

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

<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b><u>EXTERNAL WORKS</u></b>				
	<b><u>DEMOLITION AND ALTERATIONS</u></b>				
	<b><u>EXTERNALLY</u></b>				
	Pulling down to ground level; removing debris from Site				
a	200 mm thick masonry wall finished both sides with plaster and paint; net total area 158 square metres		Item		
	Removing existing fixed items; prior to demolition, storing in site for Employer				
b	mild steel gate; size 4000 x 2100 mm; 1 No.		Item		
	<b><u>Total for Site works - Carried to External Works Section No. 5 Summary</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>

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

	<b><u>BOUNDARY WALL</u></b>				
	<b><u>SITE WORKS</u></b>				
	<b><u>EXCAVATION (PROVISIONAL)</u></b>				
	<b><u>Excavating</u></b>				
	Trenches to receive foundations				
a	generally	CM	127		
	Pits to receive foundations; 60 No.				
b	generally	CM	78		
	Extra over all kinds of excavations irrespective of depth for				
c	breaking up rock	CM	62		
	<b><u>Disposal</u></b>				
	Excavated Material				
d	backfilling into foundations; depositing and compacting in layers maximum 150 mm thick	CM	118		
	Surplus excavated material				
e	removing from site	CM	87		
	<b><u>Earth work support</u></b>				
	Sides of excavations				
f	generally		ITEM		
	<b><u>Disposal of water</u></b>				
	Keeping excavations free from				
g	all water including spring and running water		ITEM		
	<b><u>Total Carried To Collection</u></b>				
				<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>

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

<b><u>CONCRETE WORK</u></b>					
<b><u>POURED CONCRETE (PROVISIONAL)</u></b>					
<u>Plain</u>					
a	Mass concrete mix 1:4:8-20 blinding; 50 mm thick	CM	7		
b	Mass concrete class 15(20); in strip footings	CM	12		
<u>Reinforced concrete</u>					
c	Normal; class 25(20); vibrated; in foundations	CM	35		
d	columns	CM	15		
<b><u>REINFORCEMENTS (PROVISIONAL)</u></b>					
<u>Bars; High yield steel; Cold worked; B.S 4461</u>					
<u>In any location</u>					
e	32mm -12 mm	KG	2,500		
f	10 mm	KG	750		
g	8 mm	KG	1,500		
<b><u>SHUTTERING</u></b>					
<u>Generally</u>					
<u>Generally to</u>					
h	sides of columns	SM	227		
<b><u>SUNDRIES</u></b>					
<u>Wall ties one end cast into concrete; other end built into joints of masonry</u>					
i	25 x 450 mm	No.	1,145		
<b><u>Total Carried To Collection</u></b>				<b>K. Shs.</b>	
Item	Description	Unit	Quantity	Rate	Amount
<b><u>PRE-CAST CONCRETE</u></b>					

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

	Normal; class 25(20); vibrated; part surface fair faced finished				
	Pier caps				
a	740 x 740 x 165 mm extreme thick; pyramidal top; four times weathered, throated as necessary; reinforced as necessary for handling; bedding, jointing and pointing in cement mortar (1:4)	No.	60		
	Copings				
b	450 x 75 mm extreme thick; once weathered, twice throated; reinforced as necessary for handling; surface finish 600 mm girth, bedding, jointing and pointing in cement mortar (1:4)	LM	176		
	<b><u>MASONRY</u></b>				
	<b><u>EXTERNAL WALLING</u></b>				
	<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>				
	Walls				
c	200 mm thick	SM	537		
	<b><u>FINISHES</u></b>				
	<b><u>BACKGROUNDS</u></b>				
	<u>Mortar; Cement and sand(1:4); external</u>				
	To walls, screeded				
d	15 mm thick; to receive stone cladding	SM	158		
	<b><u>FINISHINGS</u></b>				
	<u>Render; cement and sand (1:4) wood floated</u>				
	15 mm thick				
e	to walls	SM	158		
	<b><u>Total Carried To Collection</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<u>Decorative plaster work in cement and sand (1:4); to Architect's Detail</u>				

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

a	Double plaster finish to walls 28 mm thick with 20 x 12 mm recessed horizontal pointing as work proceeds	SM	422		
	<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				
b	Facing to walls; set to pattern 300 x 150 x 20 mm thick; 7 No. wall ties per square metre; cut and pinned to concrete or block work backgrounds	SM	158		
	<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				
c	Plastered surfaces; on walls	SM	158		
d	walls with recessed pointing	SM	422		
	<b><u>Carried to collection</u></b>			<b>K. Shs.</b>	
	<b><u>COLLECTION</u></b>				
	Brought forward from page 5/-2				
	" " " " 5/-3				
	" " " " 5/-4				
	" " " " 5/-5 above				
	<b><u>Total for Boundary Wall - Carried to External Works Section No. 5 Summary</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<u>GATE COLUMNS = 4 No.</u>				
	<u>SITE WORKS</u>				

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

	<b><u>EXCAVATION (PROVISIONAL)</u></b>				
	<u>Excavating</u>				
	Pits to receive foundations; 4 No.				
a	generally	CM	4		
	Extra over all kinds of excavations irrespective of depth for				
b	breaking up rock	CM	1		
	<u>Disposal</u>				
	Excavated Material				
c	backfilling into foundations; depositing and compacting in layers maximum 150 mm thick	CM	3		
	Surplus excavated material				
d	removing from site	CM	1		
	<u>Earth work support</u>				
	Sides of excavations				
e	generally		ITEM		
	<u>Disposal of water</u>				
	Keeping excavations free from				
f	all water including spring and running water		ITEM		
	<b><u>Total Carried To Collection</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b><u>CONCRETE WORK</u></b>				
	<u>POURED CONCRETE (PROVISIONAL)</u>				

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

	<u>Plain</u>				
	Mass concrete mix 1:4:8-20				
a	blinding; 50 mm thick	CM	3		
	<u>Reinforced concrete</u>				
	Normal; class 25(20); vibrated; in				
b	foundations	CM	1		
c	columns	CM	1		
	<b><u>REINFORCEMENTS (PROVISIONAL)</u></b>				
	<u>Bars; High yield steel; Cold worked; B.S 4461</u>				
	In any location				
d	32mm -12 mm	KG	125		
e	10 mm	KG	20		
f	8 mm	KG	75		
	<b><u>SHUTTERING</u></b>				
	<u>Generally</u>				
	Generally to				
g	sides of columns	SM	7		
	<b><u>Total Carried To Collection</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<u>PRE-CAST CONCRETE</u>				
	<u>Normal; class 25(20); vibrated; part surface fair faced finished</u>				
	Pier caps				

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

a	650 x 650 x 125 mm extreme thick; pyramidal top; four times weathered, throated as necessary; reinforced as necessary for handling; bedding, jointing and pointing in cement mortar (1:4)	No.	4		
	<b><u>METAL WORKS</u></b>				
	<b><u>NON-STRUCTURAL STEEL WORK</u></b>				
	<b><u>Mild steel K.S 02-08</u></b>				
	Columns guards				
b	40 x 40 x 3 mm angle section; 800 mm long with and including 12mm diameter x 200 mm long overall lugs; one bent; one end fillet welded to angle section; at 300 mm centres, one end fanged and set in mortise in concrete running with cement mortar (1:4); all welding ground to smooth finish; all exposed metal surfaces finished with one coat zinc phosphate primer and three coats 'Hammerite' paint	No.	8		
	<b><u>FINISHES</u></b>				
	<b><u>FINISHINGS</u></b>				
	Render; cement and sand (1:4) wood floated; externally				
	20 mm thick				
c	to walls	SM	5		
	<b><u>DECORATIONS</u></b>				
	<b><u>Wall master' special effect application; exterior quality finish; to Architects approval</u></b>				
d	Plastered surfaces; externally; on walls	SM	5		
	<b><u>Carried to collection</u></b>			<b>K. Shs.</b>	
	<b><u>COLLECTION</u></b>				
	Brought forward from page 5/-6				
	" " " " 5/-7				
	" " " " 5/-8 above				
	<b><u>Total for Gate Columns - Carried to External Works Section No. 5 Summary</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b><u>DRIVE WAY AND PARKING AREAS</u></b>				
	<b><u>SITE WORK</u></b>				
	<b><u>EXCAVATION (PROVISIONAL)</u></b>				



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

	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	301		
	Cutting to remove unsuitable materials below formation level including hauling and remove materials from site				
b	generally	CM	201		
	<u>Sub-grade</u>				
	Surface treatment				
c	grade and compact base to (100%MDD (ASSHTO T99)	SM	2,000		
	<u>HARDCORE AND THE LIKE</u>				
	<u>Murram</u>				
	Filling in making up levels				
d	generally, depositing and compacting in layers, maximum 150 mm thick	CM	301		
	<u>Hardcore</u>				
	Filling in making up levels				
e	generally, depositing and compacting in layers, maximum 150 mm thick; including blinding with 50 mm thick quarry dust	CM	602		
	<u>PAVING AND SURFACING</u>				
	<u>Concrete interlocking blocks; home front category; 35N/mm<sup>2</sup>; to Architect's approval; on and including 50 mm thick compacted sand bed; compacted with approved vibrator; filling joints with sand</u>				
f	45 mm thick; butt joints; herring bone pattern; to blinded base; generally to driveway and parking; to falls, cross falls or sloping	SM	2,000		
	<b><u>Total carried to collection</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<u>PRE-CAST CONCRETE</u>				
	Kerbs; sprayed; B.S.340; bedding, jointing and pointing in cement sand mortar (1:4) including all necessary excavations, disposal and shuttering				
a	125 x 250 mm kerb and 125 x 100 mm channel block; haunching one				



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	<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	14		
	Trenches to receive foundations starting from stripped level				
b	generally	CM	48		
	Pits to receive foundations; 103 No. starting from stripped level				
c	generally	CM	9		
	Extra over all kinds of excavations irrespective of depth for				
d	breaking up rock	CM	17		
	<u>Disposal</u>				
	Excavated Material				
e	backfilling into foundations; depositing and compacting in layers maximum 150 mm thick	CM	30		
	Surplus excavated material				
f	removing from site	CM	27		
	<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		
	<b><u>Total Carried To Collection</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b><u>HARDCORE AND THE LIKE</u></b>				
	<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		

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	<b><u>ANTI-TERMITE TREATMENT</u></b>				
	Gladiator 4TC: 1% solution or other equal and approved				
	At the rate of 7 litres per square metre				
b	to hardcore beds and tops of foundation walls	SM	99		
	<b><u>CONCRETE WORK</u></b>				
	<b><u>POURED CONCRETE (PROVISIONAL)</u></b>				
	<u>Plain</u>				
	Mass concrete mix 1:4:8-20				
c	blinding; 50 mm thick	CM	2		
	Mass concrete class 15(20): in				
d	strip footings	CM	6		
	<u>Reinforced concrete</u>				
	Normal; class 25(20); vibrated; in				
e	beds; 125 mm thick	CM	13		
f	foundations	CM	5		
g	columns; below floor slab level	CM	1		
h	ground beams	CM	2		
	<b><u>REINFORCEMENTS (PROVISIONAL)</u></b>				
	<u>Bars; High yield steel; Cold worked; B.S 4461</u>				
	In any location				
i	32mm -12 mm	KG	500		
j	8 mm	KG	400		
	<b><u>Total Carried to Collection</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<u>Fabric; B.S 4483</u>				
	Reference A142; weight 2.22 kg/sq.m				
a	in any location	SM	99		
	<b><u>SHUTTERING</u></b>				
	<u>Generally</u>				

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

	Generally to				
b	sides of columns	SM	22		
c	edges; 75 to 150 mm wide	LM	66		
	<b><u>SUNDRIES</u></b>				
	Wall ties one end cast into concrete; other end built into joints of masonry				
d	25 x 450 mm	No.	144		
	<b><u>MASONRY</u></b>				
	FOUNDATION WALLS (PROVISIONAL)				
	<u>Concrete blocks; B.S 2028; Type A; 3.5 N per square millimetre solid; in cement mortar (1:4)</u>				
	Walls				
e	150 mm thick	SM	55		
	<b><u>THERMAL AND MOISTURE PROTECTION</u></b>				
	<b><u>DAMP PROOF MEMBRANES (PROVISIONAL)</u></b>				
	<u>Polythene; 500 gauge; 150 mm laps</u>				
	Horizontally				
f	generally	SM	99		
	<b><u>Total Carried to Collection</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b><u>REINFORCED CONCRETE FRAMES AND SLAB</u></b>				
	<b><u>CONCRETE WORK</u></b>				
	<u>POURED CONCRETE</u>				
	<u>Reinforced concrete</u>				
	Normal; class 25(20); vibrated; in				
a	suspended slabs; 150 mm thick	CM	17		

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

b	beams	CM	5		
c	columns	CM	3		
<b><u>REINFORCEMENTS (PROVISIONAL)</u></b>					
<u>Bars; High yield steel; Cold worked; B.S 4461</u>					
In any location					
d	32mm -12 mm	KG	1,600		
e	8 mm	KG	1,200		
<b><u>SHUTTERING</u></b>					
<u>Generally</u>					
Generally to					
f	soffits of slab	SM	104		
g	sides and soffits of beams	SM	68		
h	sides of columns	SM	63		
i	edges; girth 150 to 225 mm wide	LM	67		
<b><u>EXTERNAL WALLING AND INTERNAL PARTITIONS</u></b>					
<b><u>MASONRY</u></b>					
<b><u>EXTERNAL WALLING</u></b>					
<u>Approved local stones; coral blocks; machine cut; bedding and jointing in cement mortar (1:4)</u>					
Walls					
j	200 mm thick	SM	35		
<b><u>Total Carried to Collection</u></b>				<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
<b><u>ROOF COVERINGS AND PARAPET WALLS</u></b>					
<b><u>THERMAL AND MOISTURE PROTECTION</u></b>					
<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					



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

	<b><u>FINISHINGS</u></b>				
	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				
	15 mm thick				
b	to ceilings	SM	104		
	<b><u>DECORATIONS</u></b>				
	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; on				
c	walls	SM	63		
	<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				
d	ceiling	SM	104		
	<b><u>Total Carried to Collection</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b><u>COVERED WALKWAY</u></b>				
	<b><u>COLLECTION</u></b>				
	Brought forward from page 5/-11				
"	" " " " 5/-12				
"	" " " " 5/-13				



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

	" " " " 5/-14				
	" " " " 5/-15				
	" " " " 5/-16				
<b>Total for Covered Walkways - Carried to External Works Section No. 5 Summary</b>				<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<u>UNDERGROUND WATER TANK = 54,000 litres capacity</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	7		
	underground water storage tanks; starting from reduced level				

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

b	generally	CM	105		
	Extra over all kinds of excavations irrespective of depth for				
c	breaking up rock	CM	26		
	<u>Disposal</u>				
	Excavated Material				
d	backfilling into foundations; depositing and compacting in layers maximum 150 mm thick	CM	25		
	Surplus excavated material				
e	removing from site	CM	80		
	<u>Earth work support</u>				
	Sides of excavations				
f	generally		ITEM		
	<u>Disposal of water</u>				
	Keeping excavations free from				
g	all water including spring and running water		ITEM		
	<b><u>Total Carried To Collection</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<u>HARDCORE AND THE LIKE</u>				
	<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	9		
	<b><u>CONCRETE WORK</u></b>				
	<b><u>POURED CONCRETE (PROVISIONAL)</u></b>				
	<u>Reinforced concrete</u>				

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	Normal; class 25(20); vibrated; in				
b	beds; 200 mm thick	CM	8		
c	suspended slabs; 150 mm thick	CM	4		
d	walls; 250 mm thick	CM	17		
	<b><u>REINFORCEMENTS (PROVISIONAL)</u></b>				
	<u>Bars; High yield steel; Cold worked; B.S 4461</u>				
	In any location				
e	32mm -12 mm	KG	1,500		
f	10 mm	KG	1,000		
g	8 mm	KG	1,200		
	<b><u>SHUTTERING</u></b>				
	<u>Generally</u>				
	Generally to				
h	soffits	SM	26		
i	sides of walls	SM	134		
j	Edges; 75 to 150 mm girth	LM	20		
	Boxing formwork through 200 mm thick reinforced concrete slab form opening size				
k	600 x 600 mm	No.	1		
	<b><u>Total Carried To Collection</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b><u>METAL WORK</u></b>				
	<b><u>NON-STRUCTURAL METAL WORK</u></b>				
	<u>Mild steel; K.S. 02-08</u>				
	Purpose made access cover and frames; comprising 4 mm thick panel welded onto 50 x 50 x 4 mm angle framing with lugs cast onto reinforced concrete slab opening edges; complete with all necessary ironmongery; hot-dip galvanized to approval; size				
a	600 x 600	No.	1		
	<b><u>THERMAL AND MOISTURE PROTECTION</u></b>				
	<b><u>CONCRETE SURFACE TREATMENT</u></b>				

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	20 mm thick bitumen mastic				
	Two coat work to				
b	vertical surfaces	SM	70		
	<b><u>MASONRY</u></b>				
	<b><u>SKIN WALLING (PROVISIONAL)</u></b>				
	Concrete blocks; B.S 2028; type A; 3.5 N per square millimetre solid; in cement mortar (1:4)				
	Walls				
c	150 mm thick; reinforced	SM	67		
	<b><u>FINISHES</u></b>				
	<b><u>FINISHINGS</u></b>				
	Mortar; cement and sand (1:4) waterproofed with 'pudlo' additive;				
	15 mm thick				
d	to walls	SM	67		
	50 mm thick				
e	to floors	SM	23		
	Angle fillets				
f	150 x 150 mm	LM	20		
	<b><u>Total Carried To Collection</u></b>			<b>K. Shs.</b>	
Item	Description	Unit	Quantity	Rate	Amount
	<b><u>COLLECTION</u></b>				
	Brought forward from page 5/-18				
"	" " " " 5/-19				
"	" " " " 5/-20				

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

Item	Description	Unit	Quantity	Rate	Amount
<b>Total for Underground Water Storage Tank - Carried to External Works Section No. 5 Summary</b>				<b>K. Shs.</b>	
	<b><u>SOIL DRAINAGE</u></b>				
	<b><u>SITE WORK</u></b>				
	<b><u>UNDERGROUND DRAINAGE</u></b>				
	Excavating				
	Trenches for 150mm diameter underground pipes				
a	500mm average deep	LM	372		
	Extra over all excavations irrespective of depth for				
b	breaking up rock	CM	28		
	<b><u>Plain poured concrete</u></b>				
	Normal; mix (1:3:6-25mm); beds and surrounds to pipes				

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

c	450 x 450 to 150 mm diameter pipes	LM	372		
	<u>Manholes</u> Manholes; excavating in any material encountered on site; disposing surplus soil by spreading on site; poured plain concrete; mix (1:3:6-25mm); vibrated; in 100 mm thick beds; poured reinforced concrete mix (1:2:4-20mm); vibrated; in 150mm thick cover slabs or kerbs reinforced with 12mm square twisted bars at 150mm centres in both directions; shuttering; 150mm thick solid concrete block work sides; finished internally with 'pudlo' additive waterproofed render (1:4) benching bottoms and forming main branch channels in poured plain concrete mix (1:3:6-25mm); trowelled smooth; double seal covers and frames; to B.S 497; step irons to B.S 1247 type A; holes in sides for pipes; internal sizes				
d	450 mm x 600 mm x 1000 to 1500 mm deep	No.	31		
	<b><u>Total for Soil Drainage - Carried to External Works Section No. 5 Summary</u></b>			<b>K. Shs.</b>	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b><u>PROPOSED OFFICE BLOCK FOR THE COUNTY ASSEMBLY OF KILIFI PLOT No. 2146 MALINDI</u></b>				
	<b><u>SECTION No. 3 - EXTERNAL WORKS</u></b>				
	<b><u>SUMMARY</u></b>				
	1.0 SITE WORKS		5/-1		
	2.0 BOUNDARY WALL		5/-5		
	3.0 GATE COLUMNS		5/-8		
	4.0 PARKING AND DRIVE WAY		5/-10		

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

5.0 COVERED WALK WAY	5/-17		
6.0 UNDERGROUND WATER TANK = 54,000 litres capacity	5/-21		
7.0 SOIL DRAINAGE	5/-22		
<b><u>Total for Section No. 5 External Works - Carried to Main Summary</u></b>		<b>K. Shs.</b>	