

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

Item	Description	Unit	Quantity	Rate	Amount
	<u>SECURITY BUILDING = SM 69</u>				
	<u>WORKS BELOW LOWEST SLAB FINISH</u>				
	<u>SITE WORKS</u>				
	<u>EXCAVATION (PROVISIONAL)</u>				
	<u>Excavating</u>				
	Oversite excavation to remove top soil				
a	150 mm average deep; deposit on site where directed by the Architect, not exceeding 50 metres from the limit of excavations	CM	13		
	Trenches to receive foundations starting from stripped level				
b	generally	CM	36		
	Pits to receive foundations; 8 No. starting from stripped level				
c	generally	CM	12		
	Extra over all kinds of excavations irrespective of depth for				
d	breaking up rock	CM	14		
	<u>Disposal</u>				
	Excavated Material				
e	backfilling into foundations; depositing and compacting in layers maximum 150 mm thick	CM	27		
	Surplus excavated material				
f	removing from site	CM	21		
	<u>Earth work support</u>				
	Sides of excavations				
g	generally		ITEM		
	<u>Disposal of water</u>				
	Keeping excavations free from				
h	all water including spring and running water		ITEM		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount

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<u>HARDCORE AND THE LIKE</u>					
<u>Murram</u>					
	Filling in making up levels				
a	generally, depositing and compacting in layers, maximum 150 mm thick	CM	5		
<u>Hardcore</u>					
	Filling in making up levels				
a	generally, depositing and compacting in layers, maximum 150 mm thick; including blinding with 50 mm thick quarry dust	CM	15		
<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				
b	to hardcore beds and tops of foundation walls	SM	60		
<u>PAVING AND SURFACING</u>					
<u>Pre-cast concrete paving slabs; B.S . 368; to regular pattern; bedding, jointing and pointing in cement mortar (1:4)</u>					
	600 x 300 x 50 mm thick; pencil rounded edges; butt joints straight both ways on and including 50 mm sand bed; generally to				
c	splash aprons; to falls	SM	16		
<u>CONCRETE WORK</u>					
<u>POURED CONCRETE (PROVISIONAL)</u>					
<u>Plain</u>					
	Mass concrete mix 1:4:8-20				
d	blinding; 50 mm thick	CM	2		
	Mass concrete class 15(20): in				
e	strip footings	CM	6		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount

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

	<u>Reinforced concrete</u>				
	Normal; class 25(20); in cement grade 42.5 N; vibrated; in				
a	beds; 125 mm thick	CM	8		
b	foundations	CM	2		
c	columns; below floor slab level	CM	0.40		
d	ground beams	CM	2		
	<u>REINFORCEMENTS (PROVISIONAL)</u>				
	<u>Bars: High yield steel; Cold worked; B.S 4461</u>				
	In any location				
e	32mm -12 mm	KG	228		
f	8 mm	KG	300		
	<u>Fabric: B.S 4483</u>				
	Reference A142; weight 2.22 kg/sq.m				
g	in any location	SM	60		
	<u>SHUTTERING</u>				
	<u>Generally</u>				
	Generally to				
h	sides of columns	SM	7		
i	sides of ground beams	SM	14		
j	edges; 75 to 150 mm wide	LM	36		
	<u>SUNDRIES</u>				
	Wall ties one end cast into concrete; other end built into joints of masonry				
k	25 x 450 mm	No.	64		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>MASONRY</u>				

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	<u>FOUNDATION WALLS (PROVISIONAL)</u>				
	Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)				
	Walls				
a	200 mm thick	SM	41		
	<u>THERMAL AND MOISTURE PROTECTION</u>				
	<u>DAMP PROOF MEMBRANES (PROVISIONAL)</u>				
	Polythene; 500 gauge; 150 mm laps				
	Horizontally				
b	generally	SM	60		
	<u>Total Carried To Collection</u>			K. Shs.	
	<u>COLLECTION</u>				
	Brought forward from page 4/-1				
	" " " " 4/-2				
	" " " " 4/-3				
	" " " " 4/-4 above				
	<u>Total for Works below lowest slab finish carried to Security Building 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 42.5 N; vibrated; in					
a	suspended slabs; 150 mm thick	CM	11		
b	beams	CM	3		
c	columns	CM	1		
<u>REINFORCEMENTS (PROVISIONAL)</u>					
<u>Bars: High yield steel; Cold worked; B.S 4461</u>					
In any location					
d	32mm -12 mm	KG	700		
e	8 mm	KG	1,100		
<u>SHUTTERING</u>					
<u>Generally</u>					
Generally to					
f	soffits of slab	SM	46		
g	sides and soffits of beams	SM	35		
h	sides of columns	SM	16		
i	edges; girth 150 to 225 mm wide	LM	31		
<u>SUNDRIES</u>					
Wall ties one end cast into concrete; other end built into joints of masonry					
j	25 x 450 mm	No.	128		
<u>Total for Reinforced Concrete Frames and Slabs - Carried to Security Building 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	66		
	<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	24		
	<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	10		
	<u>THERMAL AND MOISTURE PROTECTION</u>				
	<u>DAMP PROOF COURSES</u>				
	<u>B.S. 743; Type A; bitumen hessian based</u>				
	Horizontal				
f	150 mm wide	LM	49		
g	200 mm wide	LM	5		
	<u>Total for External and Internal Walls - Carried to Security Building Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>ROOF COVERINGS AND PARAPET WALLS</u>				
	<u>CONCRETE WORK</u>				

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	<p><u>PRE-CAST CONCRETE</u></p> <p>Normal; class25(15); vibrated; part surfaces fair faced finished</p> <p>Copings</p> <p>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)</p> <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> <p>b 200 mm thick</p> <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><u>Total Carried To Collection</u></p>	<p>LM</p> <p>SM</p>	<p>37</p> <p>17</p>	<p>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.</p>				

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	<u>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 surfaces	SM	70		
b	to vertical ; 300 mm high	SM	17		
c	cut chase and recement	LM	57		
d	outlets	No.	1		
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand(1:4); waterproofed; external</u>				
	To roofs; screeded				
d	75 mm thick; to receive water proofed membrane	SM	70		
e	35 mm thick; to receive quarry tiles	SM	70		
	Angle fillets				
f	150 x 150 mm	LM	18		
	<u>FINISHINGS</u>				
	<u>Render; cement and sand (1:4); wood floated; external</u>				
	15 mm thick				
g	to walls	SM	34		
	<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	70		
i	to skirtings; 150 mm wide; 45° slope	LM	18		
	<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>				

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a	Plastered surfaces; externally; on walls	SM	34		
	<u>Total Carried To Collection</u>			K. Shs.	
	<u>COLLECTION</u>				
	Brought forward from page 4/-7 " " " " 4/-8 " " " " 4/9 above				
	<u>Total for Roof Coverings - Carried to Security Building Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>DOORS AND WINDOW OPENINGS</u>				
	<u>CONCRETE WORK</u>				
	<u>PRE-CAST CONCRETE</u>				
	<u>Normal; class 25(15); vibrated</u>				

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a	<p>Lintels</p> <p>200 x 200 mm; reinforced for 12 mm diameter mild steel bars; 6 mm diameter links at 200 mm centre to centre</p> <p><u>Normal; Class 25(15); vibrated; part surface fair faced finished</u></p>	LM	11		
b	<p>Sills</p> <p>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)</p>	LM	4		
<u>Total for Door and Window Openings - Carried to Security Building Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<p><u>WET FINISHES</u></p> <p><u>FLOOR FINISHES</u></p> <p><u>BACKGROUNDS</u></p> <p><u>Mortar; cement and sand (1:4); internal</u></p>				

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a	To floors; screeded 40 mm thick; to receive tiles	SM	38		
	<u>WALL FINISHES</u> <u>BACKGROUNDS</u> <u>Mortar: cement and sand (1:4); internally</u>				
b	To walls; screeded 15 mm thick; to receive tiles	SM	21		
c	15 mm thick; to receive skirting	SM	6		
	<u>FINISHINGS</u> <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				
d	28 mm thick with 20 x 12 mm recessed horizontal pointing as work proceeds	SM	89		
	<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>				
e	15 mm thick to walls	SM	147		
	<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>				
f	15 mm thick to ceilings	SM	54		
	<u>Total for Wet Finishes - Carried to Security Building Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>APPLIED EXPOSED FINISHES</u> <u>FLOOR 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>				

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	Tiles; internally				
a	to floors	SM	38		
b	to skirting; 100 mm high	LM	57		
	<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	21		
d	toilet roll holders; size 150 x 150 mm	No.	2		
	<u>SUNDRIES</u>				
	Accessories				
e	marine quality stainless steel corner strips; setting in tiles	LM	12		
	<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				
f	walls with recessed pointing	SM	89		
	<u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacturer, CROWN SOLO or similar and approved</u>				
	Plastered surfaces; internally on				
g	walls	SM	147		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>CEILING FINISHES</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. Manufacturer, CROWN SOLO or similar and approved (application to be in accordance with manufacturer's specification</u>				
	Plastered surfaces; on				

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a	ceiling	SM	54		
<u>Total Carried To Collection</u>				K. Shs.	
<u>COLLECTION</u>					
Brought forward from page 4/-12					
"	" " "		4/-13 above		
<u>Total for Applied Exposed Finishes - Carried to Security Building Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI PLOT No. 2146 MALINDI</u> <u>SECURITY BUILDING</u> <u>SUMMARY</u> 1.0 WORKS BELOW LOWEST SLAB FINISH		Page No. 4/-4		

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<p>2.0 REINFORCED CONCRETE FRAMES AND SLAB</p> <p>3.0 EXTERNAL WALLING AND INTERNAL PARTITIONS</p> <p>4.0 ROOF COVERINGS AND PARAPET WALLS</p> <p>5.0 DOORS AND WINDOW OPENINGS</p> <p>6.0 WET FINISHES</p> <p>7.0 APPLIED EXPOSED FINISHES</p> <p>Total for Security Building - Carried to Section No. 4 Summary</p>		<p>4/-5</p> <p>4/-6</p> <p>4/-9</p> <p>4/-10</p> <p>4/-11</p> <p>4/-13</p>			
			K. Shs.		
Item	Description	Unit	Quantity	Rate	Amount
	<p><u>STAFF CHANGING BLOCK = SM 55</u> (Note:- Completion of Excavation and backfilling Works previously executed by Others) <u>WORKS BELOW LOWEST SLAB FINISH</u></p> <p><u>SITE WORKS</u></p> <p><u>SITE PREPARATION (PROVISIONAL)</u></p> <p><u>Site clearance</u></p> <p>Grubbing up stumps and roots</p>				

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a	generally; including all necessary mass excavation and backfilling	No.	1		
	<u>EXCAVATION (PROVISIONAL)</u>				
	<u>Excavating</u>				
	Oversite excavation to remove top soil				
b	150 mm average deep; deposit on site where directed by the Architect, not exceeding 50 metres from the limit of excavations	CM	8		
	Trenches to receive foundations starting from stripped level				
b	generally	CM	5		
	Pits to receive foundations; 6 No. starting from stripped level				
c	generally	CM	2		
	Extra over all kinds of excavations irrespective of depth for				
d	breaking up rock	CM	5		
	<u>Disposal</u>				
	Excavated Material; left by previous Contractor				
e	backfilling into foundations; depositing and compacting in layers maximum 150 mm thick	CM	18		
	Surplus excavated material; left by previous Contractor				
f	removing from site	CM	20		
	<u>Earth work support</u>				
	Sides of excavations				
g	generally		ITEM		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>Disposal of water</u>				
	Keeping excavations free from				
a	all water including spring and running water		ITEM		
	<u>HARDCORE AND THE LIKE</u>				
	<u>Murram</u>				
	Filling in making up levels				
b	generally, depositing and compacting in layers, maximum				

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	150 mm thick <u>Hardcore</u>	CM	6		
c	Filling in making up levels generally, depositing and compacting in layers, maximum 150 mm thick; including blinding with 50 mm thick quarry dust	CM	14		
	<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				
d	to hardcore beds and tops of foundation walls	SM	55		
	<u>PAVING AND SURFACING</u>				
	<u>Pre-cast concrete paving slabs; B.S . 368; to regular pattern; bedding, jointing and pointing in cement mortar (1:4)</u>				
	600 x 300 x 50 mm thick; pencil rounded edges; butt joints straight both ways on and including 50 mm sand bed; generally to				
e	splash aprons; to falls	SM	21		
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE (PROVISIONAL)</u>				
	<u>Plain</u>				
	Mass concrete mix 1:4:8-20				
f	blinding; 50 mm thick	CM	2		
	Mass concrete class 15(20); in				
g	strip footings	CM	6		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>Reinforced concrete</u>				
	Normal; class 25(20); in cement grade 42.5 N; vibrated; in				
a	beds; 125 mm thick	CM	7		
b	foundations	CM	2		
c	columns; below floor slab level	CM	1		
d	ground beams	CM	1		
	<u>REINFORCEMENTS (PROVISIONAL)</u>				

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	<u>Bars: High yield steel; Cold worked; B.S 4461</u>				
	In any location				
e	32mm -12 mm	KG	250		
f	8 mm	KG	150		
	<u>Fabric: B.S 4483</u>				
	Reference A142; weight 2.22 kg/sq.m				
g	in any location	SM	55		
	<u>SHUTTERING</u>				
	<u>Generally</u>				
	Generally to				
h	sides of columns	SM	6		
i	sides of ground beams	SM	10		
j	edges; 75 to 150 mm wide	LM	31		
	<u>SUNDRIES</u>				
	Wall ties one end cast into concrete; other end built into joints of masonry				
k	25 x 450 mm	No.	102		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>MASONRY</u>				
	<u>FOUNDATION WALLS (PROVISIONAL)</u>				
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Walls				
a	200 mm thick	SM	38		
	<u>THERMAL AND MOISTURE PROTECTION</u>				
	<u>DAMP PROOF MEMBRANES (PROVISIONAL)</u>				

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b	<u>Polythene; 500 gauge; 150 mm laps</u> Horizontally generally	SM	55		
<u>Total Carried To Collection</u>				K. Shs.	
<u>COLLECTION</u>					
Brought forward from page 4/-15					
" " " " 4/-16					
" " " " 4/-17					
" " " " 4/-18 above					
<u>Total for works below lowest slab finish - Carried to Staff Changing Block Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<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	17		
b	beams	CM	4		
c	columns	CM	1		

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<u>REINFORCEMENTS (PROVISIONAL)</u>					
<u>Bars: High yield steel; Cold worked; B.S 4461</u>					
In any location					
d	32mm -12 mm	KG	1,500		
e	8 mm	KG	1,250		
<u>SHUTTERING</u>					
<u>Generally</u>					
Generally to					
f	soffits of slab	SM	79		
g	sides and soffits of beams	SM	51		
h	sides of columns	SM	12		
i	edges; girth 150 to 225 mm wide	LM	33		
<u>SUNDRIES</u>					
Wall ties one end cast into concrete; other end built into joints of masonry					
j	25 x 450 mm	No.	96		
<u>Total for Reinforced Concrete Frames and Slab - Carried to Staff Changing Block 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	55		
<u>INTERNAL PARTITIONS</u>					
<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>					

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b	Walls 200 mm thick	SM	34		
<u>THERMAL AND MOISTURE PROTECTION</u>					
<u>DAMP PROOF COURSES</u>					
<u>B.S. 743; Type A: bitumen hessian based</u>					
c	Horizontal 200 mm wide	LM	46		
<u>Total for External and Internal Walls - Carried to Staff Changing Block 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>					
a	Copings 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	31		
<u>MASONRY</u>					
<u>PARAPET WALLS</u>					

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

	<p><u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u></p> <p>Parapet walls</p> <p>b 200 mm thick</p> <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><u>Total Carried To Collection</u></p>	SM	14		
				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> <p>Two coat work; to concrete, masonry or screeded base; generally</p> <p>a to flat surfaces</p> <p>b to vertical ; 300 mm high</p> <p>c cut chase and recement</p> <p>d outlets</p> <p><u>BACKGROUNDS</u></p>	SM	79		

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

	<u>Mortar; cement and sand(1:4); waterproofed; external</u>				
	To roofs; screeded				
d	75 mm thick; to receive water proofed membrane	SM	79		
e	35 mm thick; to receive quarry tiles	SM	79		
	Angle fillets				
f	150 x 150 mm	LM	31		
	<u>FINISHINGS</u>				
	<u>Render; cement and sand (1:4); wood floated; external</u>				
	15 mm thick				
g	to walls	SM	28		
	<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	79		
i	to skirtings; 150 mm wide; 45° slope	LM	31		
	<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	28		
	<u>Total Carried To Collection</u>			K. Shs.	
	<u>COLLECTION</u>				
	Brought forward from page 4/-21				
"	" " " " 4/-22				

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

	<p>" " " " 4/23 above</p>				
	<p><u>Total for Roof Coverings - Carried to Staff Changing Block Summary</u></p>			<p>K. Shs.</p>	
Item	Description	Unit	Quantity	Rate	Amount
	<p><u>DOORS AND WINDOW OPENINGS</u></p> <p><u>CONCRETE WORK</u></p> <p><u>PRE-CAST CONCRETE</u></p> <p><u>Normal; class 25(15); vibrated</u></p> <p>Lintels</p> <p>a 200 x 200 mm; reinforced for 12 mm diameter mild steel bars; 6 mm diameter links at 200 mm centre to centre</p> <p><u>Normal; Class 25(15); vibrated; part surface fair faced finished</u></p> <p>Sills</p> <p>b 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</p>	<p>LM</p>	<p>15</p>		

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

	mortar (1:4)	LM	11		
Total for Door and Window Openings - Carried to Staff Changing Block Summary				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>WET FINISHES</u>				
	<u>FLOOR FINISHES</u>				
	<u>BACKGROUNDS</u>				
	Mortar; cement and sand (1:4); internally				
	To floors; screeded				
a	40 mm thick; to receive tiles	SM	46		
	<u>WALL FINISHES</u>				
	<u>BACKGROUNDS</u>				
	Mortar; cement and sand (1:4); internally				
	To walls; screeded				
b	15 mm thick; to receive tiles	SM	98		

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

c	15 mm thick; to receive skirting	SM	6		
	<u>FINISHINGS</u>				
	<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				
d	28 mm thick with 20 x 12 mm recessed horizontal pointing as work proceeds	SM	71		
	<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	49		
	<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</u>				
	15 mm thick				
f	to ceilings; internally	SM	67		
	<u>Total for wet finishes carried to changing house summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>APPLIED EXPOSED FINISHES</u>				
	<u>FLOOR 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				
a	to floors	SM	46		
b	to skirting; 100 mm high	LM	61		
	<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</u>				

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

	required for				
	Tiles; internally				
c	to walls	SM	98		
d	toilet roll holders; size 150 x 150 mm	No.	2		
	SUNDRIES				
	Accessories				
e	marine quality stainless steel corner strips; setting in tiles	LM	5		
	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</u>				
	Rendered surfaces; externally on				
f	walls with recessed pointing	SM	71		
	<u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacturer, CROWN SOLO or similar and approved</u>				
	Plastered surfaces; internally on				
g	walls	SM	49		
	Total Carried To Collection			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	CEILING FINISHES				
	DECORATIONS				
	<u>Apply one mist coat and 3 finishing coats of silk vinyl emulsion paint B.S Ref. 4800 colour to approval. Manufacturer, CROWN SOLO or similar and approved (application to be in accordance with manufacturer's specification</u>				
	Plastered surfaces; on				
a	ceiling	SM	67		
	LOOSE FURNITURE AND FITTINGS				
	STANDARD UNITS				
	<u>Clothing lockers ;ASHUT' or similar to approval</u>				
	Placing in position				
b	300 x 300 x 900 mm high	No.	28		

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

<u>Total Carried To Collection</u>				K. Shs.	
<u>COLLECTION</u>					
Brought forward from page 4/-26					
"	"	"	"	4/-27 above	
<u>Total for Applied Exposed Finishes - Carried to Staff Changing Block 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>STAFF CHANGING BLOCK</u>		Page No.		
	<u>SUMMARY</u>				
	1.0 WORKS BELOW LOWEST SLAB FINISH		4/-18		
	2.0 REINFORCED CONCRETE FRAMES AND SLAB		4/-19		
	3.0 EXTERNAL WALLING AND INTERNAL PARTITIONS		4/-20		
	4.0 ROOF COVERINGS AND PARAPET WALLS		4/-23		
	5.0 DOORS AND WINDOW OPENINGS		4/-24		
	6.0 WET FINISHES		4/-25		

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

	7.0 APPLIED EXPOSED FINISHES		4/-27		
	<u>Total for Staff Changing Block - Carried to Section No. 4 Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>STAFF HOUSE - 1 No. = SM 54</u>				
	<u>WORKS BELOW LOWEST SLAB FINISH</u>				
	<u>SITE WORKS</u>				
	<u>EXCAVATION (PROVISIONAL)</u>				
	<u>Excavating</u>				
	Oversite excavation to remove top soil				
a	150 mm average deep; deposit on site where directed by the Architect, not exceeding 50 metres from the limit of excavations	CM	10		
	Trenches to receive foundations starting from stripped level				
b	generally	CM	36		
	Pits to receive foundations; 6 No. starting from stripped level				
c	generally	CM	7		
	Extra over all kinds of excavations irrespective of depth for				
d	breaking up rock	CM	12		

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

	<u>Disposal</u>				
	Excavated Material				
e	backfilling into foundations; depositing and compacting in layers maximum 150 mm thick	CM	24		
	Surplus excavated material				
f	removing from site	CM	19		
	<u>Earth work support</u>				
	Sides of excavations				
g	generally		ITEM		
	<u>Disposal of water</u>				
	Keeping excavations free from				
h	all water including spring and running water		ITEM		
	Total Carried To Collection			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>HARDCORE AND THE LIKE</u>				
	<u>Murram</u>				
	Filling in making up levels				
a	generally, depositing and compacting in layers, maximum 150 mm thick	CM	6		
	<u>Hardcore</u>				
	Filling in making up levels				
a	generally, depositing and compacting in layers, maximum 150 mm thick; including blinding with 50 mm thick quarry dust	CM	13		
	<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				
b	to hardcore beds and tops of foundation walls	SM	54		
	<u>PAVING AND SURFACING</u>				
	<u>Pre-cast concrete paving slabs; B.S . 368; to regular pattern;</u>				

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

	<u>bedding, jointing and pointing in cement mortar (1:4)</u>				
	600 x 300 x 50 mm thick; pencil rounded edges; butt joints straight both ways on and including 50 mm sand bed; generally to				
c	splash aprons; to falls	SM	19		
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE (PROVISIONAL)</u>				
	<u>Plain</u>				
	Mass concrete mix 1:4:8-20				
d	blinding; 50 mm thick	CM	2		
	Mass concrete class 15(20); in				
e	strip footings	CM	5		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>Reinforced concrete</u>				
	Normal; class 25(20); in cement grade 42.5 N; vibrated; in				
a	beds; 125 mm thick	CM	7		
b	foundations	CM	3		
c	columns; below floor slab level	CM	1		
d	ground beams	CM	2		
	<u>REINFORCEMENTS (PROVISIONAL)</u>				
	<u>Bars; High yield steel; Cold worked; B.S 4461</u>				
	In any location				
e	32mm -12 mm	KG	500		
f	8 mm	KG	250		
	<u>Fabric; B.S 4483</u>				
	Reference A142; weight 2.22 kg/sq.m				
g	in any location	SM	54		

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

	<u>SHUTTERING</u>				
	Generally				
	Generally to				
h	sides of columns	SM	8		
i	sides of ground beams	SM	10		
j	edges; 75 to 150 mm wide	LM	32		
	<u>SUNDRIES</u>				
	Wall ties one end cast into concrete; other end built into joints of masonry				
k	25 x 450 mm	No.	72		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>MASONRY</u>				
	<u>FOUNDATION WALLS (PROVISIONAL)</u>				
	Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)				
	Walls				
a	200 mm thick	SM	43		
	<u>THERMAL AND MOISTURE PROTECTION</u>				
	<u>DAMP PROOF MEMBRANES (PROVISIONAL)</u>				
	Polythene; 500 gauge; 150 mm laps				
	Horizontally				
b	generally	SM	54		
	<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 4/-29								
	"	"	"	"	4/-30			
	"	"	"	"	4/-31			
	"	"	"	"	4/-32 above			
<u>Total for Works below lowest slab finish - Carried to Staff House Summary</u>					K. Shs.			
Item	Description				Unit	Quantity	Rate	Amount
	<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	13	
b		beams				CM	4	
c		columns				CM	1	
	<u>REINFORCEMENTS (PROVISIONAL)</u>							
	<u>Bars: High yield steel; Cold worked; B.S 4461</u>							
	In any location							
d		32mm -12 mm				KG	250	
e		8 mm				KG	1,500	
	<u>SHUTTERING</u>							
	<u>Generally</u>							

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

	Generally to				
f	soffits of slab	SM	88		
g	sides and soffits of beams	SM	50		
h	sides of columns	SM	18		
i	edges; 75 to 150 mm wide	LM	38		
	<u>SUNDRIES</u>				
	Wall ties one end cast into concrete; other end built into joints of masonry				
j	25 x 450 mm	No.	144		
	<u>Total for Reinforced Concrete Frames and Slab - Carried to Staff House 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	52		
	<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	13		
	Concrete blocks; B.S. 2028; type A; 3.5 N per square millimetre solids; in cement mortar (1:4)				
	Walls				
c	150 mm thick; reinforced	SM	18		
	<u>THERMAL AND MOISTURE PROTECTION</u>				

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

	<u>DAMP PROOF COURSES</u>				
	<u>B.S. 743; Type A; bitumen hessian based</u>				
	Horizontal				
d	200 mm wide	LM	34		
e	150 mm wide	LM	10		
	<u>Total for External and Internal Walls - Carried to Staff House 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	32		
	<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	14		
	<u>THERMAL AND MOISTURRE PROTECTION</u>				
	<u>Notes</u>				
	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.				

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

<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 surfaces	SM	88		
b	to vertical ; 300 mm high	SM	14		
c	cut chase and recement	LM	47		
d	outlets	No.	2		
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand(1:4); waterproofed; external</u>				
	To roofs; screeded				
d	75 mm thick; to receive water proofed membrane	SM	88		
e	35 mm thick; to receive quarry tiles	SM	88		
	Angle fillets				
f	150 x 150 mm	LM	32		
	<u>FINISHINGS</u>				

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

g	<p>Render; cement and sand (1:4); wood floated; external</p> <p>15 mm thick</p> <p>to walls</p>	SM	29		
h	<p>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</p> <p>200 x 200 x 10 mm</p> <p>to flat roofs</p>	SM	88		
i	<p>to skirtings; 150 mm wide; 45° slope</p>	LM	32		
	<p><u>Total Carried To Collection</u></p>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
a	<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</p> <p>walls</p>	SM	29	K. Shs.	
	<p><u>Total Carried To Collection</u></p>			K. Shs.	
	<p><u>COLLECTION</u></p>				
	<p>Brought forward from page 4/-35</p>				
	<p>" " " " 4/-36</p>				
	<p>" " " " 4/37 above</p>				

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

Item	Description	Unit	Quantity	Rate	Amount
<u>Total for Roof Coverings - Carried to Staff House Summary</u>				K. Shs.	
<u>DOORS AND WINDOW OPENINGS</u>					
<u>CONCRETE WORK</u>					
<u>PRE-CAST CONCRETE</u>					
<u>Normal; class 25(15); vibrated</u>					
Lintels					
a	200 x 200 mm; reinforced for 12 mm diameter mild steel bars; 6 mm diameter links at 200 mm centre to centre	LM	16		
<u>Normal; Class 25(15); vibrated; part surface fair faced finished</u>					
Sills					
b	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	8		

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

Item	Description	Unit	Quantity	Rate	Amount
<u>Total for Door and Window Openings - Carried to Staff House Summary</u>				K. Shs.	
	<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	3		
	<u>REINFORCEMENTS</u>				
	Reference A142; weight 2.22 kg/sq.m				
b	in any location	SM	3		
	<u>SHUTTERING</u>				
	<u>GENERALLY</u>				
	Generally to				
c	worktops, vanity tops and the like	SM	3		
	Boxing through 75 mm slabs to form opening size				
d	500 x 500	No.	1		
	<u>FLOOR FINISHES</u>				
	<u>BACKGROUNDS</u>				

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

	<u>Mortar: cement and sand (1:4); internally</u>				
	To floors; screeded				
a	40 mm thick; to receive tiles	SM	45		
	<u>WALL FINISHES</u>				
	<u>BACKGROUNDS</u>				
	<u>Mortar: cement and sand (1:4); internally</u>				
	To walls; screeded				
f	15 mm thick; to receive tiles	SM	20		
g	15 mm thick; to receive skirting	SM	6		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>FINISHINGS</u>				
	<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				
a	28 mm thick with 20 x 12 mm recessed horizontal pointing as work proceeds	SM	69		
	<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				
b	to walls	SM	154		
	<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</u>				
	15 mm thick				
c	to ceilings	SM	64		
	<u>WORKTOPS, VANITY TOPS AND THE LIKE</u>				
	<u>BACKGROUNDS</u>				
	<u>To worktops, vanity tops and the like; screeded</u>				
e	20 mm thick; to receive tiles	SM	3		

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

<u>Total Carried To Collection</u>				K. Shs.	
<u>COLLECTION</u>					
Brought forward from page 4/-39					
" " " " 4/-40 above					
<u>Total for Wet Finishes - Carried to Staff House Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>APPLIED EXPOSED FINISHES</u>					
<u>FLOOR 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					
a	to floors	SM	45		
b	to skirting; 100 mm high	LM	57		
<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	20		
d	toilet roll holders; size 150 x 150 mm	No.	1		
<u>SUNDRIES</u>					
Accessories					
e	marine quality stainless steel corner strips; setting in tiles	LM	7		
<u>DECORATIONS</u>					

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

f	<p><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></p> <p>Rendered surfaces; externally on walls with recessed pointing</p>	SM	69		
g	<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	154		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>CEILING FINISHES</u>					
<u>DECORATIONS</u>					
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 (application to be in accordance with manufacturer's specification</u></p> <p>Plastered surfaces; on ceiling</p>	SM	64		
<u>WORKTOPS, VANITY TOPS AND THE LIKE</u>					
b	<p><u>Take delivery from employer's store on site; distribute; fix only</u></p> <p>Granite slabs; generally to worktops, vanity tops and the like</p>	SM	3		
<u>Total Carried To Collection</u>				K. Shs.	
<u>COLLECTION</u>					
Brought forward from page 4/-41					
" " " " 4/-42 above					

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

				K. Shs.	
<u>Total for Applied Exposed Finishes - Carried to Staff House Summary</u>					
Item	Description	Unit	Quantity	Rate	Amount
	<u>PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI</u> <u>PLOT No. 2146 MALINDI</u>				
	<u>STAFF HOUSE SUMMARY</u>				
	1.0 WORKS BELOW LOWEST SLAB FINISH		4/-32		
	2.0 REINFORCED CONCRETE FRAMES AND SLAB		4/-33		
	3.0 EXTERNAL WALLING AND INTERNAL PARTITIONS		4/-34		
	4.0 ROOF COVERINGS AND PARAPET WALLS		4/-37		
	5.0 DOORS AND WINDOW OPENINGS		4/-38		
	6.0 WET FINISHES		4/-40		
	7.0 APPLIED EXPOSED FINISHES		4/-42		

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

	<u>Total for Staff house - carried to Section No. 4 Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>GYM BUILDING</u>				
	<u>WORKS BELOW LOWEST SLAB FINISH</u>				
	<u>SITE WORKS</u>				
	<u>HARDCORE AND THE LIKE</u>				
	<u>Murram</u>				
	Filling in making up levels				
a	generally, depositing and compacting in layers, maximum 150 mm thick	CM	10		
	<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				
b	to hardcore beds and tops of foundation walls	SM	30		
	<u>PAVING AND SURFACING</u>				
	<u>Pre-cast concrete paving slabs; B.S . 368; to regular pattern; bedding, jointing and pointing in cement mortar (1:4)</u>				
	600 x 300 x 50 mm thick; pencil rounded edges; butt joints straight both ways on and including 50 mm sand bed; generally to				
c	splash aprons; to falls	SM	30		

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

<u>COLLECTION</u>				K. Shs.	
Brought forward from page 4/-45					
" " " " 4/-46 above					
<u>Total for Roof Coverings - Carried to Gym Building Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>DOORS AND WINDOW OPENINGS</u>					
<u>CONCRETE WORK</u>					
<u>PRE-CAST CONCRETE</u>					
<u>Normal; class 25(15); vibrated</u>					
Lintels					
a	200 x 200 mm; reinforced for 12 mm diameter mild steel bars; 6 mm diameter links at 200 mm centre to centre	LM	2		
<u>Normal; Class 25(15); vibrated; part surface fair faced finished</u>					
Sills					
b	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	16		
<u>FINISHES</u>					
<u>WINDOW OPENINGS</u>					
<u>Decorative plaster work in cement and sand (1;4); to Architect's Detail</u>					
Profiled plaster mouldings					
c	200 mm wide x 75 mm thick overall with 40 mm wide rebates to both edges; horizontal and vertical linings to windows	LM	55		
d	200 x 200 x 75 mm extreme; diamond shape rosette	No.	28		
e	100 x 75 x 75 mm quadrant moulding with 15 mm radius inset radius under sill detail	No.	22		

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

Item	Description	Unit	Quantity	Rate	Amount
<u>Total for Door and Window openings - Carried to Gym Building Summary</u>				K. Shs.	
	<u>WET FINISHES</u>				
	<u>FLOOR FINISHES</u>				
	<u>BACKGROUNDS</u>				
	Mortar: cement and sand (1:4); internally				
	To floors; screeded				
a	40 mm thick; to receive tiles	SM	104		
	<u>WALL FINISHES</u>				
	<u>BACKGROUNDS</u>				
	Mortar: cement and sand (1:4); internal				
	To walls; screeded				
b	15 mm thick; to receive tiles	SM	128		
c	15 mm thick; to receive skirting	SM	12		
	Mortar: cement and sand (1:4); external				
	To walls; screeded				
d	15 mm thick; to receive cladding	SM	125		
	<u>FINISHINGS</u>				
	Decorative plaster work in cement and sand (1:4); to Architect's Detail				
	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				
e	28 mm thick with 20 x 12 mm recessed horizontal pointing as work proceeds	SM	111		
	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				
f	to walls	SM	170		
	<u>CEILING FINISHES</u>				

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

	<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				
g	to ceilings; internally	SM	132		
	<u>Total for Wet Finishes - Carried to Gym Building Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>APPLIED EXPOSED FINISHES</u>				
	<u>FLOOR 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				
a	to floors	SM	62		
b	to skirting; 100 mm high	LM	124		
	<u>FACEWORK</u>				
	Local Coral Stones; Machine cut; squared medium chisel dressed one side; bedding and jointing in cement mortar (1:4); as work proceeds; applying one coat of silicon resin waterproofed solutions; external				
	Facing to walls; set to pattern				
c	300 x 150 x 20 mm thick; 7 No. wall ties per square metre; cut and pinned to concrete or block work backgrounds	SM	125		
	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				
d	to walls	SM	128		
e	toilet roll holders; size 150 x 150 mm	No.	1		
	<u>Studded rubber sheeting; matt finish; fixing with adhesive</u>				
	Generally				
f	to floors	SM	42		
	<u>SUNDRIES</u>				

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

	Accessories				
g	marine quality stainless steel corner strips; setting in tiles	LM	6		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>Mirrors; clear plate; SQ; Polished; silvered and primed on back with one coat aluminium primer, 6 mm plywood backing</u>				
	<u>6 mm fixing with 50 x 100 mm Mvule framing; pattern carving to exposed surfaces; 20 x 15 mm beading all round; wood surfaces sanded and two coats stain to approval</u>				
a	1000 mm long x 1500 mm high	No.	1		
b	2000 mm long x 1500 mm high	No.	1		
c	2500 mm long x 1500 mm high	No	2		
	<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				
d	walls with recessed pointing	SM	111		
	<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				
e	walls	SM	170		
	<u>CEILING FINISHES</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				
f	ceiling	SM	132		

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>PROVISIONAL SUM</u>				
	Allow a provisional sum of Kenya Shillings Five hundred thousand for the final finish to sauna and steam; sauna floors, walls and ceiling comprising 100 x 25 mm cider TnG on 50 x 50 mm battens; 2 No. TnG Timber benches; steam floor and walls to be ceramic tiles with concrete bench finished in tiles. (Note; to be measured on completion and priced in accordance with rates contained in this bills of quantities or prorate thereof)		Item		500,000.00
a	generally				
	Allow a provisional sum of Kenya shillings one hundred thousands only for the reception counter upon later Architect's Detail. (Note; to be measured on completion and priced in accordance with rates contained in this bills of quantities or prorate thereof)		Item		100,000.00
	generally				
	<u>LOOSE FURNITURE AND FITTINGS</u>				
	<u>STANDARD UNITS</u>				
	<u>Clothing lockers 'ASHUT' or equal and approved</u>				
	Placing in position				
	300 x 300 x 900 mm high	No.	24		
	<u>Total Carried To Collection</u>			K. Shs.	
	<u>COLLECTION</u>				
	Brought forward from page 4/-49				
	" " " " 4/-50				
	" " " " 4/-51 above				

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

	<u>Total for Applied Exposed Finishes - Carried to Gym Building 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>GYM BUILDING</u>		Page No.		
	<u>SUMMARY</u>				
	1.0 WORKS BELOW LOWEST SLAB FINISH		4/-44		
	4.0 ROOF COVERINGS AND PARAPET WALLS		4/-46		
	5.0 DOORS AND WINDOW OPENINGS		4/-47		
	6.0 WET FINISHES		4/-48		
	7.0 APPLIED EXPOSED FINISHES		4/-51		

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

				K. Shs.	
	<u>Total for Gym Building - Carried to Section No. 4 Summary</u>				
Item	Description	Unit	Quantity	Rate	Amount
	<u>WORKSHOP BLOCK</u>				
	<u>WORKS BELOW LOWEST SLAB FINISH</u>				
	<u>SITE WORKS</u>				
	<u>Disposal</u>				
	Excavated Material; left by previous Contractor				
a	backfilling into foundations; depositing and compacting in layers maximum 150 mm thick	CM	15		
	Surplus excavated material; left by previous Contractor				
b	removing from site	CM	15		
	<u>HARDCORE AND THE LIKE</u>				
	<u>Murram</u>				
	Filling in making up levels				
c	generally, depositing and compacting in layers, maximum 150 mm thick	CM	5		
	<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				
d	to hardcore beds and tops of foundation walls	SM	18		
	<u>PAVING AND SURFACING</u>				
	<u>Pre-cast concrete paving slabs; B.S . 368; to regular pattern; bedding, jointing and pointing in cement mortar (1:4)</u>				
	600 x 300 x 50 mm thick; pencil rounded edges; butt joints straight both ways on and including 50 mm sand bed; generally to				
e	splash aprons; to falls	SM	18		

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

<u>Total for Works below lowest slab finish - Carried to Workshop Summary</u>					K. Shs.
Item	Description	Unit	Quantity	Rate	Amount
<u>REINFORCED CONCRETE FRAMES AND SLAB</u>					
<u>CONCRETE WORK</u>					
<u>POURED CONCRETE</u>					
<u>Reinforced concrete</u>					
Normal; class 25(20); cement in grade 42.5 N; vibrated; in					
a	suspended slabs; 150 mm thick	CM	12		
b	beams	CM	3		
c	columns	CM	1		
<u>REINFORCEMENTS (PROVISIONAL)</u>					
<u>Bars: High yield steel; Cold worked; B.S 4461</u>					
In any location					
d	32mm -12 mm	KG	550		
e	8 mm	KG	1,370		
<u>SHUTTERING</u>					
<u>Generally</u>					
Generally to					
f	soffits of slab	SM	77		
g	sides and soffits of beams	SM	35		
h	sides of columns	SM	12		
i	edges; girth 150 to 225 mm wide	LM	36		
<u>SUNDRIES</u>					
Wall ties one end cast into concrete; other end built into joints of masonry					
j	25 x 450 mm	No.	96		

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

<u>Total for Reinforced Concrete Frames and Slab - Carried to Workshop Block 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	54		
<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	13		
<u>THERMAL AND MOISTURE PROTECTION</u>					
<u>DAMP PROOF COURSES</u>					
<u>B.S. 743; Type A; bitumen hessian based</u>					
	Horizontal				
c	200 mm wide	LM	36		

<u>Total for External and Internal Walls - Carried to Workshop Building 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>					
Normal; class25(15); vibrated; part surfaces fair faced finished					
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>					
Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)					
Parapet walls					
b	200 mm thick	SM	16		
<u>THERMAL AND MOISTURRE PROTECTION</u>					
<u>Notes</u>					
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.					
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.					
Preferred Roofing Sub-contractor for executing the following to the full satisfaction of the Architect.....					

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>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 surfaces	SM	77		
b	to vertical ; 300 mm high	SM	16		
c	cut chase and recement	LM	54		
d	outlets	No.	1		
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand(1:4); waterproofed; external</u>				
	To roofs; screeded				
d	75 mm thick; to receive water proofed membrane	SM	77		
e	35 mm thick; to receive quarry tiles	SM	77		
	Angle fillets				
f	150 x 150 mm	LM	36		
	<u>FINISHINGS</u>				
	<u>Render; cement and sand (1:4); wood floated; external</u>				
	15 mm thick				
g	to walls	SM	32		
	<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	77		
i	to skirtings; 150 mm wide; 45° slope	LM	36		

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>DECORATIONS</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				
	Plastered surfaces; externally; on				
a	walls	SM	32		
	<u>Total Carried To Collection</u>			K. Shs.	
	<u>COLLECTION</u>				
	Brought forward from page 4/-56				
	" " " " 4/-57				
	" " " " 4/58 above				
	<u>Total for Roof Coverings - Carried to Workshop Building Summary</u>			K. Shs.	

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

Item	Description	Unit	Quantity	Rate	Amount
<u>DOORS AND WINDOW OPENINGS</u>					
<u>CONCRETE WORK</u>					
<u>PRE-CAST CONCRETE</u>					
<u>Normal; class 25(15); vibrated</u>					
Lintels					
a	200 x 200 mm; reinforced for 12 mm diameter mild steel bars; 6 mm diameter links at 200 mm centre to centre	LM	15		
<u>Normal; Class 25(15); vibrated; part surface fair faced finished</u>					
Sills					
b	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	13		
<u>Total for Door and Window Openings - Carried to Workshop Building Summary</u>				K. Shs.	

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

Item	Description	Unit	Quantity	Rate	Amount
	<u>WET FINISHES</u>				
	<u>FLOOR FINISHES</u>				
	<u>FINISHINGS</u>				
	<u>Mortar; cement and sand (1:4); with integral hardener; steel trowelled; internal</u>				
	20 mm thick				
a	to skirtings; 100 mm high	LM	40		
b	50 mm thick				
	to floors	SM	47		
	<u>WALL FINISHES</u>				
	<u>FINISHINGS</u>				
	<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				
c	28 mm thick with 20 x 12 mm recessed horizontal pointing as work proceeds	SM	69		
	<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				
d	to walls	SM	80		
	<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</u>				
	15 mm thick				
f	to ceilings	SM	65		
	<u>Total for Wet Finishes - Carried to Workshop Building Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount

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

<u>APPLIED EXPOSED FINISHES</u>					
<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				
a	walls with recessed pointing	SM	69		
<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				
b	walls	SM	80		
<u>CEILING FINISHES</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				
c	ceiling	SM	65		
<u>Total for Applied Exposed Finishes - Carried to Workshop Building Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount

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

<u>PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI</u>					
<u>PLOT No. 2146 MALINDI</u>					
				Page	
				No.	
<u>WORKSHOP BUILDING</u>					
<u>SUMMARY</u>					
1.0 WORKS BELOW LOWEST SLAB FINISH				4/-53	
2.0 REINFORCED CONCRETE FRAMES AND SLAB				4/-54	
3.0 EXTERNAL WALLING AND INTERNAL PARTITIONS				4/-55	
4.0 ROOF COVERINGS AND PARAPET WALLS				4/-58	
5.0 DOORS AND WINDOW OPENINGS				4/-59	
6.0 WET FINISHES				4/-60	
7.0 APPLIED EXPOSED FINISHES				4/-61	
<u>Total for Workshop Building - Carried to Section No. 4 Summary</u>					K. Shs.
Item	Description	Unit	Quantity	Rate	Amount
	<u>GENERATOR HOUSE = SM 26</u>				

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

<u>WORKS BELOW LOWEST SLAB FINISH</u>						
<u>SITE WORKS</u>						
<u>EXCAVATION (PROVISIONAL)</u>						
<u>Excavating</u>						
	Oversite excavation to remove top soil					
a	150 mm average deep; deposit on site where directed by the Architect, not exceeding 50 metres from the limit of excavations	CM	5			
	Trenches to receive foundations starting from stripped level					
b	generally	CM	2			
	Pits to receive foundations; 10 No. starting from stripped level					
c	generally	CM	1			
	Extra over all kinds of excavations irrespective of depth for					
d	breaking up rock	CM	1			
	<u>Disposal</u>					
	Excavated Material; left by previous Contractor					
e	backfilling into foundations; depositing and compacting in layers maximum 150 mm thick	CM	7			
	Surplus excavated material; left by previous Contractor					
f	removing from site	CM	8			
	<u>Earth work support</u>					
	Sides of excavations					
g	generally		ITEM			
	<u>Disposal of water</u>					
	Keeping excavations free from					
h	all water including spring and running water		ITEM			
	<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount	
	<u>HARDCORE AND THE LIKE</u>					

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

	<u>Murram</u>				
	Filling in making up levels				
a	generally, depositing and compacting in layers, maximum 150 mm thick	CM	3		
	<u>Hardcore</u>				
	Filling in making up levels				
a	generally, depositing and compacting in layers, maximum 150 mm thick; including blinding with 50 mm thick quarry dust	CM	4		
	<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				
b	to hardcore beds and tops of foundation walls	SM	26		
	<u>PAVING AND SURFACING</u>				
	<u>Pre-cast concrete paving slabs; B.S . 368; to regular pattern; bedding, jointing and pointing in cement mortar (1:4)</u>				
	600 x 300 x 50 mm thick; pencil rounded edges; butt joints straight both ways on and including 50 mm sand bed; generally to				
c	splash aprons; to falls	SM	15		
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE (PROVISIONAL)</u>				
	<u>Plain</u>				
	Mass concrete mix 1:4:8-20				
d	blinding; 50 mm thick	CM	1		
	Mass concrete class 15(20); in				
e	strip footings	CM	2		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>Reinforced concrete</u>				
	Normal; class 25(20); in cement grade 42.5 N; vibrated; in				

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

a	beds; 125 mm thick	CM	7		
b	foundations	CM	2		
c	columns; below floor slab level	CM	1		
d	ground beams	CM	1		
<u>REINFORCEMENTS (PROVISIONAL)</u>					
<u>Bars: High yield steel; Cold worked; B.S 4461</u>					
In any location					
e	32mm -12 mm	KG	250		
f	8 mm	KG	125		
<u>Fabric: B.S 4483</u>					
Reference A142; weight 2.22 kg/sq.m					
g	in any location	SM	26		
<u>SHUTTERING</u>					
<u>Generally</u>					
Generally to					
h	sides of columns	SM	2		
i	sides of ground beams	SM	10		
j	edges; 75 to 150 mm wide	LM	22		
<u>SUNDRIES</u>					
Wall ties one end cast into concrete; other end built into joints of masonry					
k	25 x 450 mm	No.	21		
<u>Total Carried To Collection</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>MASONRY</u>					
<u>FOUNDATION WALLS (PROVISIONAL)</u>					

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

a	<p>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</p> <p>Walls</p> <p align="center">200 mm thick</p> <p><u>THERMAL AND MOISTURE PROTECTION</u></p> <p><u>DAMP PROOF MEMBRANES (PROVISIONAL)</u></p> <p>Polythene; 500 gauge; 150 mm laps</p> <p>Horizontally</p>	SM	15		
b	<p>generally</p> <p><u>Total Carried To Collection</u></p> <p><u>COLLECTION</u></p> <p>Brought forward from page 4/-63</p> <p>" " " " 4/-64</p> <p>" " " " 4/-65</p> <p>" " " " 4/-66 above</p> <p><u>Total for Works below lowest slab finish - Carried to Generator Room Summary</u></p>	SM	26	K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<p><u>REINFORCED CONCRETE FRAMES AND SLAB</u></p> <p><u>CONCRETE WORK</u></p> <p><u>POURED CONCRETE</u></p>				

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

	<u>Reinforced concrete</u>				
	Normal; class 25(20); in cement grade 42.5 N; vibrated; in				
a	suspended slabs; 150 mm thick	CM	5		
b	beams	CM	3		
c	columns	CM	1		
	<u>REINFORCEMENTS (PROVISIONAL)</u>				
	<u>Bars; High yield steel; Cold worked; B.S 4461</u>				
	In any location				
d	32mm -12 mm	KG	750		
e	8 mm	KG	500		
	<u>SHUTTERING</u>				
	<u>Generally</u>				
	Generally to				
f	soffits of slab	SM	33		
g	sides and soffits of beams	SM	23		
h	sides of columns	SM	10		
i	edges; 75 to 150 mm wide	LM	28		
	<u>SUNDRIES</u>				
	Wall ties one end cast into concrete; other end built into joints of masonry				
j	25 x 450 mm	No.	76		
	<u>Total for Reinforced Concrete Frames and Slabs - Carried to Generator Room Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>EXTERNAL WALLING AND INTERNAL PARTITIONS</u>				
	<u>MASONRY</u>				
	<u>EXTERNAL WALLING</u>				

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

a	<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u> Walls 200 mm thick	SM	24		
<u>INTERNAL PARTITIONS</u>					
b	<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u> Walls 200 mm thick	SM	6		
c	<u>Approved louvered and permanent vents; bedding and jointing in cement mortar (1:4)</u> Walls 200 mm thick	SM	14		
<u>THERMAL AND MOISTURE PROTECTION</u>					
<u>DAMP PROOF COURSES</u>					
d	<u>B.S 743; Type A; bitumen hessian based</u> Horizontal 200 mm wide	LM	24		
<u>Total for External and Internal Walls - Carried to Generator Room 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>					

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

a	<p>Copings</p> <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	22		
<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>					
b	<p>Parapet walls</p> <p>200 mm thick</p>	SM	11		
<u>THERMAL AND MOISTURRE PROTECTION</u>					
<u>Notes</u>					
<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
	<p><u>COVERING AND LININGS</u></p> <p><u>Priming screeded surfaces with one of Ruberoid bitumen solvent primer;</u> <u>Rubertorch SBS Polyester reinforced membrane roofing felt, glass fibre based</u> <u>275 GSM weighing 50 kilograms per ten square metre; 4.5 mm nominal thickness,</u> <u>mineral surface finish; torched onto primed surfaces with propane gas;</u> <u>100 mm laps; as recommended by the manufacturer.</u></p>				

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

	Two coat work; to concrete, masonry or screeded base; generally				
a	to flat surfaces	SM	33		
b	to vertical ; 300 mm high	SM	8		
c	cut chase and recement	LM	28		
d	outlets	No.	1		
	<u>BACKGROUNDS</u>				
	<u>Mortar; cement and sand(1:4); waterproofed; external</u>				
	To roofs; screeded				
d	50 mm thick; to receive water proofed membrane	SM	33		
e	35 mm thick; to receive quarry tiles	SM	33		
	Angle fillets				
f	150 x 150 mm	LM	28		
	<u>FINISHINGS</u>				
	<u>Render; cement and sand (1:4); wood floated; external</u>				
	15 mm thick				
g	to walls	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				
h	to flat roofs	SM	33		
i	to skirtings; 150 mm wide; 45° slope	LM	28		
	<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	12		

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

<p><u>Total Carried To Collection</u></p> <p><u>COLLECTION</u></p> <p>Brought forward from page 4/-69</p> <p>" " " " 4/-70</p> <p>" " " " 4/71 above</p> <p><u>Total for Roof Coverings - Carried to Generator Room Summary</u></p>			<p>K. Shs.</p>		
<p>Item</p>	<p>Description</p>	<p>Unit</p>	<p>Quantity</p>	<p>Rate</p>	<p>Amount</p>
<p><u>DOORS AND WINDOW OPENINGS</u></p> <p><u>CONCRETE WORK</u></p> <p><u>PRE-CAST CONCRETE</u></p> <p><u>Normal; class 25(15); vibrated</u></p> <p>Lintels</p>					

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

a	200 x 200 mm; reinforced for 12 mm diameter mild steel bars; 6 mm diameter links at 200 mm centre to centre <u>Normal; Class 25(15); vibrated; part surface fair faced finished</u> Sills	LM	3		
b	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	2		
<u>Total for Door and Window Openings - Carried to Generator Room Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
a	<u>WET FINISHES</u> <u>FLOOR FINISHES</u> <u>FINISHINGS</u> <u>Mortar; cement and sand (1:4); with integral hardener; steel trowelled; internal</u> 20 mm thick to skirtings; 100 mm high	LM	20		

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

b	50 mm thick to floors	SM	20		
	<u>WALL FINISHES</u> <u>FINISHINGS</u> <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				
c	28 mm thick with 20 x 12 mm recessed horizontal pointing as work proceeds	SM	24		
	<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>				
d	15 mm thick to walls	SM	36		
	<u>CEILING FINISHES</u> <u>FINISHINGS</u>				
e	15 mm thick to ceilings	SM	33		
	<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</u>				
	<u>Total for Wet Finishes - Carried to Generator Room Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
a	<u>APPLIED EXPOSED FINISHES</u> <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 with recessed pointing	SM	24		

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

	<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>b 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> <p>c ceiling</p>	SM	36		
	<p><u>Total for Applied Exposed Finishes - Carried to Generator Room Summary</u></p>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<p><u>PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI</u> <u>PLOT No. 2146 MALINDI</u></p> <p><u>GENERATOR ROOM</u></p> <p><u>SUMMARY</u></p> <p>1.0 WORKS BELOW LOWEST SLAB FINISH</p> <p>2.0 REINFORCED CONCRETE FRAMES AND SLAB</p>		<p>Page No.</p> <p>4/-66</p> <p>4/-67</p>		

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

	3.0 EXTERNAL WALLING AND INTERNAL PARTITIONS		4/-68		
	4.0 ROOF COVERINGS AND PARAPET WALLS		4/-71		
	5.0 DOORS AND WINDOW OPENINGS		4/-72		
	6.0 WET FINISHES		4/-73		
	7.0 APPLIED EXPOSED FINISHES		4/-74		
	<u>Total for Generator House - Carried to Section No. 4 Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>GUARD HOUSE = SM 4</u>				
	<u>WORKS BELOW LOWEST SLAB FINISH</u>				
	<u>SITE WORKS</u>				
	<u>EXCAVATION (PROVISIONAL)</u>				
	Excavating				
	Oversite excavation to remove top soil				
a	150 mm average deep; deposit on site where directed by the Architect, not exceeding 50 metres from the limit of excavations	CM	1		

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

	Trenches to receive foundations starting from stripped level				
b	generally	CM	5		
	Pits to receive foundations; 4 No. starting from stripped level				
c	generally	CM	3		
	Extra over all kinds of excavations irrespective of depth for				
d	breaking up rock	CM	2		
	<u>Disposal</u>				
	Excavated Material				
e	backfilling into foundations; depositing and compacting in layers maximum 150 mm thick	CM	4		
	Surplus excavated material				
f	removing from site	CM	4		
	<u>Earth work support</u>				
	Sides of excavations				
g	generally		ITEM		
	<u>Disposal of water</u>				
	Keeping excavations free from				
h	all water including spring and running water		ITEM		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>HARDCORE AND THE LIKE</u>				
	<u>Murram</u>				
	Filling in making up levels				
a	generally, depositing and compacting in layers, maximum 150 mm thick	CM	1		
	<u>Hardcore</u>				
	Filling in making up levels				
a	generally, depositing and compacting in layers, maximum 150 mm thick; including blinding with 50 mm thick quarry dust	CM	1		

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

	<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				
b	to hardcore beds and tops of foundation walls	SM	4		
	<u>PAVING AND SURFACING</u>				
	<u>Pre-cast concrete paving slabs; B.S . 368; to regular pattern; bedding, jointing and pointing in cement mortar (1:4)</u>				
	600 x 300 x 50 mm thick; pencil rounded edges; butt joints straight both ways on and including 50 mm sand bed; generally to				
c	splash aprons; to falls	SM	5		
	<u>CONCRETE WORK</u>				
	<u>POURED CONCRETE (PROVISIONAL)</u>				
	<u>Plain</u>				
	Mass concrete mix 1:4:8-20				
d	blinding; 50 mm thick	CM	1		
	Mass concrete class 15(20): in				
e	strip footings	CM	1		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>Reinforced concrete</u>				
	Normal; class 25(20); in cement grade 42.5 N; vibrated; in				
a	beds; 125 mm thick	CM	1		
b	foundations	CM	1		
c	columns; below floor slab level	CM	1		
d	ground beams	CM	1		
	<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	200		
f	8 mm	KG	100		
	<u>Fabric; B.S 4483</u>				
	Reference A142; weight 2.22 kg/sq.m				
g	in any location	SM	4		
	<u>SHUTTERING</u>				
	<u>Generally</u>				
	Generally to				
h	sides of columns	SM	4		
i	sides of ground beams	SM	4		
j	edges; 75 to 150 mm wide	LM	7		
	<u>SUNDRIES</u>				
	Wall ties one end cast into concrete; other end built into joints of masonry				
k	25 x 450 mm	No.	32		
	<u>Total Carried To Collection</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<u>MASONRY</u>				
	<u>FOUNDATION WALLS (PROVISIONAL)</u>				
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Walls				
a	200 mm thick	SM	6		
	<u>THERMAL AND MOISTURE PROTECTION</u>				
	<u>DAMP PROOF MEMBRANES (PROVISIONAL)</u>				
	<u>Polythene; 500 gauge; 150 mm laps</u>				

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

b	Horizontally generally	SM	3		
<u>Total Carried To Collection</u>				K. Shs.	
<u>COLLECTION</u>					
Brought forward from page 4/-76					
	" " " " 4/-77				
	" " " " 4/-78				
	" " " " 4/-79 above				
<u>Total for Works below lowest slab finish - Carried to Guard House Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<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	beams	CM	1		
c	columns	CM	1		
<u>REINFORCEMENTS (PROVISIONAL)</u>					

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

	<u>Bars: High yield steel; Cold worked; B.S 4461</u>				
	In any location				
d	32mm -12 mm	KG	250		
e	8 mm	KG	150		
	<u>SHUTTERING</u>				
	<u>Generally</u>				
	Generally to				
f	soffits of slab	SM	10		
g	sides and soffits of beams	SM	8		
h	sides of columns	SM	8		
i	edges; 75 to 150 mm wide	LM	13		
	<u>SUNDRIES</u>				
	Wall ties one end cast into concrete; other end built into joints of masonry				
j	25 x 450 mm	No.	64		
	<u>Total for Reinforced Concrete Frames and Slab - Carried to Guard House 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	14		
	<u>THERMAL AND MOISTURE PROTECTION</u>				
	<u>DAMP PROOF COURSES</u>				
	<u>B.S 743; Type A; bitumen hessian based</u>				

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

b	Horizontal 200 mm wide	LM	7		
<u>Total for External and Internal Walls - Carried to Guard House Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
a	<p><u>ROOF COVERINGS AND PARAPET WALLS</u></p> <p><u>CONCRETE WORK</u></p> <p><u>PRE-CAST CONCRETE</u></p> <p><u>Normal; class25(15); vibrated; part surfaces fair faced finished</u></p> <p>Copings</p> <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> <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>	LM	7		

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

<p>b</p>	<p>Parapet walls 200 mm thick</p> <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>SM</p>	<p>3</p>		
<p><u>Total Carried To Collection</u></p>					<p align="center">K. Shs.</p>
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;</u></p>					
<p><u>Rubertorch SBS Polyester reinforced membrane roofing felt, glass fibre based</u></p>					
<p><u>275 GSM weighing 50 kilograms per ten square metre; 4.5 mm nominal thickness,</u></p>					
<p><u>mineral surface finish; torched onto primed surfaces with propane gas;</u></p>					
<p><u>100 mm laps; as recommended by the manufacturer.</u></p>					
<p>Two coat work; to concrete, masonry or screeded base; generally</p>					
a	to flat surfaces	SM	10		
b	to vertical ; 300 mm high	SM	6		
c	cut chase and recement	LM	20		
d	outlets	No.	1		
<p><u>BACKGROUNDS</u></p>					
<p><u>Mortar: cement and sand(1:4); waterproofed; external</u></p>					

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

	To roofs; screeded				
d	50 mm thick; to receive water proofed membrane	SM	10		
e	25 mm thick; to receive quarry tiles	SM	10		
	Angle fillets				
f	150 x 150 mm	LM	13		
	<u>FINISHINGS</u>				
	<u>Render; cement and sand (1:4); wood floated; external</u>				
	15 mm thick				
g	to walls	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				
h	to flat roofs	SM	10		
i	to skirtings; 150 mm wide; 45° slope	LM	13		
	<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	12		
	<u>Total Carried To Collection</u>			K. Shs.	
	<u>COLLECTION</u>				
	Brought forward from page 4/-82				
	" " " " 4/-83				

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

	" " " " 4/84 above				
	<u>Total for Roof Coverings - Carried to Guard House Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<p><u>DOORS AND WINDOW OPENINGS</u></p> <p><u>CONCRETE WORK</u></p> <p><u>PRE-CAST CONCRETE</u></p> <p><u>Normal; class 25(15); vibrated</u></p> <p>Lintels</p> <p>a 200 x 200 mm; reinforced for 12 mm diameter mild steel bars; 6 mm diameter links at 200 mm centre to centre</p> <p><u>Normal; Class 25(15); vibrated; part surface fair faced finished</u></p> <p>Sills</p> <p>b 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)</p>	LM	2		

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

Item	Description	Unit	Quantity	Rate	Amount
<u>Total for Door and Window openings - Carried to Guard House Summary</u>				K. Shs.	
	<u>WET FINISHES</u>				
	<u>FLOOR FINISHES</u>				
	<u>Mortar; cement and sand (1:4); with integral hardener; steel trowelled; internal</u>				
	20 mm thick				
a	to skirtings; 100 mm high	LM	8		
	50 mm thick				
b	to floors	SM	3		
	<u>WALL FINISHES</u>				
	<u>FINISHINGS</u>				
	<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				
b	28 mm thick with 20 x 12 mm recessed horizontal pointing as work proceeds	SM	19		

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

c	<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 walls	SM	19		
<u>CEILING FINISHES</u>					
<u>FINISHINGS</u>					
d	<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</u> 15 mm thick to ceilings	SM	11		
<u>Total for Wet Finishes - Carried to Guard House Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
<u>APPLIED EXPOSED FINISHES</u>					
<u>WALL FINISHES</u>					
<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>					
a	Rendered surfaces; externally on walls with recessed pointing	SM	19		
<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>					
b	Plastered surfaces; internally on walls	SM	19		
<u>CEILING FINISHES</u>					
<u>DECORATIONS</u>					

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

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 (application to be in accordance with manufacturer's specification</u></p> <p>Plastered surfaces; internally on</p> <p>Plastered surfaces; internally on</p> <p align="center">ceiling</p>	SM	11		
<u>Total for Applied Exposed Finishes - Carried to Guard House Summary</u>				K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<p><u>PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI</u> <u>PLOT No. 2146 MALINDI</u></p> <p><u>GUARD HOUSE</u></p> <p><u>SUMMARY</u></p> <p>1.0 WORKS BELOW LOWEST SLAB FINISH</p> <p>2.0 REINFORCED CONCRETE FRAMES AND SLAB</p> <p>3.0 EXTERNAL WALLING AND INTERNAL PARTITIONS</p> <p>4.0 ROOF COVERINGS AND PARAPET WALLS</p> <p>5.0 DOORS AND WINDOW OPENINGS</p> <p>6.0 WET FINISHES</p>		<p>Page No.</p> <p>4/-79</p> <p>4/-80</p> <p>4/-81</p> <p>4/-84</p> <p>4/-85</p> <p>4/-86</p>		

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

	7.0 APPLIED EXPOSED FINISHES		4/-87		
	<u>Total for Guard House - Carried to Section No. 4 Summary</u>			K. Shs.	
Item	Description	Unit	Quantity	Rate	Amount
	<p><u>PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI</u> <u>PLOT No. 2146 MALINDI</u></p> <p><u>SECTION No. 4</u></p> <p><u>MAIN SUMMARY</u></p> <p>1.0 SECURITY BUILDING</p> <p>2.0 STAFF CHANGING BLOCK</p> <p>3.0 STAFF HOUSE - 1 No.</p> <p>4.0 GYM BUILDING</p> <p>5.0 WORKSHOP BUILDING</p> <p>6.0 GENERATOR ROOM</p>		<p>Page No.</p> <p>4/-14</p> <p>4/-28</p> <p>4/-43</p> <p>4/-52</p> <p>4/-62</p> <p>4/-75</p>		

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

7.0 GUARD HUT			4/-88		
<u>Total for Section No. 4 - Carried to Main Summary</u>				K. Shs.	