow for all overheads and profits including taking delivery from suppliers' depot and transporting to site)</u>				
b	800 x 800 x 10 mm generally	SM	10,000		
	<u>WALL TILES</u>				
	<u>Provide a P. C rate of K. Shs. 1,000 per square metre for supply only of ceramic wall tiles to approval of the Architect. (The contractor to allow for all overheads and profits including taking delivery from suppliers' depot and transporting to site)</u>				
c	300 x 600 x 10mm generally	SM	2,000		
	<u>GRANITE TOPS, DOOR THRESHOLD AND THE LIKE</u>				
	<u>Provide a P. C. rate of K. Shs. 12,500 per square metre for supply and fixing of granite slabs for the worktops to the approval of the Architect. (The contractor to allow for all overheads and profits including taking delivery from suppliers' depot and transporting to site)</u>				
d	20 mm thick generally	SM	150		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>SUSPENDED CEILING</u>				
	<u>Gypsum plasterboards; sheet; 2400 x 1200 mm panels; approved jointing compound and tapes; fixing with screws; complete grid suspension system in galvanized steel furring channels at 1200 mm centres in 3.0 metres lengths; in one direction; galvanized carrying channels at 600 mm centres in 3.0 metre lengths; in other direction; 2.5 mm galvanized suspended wire supports looping to hilti screws; with screw fixing to concrete slab; internal</u>				
	12.5 mm thick; butt joints; set to pattern				

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a	ceilings; suspended 300 mm (average) below slab	SM	2,200		
b	extra; access hatch size 600 x 600 mm; 25 x 50 mm hardwood beading; wood surfaces matt stained finish; to approval	No.	5		
<p><u>Expanded polystyrene products accessible tile system suspended ceilings; 610 x 610 x 22 mm thick tiles; complete with Aluminium strips suspension system; manufactured by M/s. Booth Manufacturing Africa Ltd. NAIROBI</u></p> <p>Linings to form soffits</p>					
c	ceilings; suspended 450 mm below slabs	SM	600		
<p><u>Acoustic accessible tile system suspended ceilings; 610 x 610 x 22 mm thick tiles ; complete with Aluminium strips suspension system</u></p> <p>Linings to form soffits</p>					
d	ceilings; suspended 450 mm below slabs	SM	350		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<p><u>TIMBER DOORS AND DOOR FRAMES</u> <u>Note:- The following to the subsequent details from the Architect</u></p> <p><u>Mvule; selected grade F</u> <u>Office Block</u> Panel doors, single doors, flush doors to be in accordance with Architect's drawing No. H.B.2014.08.21 (Rates for the doors to include for supply and fix complete including frames and all necessary door furniture, ironmongery and the like)</p>					
a	3000 x 3960mm high as door type D1	No.	3		
b	1800 x 3960 mm high as door type D2	No.	13		

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c	1800 x 3000 mm high as door type D3; 180 degrees swing door	No.	1		
d	1800 x 3000 mm high as door type D4	No.	1		
e	900 x 3000 mm high as door type D5	No.	26		
f	900 x 3000 mm high as door type D6; 180 degrees swing door	No.	1		
g	800 x 1950 mm high as door type D7; with no top frame; size of the side frame to be 150 x 50 mm	No.	36		
h	900 x 2310 mm high as door type D8	No.	96		
i	800 x 2310 mm high as door type D9	No.	23		
j	1000 x 2310 mm high as door type D10; 180 degrees swing door	No.	3		
k	1800 x 2310 mm high as door type D11	No.	2		
l	900 x 2110 mm high as door type D12	No.	2		
m	900 x 2110 mm high as door type D13	No.	2		
n	900 x 2310 mm high as door type D14	No.	8		
o	900 x 2310 mm high as door type D15	No.	2		
<u>Out - Buildings</u>					
Panel doors, single doors, flush doors to be in accordance with Architect's drawing No. H.B.2014.08.21 (Rates for the doors to include for supply and fix complete including frames and all necessary door furniture, ironmongery and the like)					
p	900 x 2400 mm high as door type D1	No.	7		
q	1200 x 2400 mm high as door type D2	No.	2		
r	800 x 2400 mm high as door type D3	No.	12		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
a	1800 x 2400 mm high as door type D4	No.	2		
b	800 x 2100 mm high as door type D5	No.	4		
c	1500 x 2400 mm high as door type D6	No.	1		
d	800 x 1950 mm high as door type D7	No.	7		
e	800 x 2275 mm high as door type D8	No.	1		
f	900 x 2400 mm high as door type D9	No.	1		
<u>ALUMINIUM AND GLASS WORK</u>					

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<p><u>Powder coated 20 micron; Aluminium section windows; frames; permanent ventilators full width; galvanized as specified; glazing beads and sealing strips; all necessary accessories; door furniture and ironmongery to approval</u></p> <p><u>Office Block</u></p> <p>Windows etc. to be in accordance with Architect's drawing No. H.B.2014.08.22 (Rates for windows to include for supply and fix complete including glazing and all necessary furniture as required.)</p>					
g	2400 x 2970 mm as window type W1	No.	17		
h	2400 x 2010 mm as window type W2	No.	10		
i	1800 x 2970 mm as window type W3	No.	2		
j	1800 x 2010 mm as window type W4	No.	5		
k	1500 x 2010 mm as window type W5	No.	12		
l	2400 x 2665 mm as window type W6	No.	1		
m	1000 x 2970 mm as window type W7	No.	2		
n	800 x 2310 mm as window type W8	No.	9		
o	800 x 1350 mm as window type W9	No.	2		
p	800 x 1015 mm as window type W10	No.	1		
q	2400 x 1320 mm as window type W11	No.	82		
r	2400 x 1320 mm as window type W12	No.	48		
s	1800 x 1320 mm as window type W13	No.	40		
t	1500 x 2310 mm as window type W14	No.	35		
u	1200 x 1320 mm as window type W15	No.	2		
v	2400 x 1015 mm as window type W16	No.	8		
<u>Total Carried to Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
a	800 x 990 mm as window type W17	No.	4		
b	800 x 990 mm as window type W18	No.	20		
c	1800 x 1320 mm as window type W19	No.	10		
d	1000 x 1000 mm as window type W20	No.	4		
e	2400 x 2060 mm as window type W21	No.	4		
f	1200 x 2060 mm as window type W22	No.	2		
g	1200 x 990 mm as window type W23	No.	4		

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h	800 x 1110 mm as window type W24	No.	18		
	Out - Buildings				
i	1800 x 1500 mm as window type W1	No.	10		
j	2400 x 1500 mm as window type W2	No.	2		
k	800 x 900 mm as window type W3	No.	4		
l	1800 x 900 mm as window type W4	No.	7		
m	1200 x 1200 mm as window type W5	No.	1		
n	800 x 1500 mm as window type W6	No.	2		
o	1200 x 1500 mm as window type W7	No.	2		
p	2400 x 900 mm as window type W8	No.	5		
q	1200 x 900 mm as window type W9	No.	5		
r	1800 x 900 mm as window type W10	No.	4		
	<u>White Aluminium powder coated partition on 900 mm high gypsum partition with 100 x 25 mm Mvule skirting; on all gypsum partitioning walls allow 150 x 25 mm Timber coping and 100 x 25 mm skirting</u>				
	Partitions to be in accordance with Architect's drawing No. H.B.2014.08.40 (Rates for the partitions to include for supply and fix)	No.	17		
s	4450 x 3300 mm as partition type 1	No.	1		
t	4450 x 3300 mm as partition type 2	No.	1		
u	3150 x 3300 mm as partition type 3	No.	1		
v	5933 x 3300 mm as partition type 4	No.	1		
	<u>Total Carried to Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
a	4300 x 3300 mm as partition type 5	No.	1		
b	4025 x 3300 mm as partition type 6	No.	1		
c	8800 x 3300 mm as partition type 7	No.	1		
d	3650 x 3300 mm as partition type 8	No.	1		
e	5975 x 3300 mm as partition type 9	No.	1		
f	2675 x 3300 mm as partition type 10	No.	1		
g	8800 x 3300 mm as partition type 11	No.	1		
h	4150 x 3300 mm as partition type 12	No.	1		

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i	4325 x 3300 mm as partition type 13	No.	1		
j	4450 x 3300 mm as partition type 14	No.	1		
k	4300 x 3300 mm as partition type 15	No.	1		
l	8800 x 3300 mm as partition type 16	No.	1		
<u>STRUCTURED GLAZING</u>					
Provide a P. C. Sum of Kenya Shillings Three million for Structured glazing to be detailed by the Architect. (Note: to be measured on completion and priced in accordance with rates contained in this Bills of Quantities or pro - rata thereto)					
m	generally		Item		3,000,000.00
<u>IRONMONGERY AND LOCKING SYSTEM</u>					
Provide a P. C. Sum of Kenya Shillings Five million for M/s. Hafele East Africa; standard ironmongery and locking systems to Architect's approval.					
n	generally		Item		5,000,000.00
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>SIGNAGE AND FLAG MATS</u>					
Note:- The following to the subsequent details from the Architect					
Wall mounted Signage for General Offices and other areas.					
a	Contractor to supply and fix to walls Perspex signage plate size 450x 120x 3mm thick complete with lettering embossed from a reputable signage specialist. All above mounted on a molded Mvule stained and polished backing size 500x170 x 25 mm thick. Fitted to wall with lugs and 2 no brass screws.	No.	160		
b	Contractor to supply and fix to walls Perspex signage plate size 600 x 120x 3mm thick complete with lettering embossed from a reputable signage specialist. All above mounted on a molded Mvule stained and polished backing size 650x170 x 25 mm thick. Fitted to wall with 2 no brass screws.	No.	20		
Ceiling Suspended Signages.					

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c	Contractor to supply and fix Perspex signage plate size 450x300x3mm thick mounted on both sides of a box measuring the same 100mm in depth and suspended with brass chain from the ceiling. Chain to be medium gauge to approval and to be 3mm in length per sign. Embossed lettering minimum 20. Brass Signs to Executive offices.	No.	40		
d	Contractor to supply and fix brass signages in 80mm height bold lettering to approval. Letters to be 4mm thick and mounted on black marble backing size 800x300x20mm thick all to approval Signages to Buildings and Entrance.	No.	8		
e	Contractor to supply and fix brass signages in 200mm height bold lettering to approval. Letters to be 2mm thick and mounted on black marble backing size 400x800x20mm thick all to approval. Contractor to allow for minimum 20 letters per building	No.	3		
f	To main entrance contractor to supply and fix 750mm high sign fabricated from metal tube of 75x75 x1.5mm thick painted with rustic color to approval. Entire sign to be mounted on 9m long 75x75x1.5mm metal stand mounted on the Entrance gate. Lettering to be 'Kilifi Assembly Offices'	No.	1		
g	To main building allow for precast concrete lettering in 750mm high by 75x75mm thick all fixed to the main canopy. Road Works Signage.	No.	1		
h	Allow for road signage of 600mm diameter 1.5mm thick mild steel plates painted to approval and mounted on 4m high above ground level 75mm diameter galvanized pipe. Allow for adequate concrete foundation inclusive of all works. Flag Masts	No.	8		
i	Allow for supply and fixing on ground, flag posts 6m in height above ground level made from 200 mm diameter galvanized pipe at the bottom 4 m and 2 m of 75 mm diameter. Top to be completed in a ball shaped diameter of 100 mm. Allow for flag hoisting gears to each unit to approval. Allow for adequate concrete foundation.	No.	4		
Total carried to collection				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
a	METAL WORKS FABRICATION <u>Note:- The following to the subsequent details from the Architect</u> Main Entrance Gates <u>Contractor to supply and fix Mild steel gates complete with ironmongery for Executive and general public entrance as follows.</u> External outer frame 100x50 and 1.5mm thick measuring 14m in length with internal vertical frame in 100x25x1.5m. Solid 12mm by 12 mm mild steel sections criss cross welded length being 32 mm. To above supply and fix 4 no hasp and staple and 4 no bolts at the bottom. Contractor to supply and fix Mild steel gate complete with ironmongery for watchman at entrance as follows.	No.	4		

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b	External outer frame 100x50 and 1.5mm thick measuring 6m in length with internal Solid 12mm by 12 mm mild steel sections criss cross welded length being 6 running metres.	No.	1		
c	Contractor to supply and fix to gates decorative shield made from 2mm thick mild steel plate fitted to gates measuring 1800mm in height and 1000mm in width. Shield to be painted with national colors all to approval.	No.	3		
Grilles to Front Gate House doors and windows.					
Side Entrance doors.(D1)					
d	Overall opening size of 2400mm high and 900 mm width. Frame size rolled hollow sections 25mmx50mm deep and 1mm thick cut and welded to suitable size. Total length of frame fixed to wall is 6.8meters. Ditto but frame for shutter total 5.2 running meters. Internal sections of 25x3mm thick mild steel flats welded and shaped to approval. Total length 20 running meters. All above painted with rustic paint to approval.	No.	1		
Grille Entrance to Screening Area(D2)					
e	Overall opening size of 2400mm high and 1200 mm width. Frame size rolled hollow sections 25mmx50mm deep and 1mm thick cut and welded to suitable size. Total length of frame fixed to wall is 6.8 running meters. Ditto but frame for shutter 10.8 running meters. 2 No shutters. Internal sections of 25x3mm thick flats welded and shaped to approval. Total length 26 running metres. All above painted with rustic paint to approval.	No.	2		
f	Grilles W2 to Window in security office. Overall opening size of 1500mm high and 2400 mm width. Frame size rolled hollow sections 25mm x 50mm deep and 1mm thick cut and welded to suitable size. Total length of frame fixed to wall intermediate partitions is 13 running meters. Internal sections of 25x3mm thick flats welded and shaped to approval. Total length 112 running metres. All above painted with rustic paint to approval.	No.	1		
Total carried to collection				K. Shs.	

Item	Description	Unit	Quantity	Rate	Amount
Rear Entrance Gates					
Contractor to supply and fix Mild steel gates complete with ironmongery for rear entrance as follows.					
a	External outer frame 100x50 and 1.5mm thick measuring 29m in length with internal vertical frame in 100x25x1.5m. Solid 12mm by 12 mm M/S sections criss cross welded length being 16 m. To above supply and fix 4 no hasp and staple and 4 no bolts at the bottom.	No.	1		
Grilles to opening in rear security office.					
b	Overall opening size of 2400mm high and 900 width. Frame size hollow sections 25mmx50mm deep and 1mm thick cut and welded to suitable size. Total length of frame fixed to wall is 6.8meters. Ditto but frame for shutter 5.2 r meters.	No.	1		

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	<p>Internal sections of 25x3mm thick flats welded and shaped to approval. Total length 20 running m. All above painted with rustic paint to approval.</p> <p>GrillesW2 to Window in security office.</p> <p>Overall opening size of 900mm high and 800 width. Frame size hollow sections 25mm x 50mm deep and 1mm thick cut and welded to suitable size. Total length of frame fixed to wall intermediate partitions is 3.6r meters. meters. Internal sections of 25x3mm thick flats welded and shaped to approval. Total length 8 running m. All above painted with rustic paint to approval.</p> <p>Main Building. Ground Floor.</p> <p>Contractor to supply and fix to ground floor grilles to doors, windows, void areas balcony etc. the following in mild steel sections</p> <p>Main Entrance doors.(D1)</p> <p>Overall opening size of 3960mm ht and 3000 width. Frame size RHS 25mmx50mm deep and 1mm thick cut and welded to suitable size. Total length of frame fixed to wall is 20 r meters. Ditto but frame for shutter 16 r meters. Internal sections of 25x3mm thick flats welded and shaped to approval. Total length 44 running m. All above painted with rustic paint to approval.</p> <p>Side Entrance doors.(D2)</p> <p>Overall opening size of 3960mm ht and 1800 width. Frame size RHS 25mm x 50mm depend 1mm thick cut and welded to suitable size. Total length of frame fixed to wall 12 r . Ditto but frame for shutters 16 r meters. Internal sections of 25x3mm thick flats welded and shaped to approval. Total length 44 running m. All above painted with rustic paint to approval.</p> <p>Entrance to Store.(D6)</p> <p>Overall opening size of 3000mm ht and 900 width. Frame size RHS 25mm x 50mm depend 1mm thick cut and welded to suitable size. Total length of frame fixed to wall 8 r meters. Ditto but frame for shutters 7 r meters Internal sections of 25x3mm thick flats welded and shaped to approval. Total length 44 running m. All above painted with rustic paint to approval.</p> <p>Total carried to collection</p>	<p>No.</p> <p>No.</p> <p>No.</p> <p>No.</p>	<p>1</p> <p>2</p> <p>8</p> <p>1</p>	<p></p> <p></p> <p></p> <p></p>	<p></p> <p></p> <p></p> <p></p> <p align="center">K. Shs.</p>
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Item	Description	Unit	Quantity	Rate	Amount
a	<p>Grilles to Windows to Ground Floor.(W1)</p> <p>Overall opening size of 2970mm ht and 2400 width. Frame size RHS 25mm x 50mm depend 1mm thick cut and welded to suitable size. Total length of frame fixed to wall intermediate partitions is 30 r meters. meters. Internal sections of 25x3mm thick flats welded and shaped to approval. Total length 99 running m. All above painted with rustic paint to approval.</p>	No.	17		
b	<p>Grilles to Windows to Ground Floor.(W3)</p> <p>Overall opening size of 2970mm ht and 1800 width. Frame size RHS 25mm x 50mm deep and 1mm thick cut and welded to suitable size. Total length of frame fixed to wall intermediate partitions is 23 r meters. meters. Internal sections of 25x3mm thick flats welded and shaped to approval. Total length 50 running m. All above painted with rustic paint to approval.</p>	No.	2		
	<p>Grilles to Windows to Ground Floor.(W6)</p>				

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c	Overall opening size of 2665mm ht and 2400 width. Frame size RHS 25mm x 50mm deep and 1mm thick cut and welded to suitable size. Total length of frame fixed to wall intermediate partitions is 30 r meters. meters. Internal sections of 25x3mm thick flats welded and shaped to approval. Total length 61 running m. All above painted with rustic paint to approval.	No.	1		
d	Grilles to Windows to Ground Floor.(W7) Overall opening size of 2970mm ht and 1000 width. Frame size RHS 25mm x 50mm deep and 1mm thick cut and welded to suitable size. Total length of frame fixed to wall intermediate partitions is 12 r meters. meters. Internal sections of 25x3mm thick flats welded and shaped to approval. Total length 22 running m. All above painted with rustic paint to approval.	No.	2		
6	Grilles to Windows to Ground Floor.(W8) Overall opening size of 1350mm ht and 800 width. Frame size RHS 25mm x 50mm deep and 1mm thick cut and welded to suitable size. Total length of frame fixed to wall intermediate partitions is 5.2 r meters. meters. Internal sections of 25x3mm thick flats welded and shaped to approval. Total length 16 running m. All above painted with rustic paint to approval.	No.	1		
	Main Building Railing to Void areas.				
	<u>Contractor to supply and fix composite railing of M/S sections and Stainless steel to void area as follows</u>				
e	75mm diameter and 2mm thick approved quality stainless steel railing fixed on top of M/S railing. Length of railing to be 5.5 Running meters.	No.	52		
f	Contractor to supply and fix to void areas M/S railing cut and bent to approval. Total length of framed to be 104 running M all painted to approval in rustic colors. Frame fixed at bottom to upstand and top to stainless steel rail all to approval.	No.	52		
F	Main Building Railing to Quarter round Balconies.				
	<u>Contractor to supply and fix composite railing of M/S sections and Stainless steel to balcony area as follows :-</u>				
I	75mm diameter and 2mm thick approved quality stainless steel railing fixed on top of M/S railing. Length of railing to be 3Running meters.	No.	16		
g	Contractor to supply and fix to void areas M/S railing cut and bent to approval. Total length of framed to be 52 running M all painted to approval in rustic colors. Frame fixed at bottom to upstand and top to stainless steel rail all to approval.	No.	16		
	Total Carried to Collection			K. Shs.	

Item	Description	Unit	Quantity	Rate	Amount
	Main Building Railings to Passage Openings				
a	To Small openings 75mm diameter and 2mm thick approved quality stainless steel railing fixed on top of M/S railing. Length of railing to be 2 Running meters.	No.	14		
b	Contractor to supply and fix to void areas M/S railing cut and bent to approval. Total length of framed to be 40 running M all painted to approval in rustic colors. Frame fixed at bottom to upstand and top to stainless steel rail all to approval.	No.	14		
c	To Large Opening 75mm diameter and 2mm thick approved quality stainless steel railing fixed on top of M/S railing. Length of railing to be 4 Running meters.	No.	14		

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c	Contractor to supply and fix to void areas M/S railing cut and bent to approval. Total length of framed to be 80 running M all painted to approval in rustic colors. Frame fixed at bottom to upstand and top to stainless steel rail all to approval.	No.	14		
e	To 2 No. Offices on Fourth Floor. 75mm diameter and 2mm thick approved quality stainless steel railing fixed on top of M/S railing. Length of railing to be 2 Running meters.	No.	2		
f	Contractor to supply and fix to void areas M/S railing cut and bent to approval. Total length of framed to be 40 running M all painted to approval in rustic colors. Frame fixed at bottom to upstand and top to stainless steel rail all to approval.	No.	2		
	Timber Staircases = 2 No.				
	<u>Contractor to supply and fix 2 No Mvule Timber Staircases stained and polished to approval complete with Treads, Risers Balustrade, Skirting, Top Railing, Newel Posts etc. as follows</u>				
g	1500x 330x50mm thick Mvule Tread with groves 2 no deep 4mm all to approval.	No.	200		
h	1400x 165x25mm thick Mvule Risers all to approval.	No.	222		
i	75mmx75mm x 900 mm height moldedmvule balustrades stained polished fitted to Treads with bolting all to approval.	No.	780		
j	200mmx200m x 1300mm high molded mvule newel posts stained polished fitted to floor with bolting all to approval.				
	To newel posts and balustrades fix top hand rail molded to approval size 100mmx75mm all stained and polished.	LM	480		
k	75mm x 25 mm timber skirting cut to approved sizes fixed to rises on the sides and at the bottom all to approval.	LM	480		
l	300mmx50mm thick stained and polished timber boarding fixed with lugs to landing areas all to approval.	SM	162		
	<u>Total Carried to collection</u>			K. Shs.	

Item	Description	Unit	Quantity	Rate	Amount
	Provisional Sums				
1	Entrance Counter, Library furniture, Restaurant counters, rear wall cabinets and wall panels,	Item			7,500,000.00
2	Decorative features , murals fountains etc.	Item			2,000,000.00
3	metal works on boundary wall	Item			500,000.00
	<u>Total carried to collection</u>			K. Shs.	10,000,000.00
	<u>COLLECTION</u>				

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Brought forward from page 3/-72				
" " " " 3/-73				
" " " " 3/-74				
" " " " 3/-75				
" " " " 3/-76				
" " " " 3/-77				
" " " " 3/-78				
" " " " 3/-79				
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" " " " 3/-81				
" " " " 3/-82				
" " " " 3/-83 above				10,000,000.00
<u>Total for Fit Outs and Interior Works Carried to Section No. 3 Summary</u>			K. Shs.	

Item	Description	Unit	Quantity	Rate	Amount
	<u>PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI</u> <u>PLOT No. 2146 - MALINDI</u>				
	<u>SECTION No. 3 OFFICE BLOCK</u>		Page No.		
	<u>SUMMARY</u>				
	1.0 GROUND FLOOR		3/-18		
	2.0 FIRST FLOOR		3/-28		

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3.0 SECOND FLOOR	3/-41		
4.0 THIRD FLOOR	3/-51		
5.0 FOURTH FLOOR	3/-61		
6.0 STAIR CASE	3/-64		
7.0 LIFT SHAFT AND SHEAR WALLS	3/-67		
8.0 MAIN ROOF	3/-71		
9.0 FIT OUTS AND INTERIOR WORKS	3/-83		
<u>Total For Section No. 3 - Office Block Carried To Main Summary</u>		K. Shs.	