

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>PART NO.3</u>				
	<u>BOUNDARY WALL & GATE</u>				
	<u>Site Clearance;</u>				
1	Clear site of small grass, shrubs, small trees and bushes, over the entire area of the site and cart away rubbish resulting from clearance;	1,191	SM		
	<u>Excavation</u>				
2	Excavate for column bases not exceeding 1500 mm deep commencing from existing ground level;	420	CM		
3	Ditto for strip footing not exceeding 1500 mm deep commencing from existing ground level;	464	CM		
	<u>Disposal and filling of excavated materials;</u>				
4	Return, fill in and ram approved granular material around foundations;	254	CM		
5	Load surplus excavated material and cart away from site	630	CM		
	<u>Mass concrete mix class 15 (1:3:6): in</u>				
6	50 mm Thick blinding under strip foundation footing;	477	SM		
7	Ditto; but to column bases;	320	SM		
	Total Carried of Collection				

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Vibrated reinforced insitu concrete (1:2:4) class 20/20;</u>				
8	Strip footing in trench	95	CM		
9	Column Bases	96	CM		
10	Columns (substructure)	36	CM		
11	Columns (superstructure)	78	CM		
12	Ground beam (substructure)	48	CM		
13	Ring beam coping (superstructure)	38	CM		
	<u>High yield ribbed round bar reinforcement to BS 4461 including bends, hooks tying wire, distance blocks and spacers all in position as necessary;</u>				
14	8 mm diameter size bars	6,990	Kg		
15	12 mm diameter size bars	20,071	Kg		
	<u>Sawn formwork: to</u>				
16	Vertical sides of strip footing	238	SM		
17	Vertical sides of column bases	384	SM		
18	Vertical sides columns in substructure	480	SM		
19	Vertical sides columns in superstructure	1,037	SM		
20	Vertical sides of ground beams in substructure	309	SM		
21	Vertical sides of ring beam coping in superstructure	318	SM		
	Total Carried of Collection				

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Natural dressed coral stone walling bedded in cement and sand (1:4) mortar; reinforced with and including 20swqx25mm wide hoop iron in every alternate course;</u>				
22	200 mm Thick stone walling in substructure	994	SM		
23	200 mm Thick stone walling in superstructure	2,147	SM		
	<u>15 mm Thick cement and sand (1:4) render to:</u>				
24	Masonry wall surfaces	3,635	SM		
25	Ditto but to concrete surfaces	1,421	SM		
26	Extra over for textured render to surfaces	1,120	SM		
	<u>15 mm thick cement and sand (1:3) backing to receive wall cladding (Front façade only);</u>				
27	Wall surfaces	659	SM		
	<u>Supply and fix approved exterior wall cladding to approval (Front façade only);</u>				
28	Generally to walls; over 300 mm wide;	659	SM		
	<u>Prepare and apply one undercoat and two finishing coats superior quality exterior paint to rendered masonry/concrete surfaces;</u>				
29	Walls and concrete surfaces	5,056	SM		
Total Carried of Collection					

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
30	<p><u>Prepare and apply one undercoat and two finishing coats superior quality exterior paint to rendered masonry/concrete surfaces;</u></p> <p>Walls and concrete surfaces</p>	1,120	SM		
31	<p><u>Gate</u></p> <p>Supply and fix a composite mild steel and treated hardwood timber gate size 5000 x 2400 mm high all to Architect's details;</p>	1	NO		
Total Carried of Collection					

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	COLLECTION				
	Collection From Page No	140			
	Collection From Page No	141			
	Collection From Page No	142			
	Collection From Page No	143			
TOTAL FOR BOUNDARY WALL & GATE TO SUMMARY					

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>PART NO.4</u>				
	<u>SUBSTRUCTURES</u>				
	<u>Site Clearance;</u>				
1	Clear site of small grass, shrubs, small trees and bushes, over the entire area of the site and cart away rubbish resulting from clearance;	35	SM		
	<u>Excavation</u>				
2	Excavate 300 mm thick oversite to reduce levels commencing from existing ground level;	11	CM		
3	Excavate for footings not exceeding 1500 mm deep commencing from reduced levels;	22	CM		
	<u>Disposal of excavated materials;</u>				
4	Return, fill in and ram approved granular material around foundations;	19	CM		
5	Load surplus excavated material and cart away from site;	14	CM		
	<u>Hardcore filling</u>				
6	300mm. Thick layer of handpacked hardcore filling well rolled and compacted in layers not exceeding 150mm thick;	6	CM		
7	50mm Thick murrum blinding to surface of hardcore to receive concrete;	20	SM		
	<u>Damp Proof Membrane</u>				
8	Single layer of 500 gauge polythene sheeting laid on blinded hardcore with 150mm side laps to receive concrete;	20	SM		
	Total Carried of Collection				

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Soil Sterilization</u>				
9	“DRAGNET ‘FT’ or similar approved anti-termite solution applied strictly in accordance with the manufacturer’s instructions;	20	SM		
	<u>CONCRETE WORK</u>				
	<u>Mass concrete mix class 15 (1:3:6): in</u>				
10	50mm blinding under strip foundations footings	18	SM		
	<u>Vibrated reinforced concrete; class 25/20, (mix 1:1/5:3);</u>				
11	Strip foundation footings in trenches	4	CM		
12	150mm Thick floor slab	20	SM		
	<u>REINFORCEMENT</u>				
	<u>High yield square twisted bar reinforcement to BS 4461 including bends, hooks tying wire, distance blocks and spacers all in position as necessary;</u>				
13	8 mm Diameter Bars	52	Kgs		
14	10 mm Diameter Bars	41	Kgs		
	<u>Steel fabric mesh reinforcement to B.S 4483;</u>				
15	Fabric reinforcement to BS 4483; reference A142;	20	SM		
	<u>Sawn formworks to:-</u>				
16	Sides of strip foundations footings;	12	SM		
17	Edge of slab 75-150mm high;	30	LM		
	Total Carried of Collection				

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<p><u>MASONRY</u></p> <p><u>Natural dressed coral stone walling bedded in cement and sand (1:4) mortar; reinforced with and including 20sqx25mm wide hoop iron in every alternate course;</u></p>				
18	200 mm Thick walling in foundations	38	SM		
	<p><u>15 mm Thick cement and sand (1:4) as described to:</u></p>				
19	Plinths	9	SM		
	<p><u>Prepare and apply three coats black bitumastic paint to:</u></p>				
20	Plinths	9	SM		
	Total Carried of Collection				

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	COLLECTION				
	Collection From Page No	145			
	Collection From Page No	146			
	Collection From Page No	147			
TOTAL FOR SUBSTRUCTURES TO SUMMARY					

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>R.C FRAME</u>				
	<u>Vibrated reinforced concrete; class 25/20, (mix 1:1/5:3);</u>				
21	Beams	2	CM		
22	Decorative features	9	CM		
23	150 mm Thick suspended roof slab	20	SM		
	<u>High yield ribbed round bar reinforcement to BS 4461 including bends, hooks tying wire, distance blocks and spacers all in position as necessary;</u>				
24	8 mm Diameter Bars	490	Kgs		
25	10 mm Diameter Bars	350	Kgs		
26	12mm Diameter Bars	560	Kgs		
	<u>FORMWORK</u>				
	<u>Sawn formwork as described to:-</u>				
27	Sides and soffits of beams	24	SM		
28	Horizontal sides and soffits of decorative features	50	SM		
29	Horizontal soffits of suspended slabs	20	SM		
30	Edges of suspended slab over 150 mm but not exceeding 225 mm high	12	LM		
TOTAL FOR R.C FRAME TO SUMMARY					

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>WALLING</u>				
	<u>Natural dressed coral stone walling bedded in cement and sand (1:4) mortar; reinforced with and including 20swg x 25mm wide hoop iron in every alternate course;</u>				
31	200 mm Thick walling	78	SM		
32	200 mm Thick parapet walling	27	SM		
33	200 mm Thick feature walls	17	SM		
TOTAL FOR WALLING TO SUMMARY					

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>ROOFING AND RAIN WATER DISPOSAL</u>				
	<u>Light weight pumice screeds</u>				
34	40 mm Thick to receive mastic asphalt roofing (m.s)	46	SM		
35	50 mm Thick protective screed on top of mastic asphalt roofing (m.s); laid to falls and cross falls	46	SM		
	<u>Pre-cast Concrete Class 20/20</u>				
36	Coping on top of parapet wall;	58	LM		
	<u>4mm thick APP rubber waterproofing on floor and wall to manufacturers written specifications</u>				
37	APP waterproofing to manufacturer's written instructions on and including all necessary preparations to floor	46	SM		
38	50 x 50mm angle fillet	60	LM		
	<u>Cement and sand (1:3) screeded bed, as described</u>				
39	30mm Thick finished to receive floor tiles (m.s).	46	SM		
	<u>Supply and fix interlocking concrete floor tiles to approved pattern on sand cement screed (measured separately)</u>				
40	Generally to roof floor	46	SM		
41	100mm High skirting	60	LM		
	Total Carried of Collection				

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Rainwater Goods</u>				
	<u>Fulbora Outlets</u>				
42	150 mm diameter galvanized mild steel fulbora rainwater outlet complete with dome type grating, flange, raising ring, pvc adapter, mesh trap and other accessories including connecting to down pipe;	3	NO		
	<u>Supply and fix UPVC rain water system with accessories, to manufacturer's instruction.</u>				
43	100 mm diameter uPVC rain water downpipe: firmly secured with holderbats at 1500 mm (max) centres to approval (3 No. pipes)	12	LM		
44	Extra over for closed ends	3	No		
45	Ditto for 100 mm swan neck offset	3	No		
46	Ditto for shoe	3	No		
Total Carried of Collection					

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	COLLECTION				
	Collection From Page No	151			
	Collection From Page No	152			
	TOTAL FOR ROOFING TO SUMMARY				

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<p><u>WINDOWS</u></p> <p><u>The following in Heavy Duty Powder Coated Aluminium windows from approved manufacturer(s) with frames, mullions, transoms, railing and necessary intermediate reinforcement elements including all weather strips, rubber glazing strips, couplings, all necessary ironmongery as hinges, fasteners, stays and sliding rails; with and including 4 mm thick one way double glass and glazing in panes: including rubber glazing gaskets: approved silicon joints; to details; all in accordance with referenced Architect's drawings</u></p>				
47	Window overall size 1500 x 1500 mm high Ref.	2	NO		
48	Window overall size 600 x 500 mm high Ref.	1	NO		
	<p><u>Precast concrete class 20/20</u></p>				
49	250 x 50 mm Thick cill weathered and throated; bedded and jointed in cement and sand mortar(1:3) fair faced on all exposed sides;	4	LM		
	<p><u>Steel buglars</u></p>				
50	Supply and fix mild steel buglars to later details	5	SM		
	TOTAL FOR WINDOWS TO SUMMARY				

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>DOORS</u>				
	<u>Purpose made solid mahogany/hardwood panel doors; all to Architects's details</u>				
51	Door overall size 900 x 2400 mm high with 300mm high clear glass fanlight Ref.	3	NO		
	<u>Wrot Mahogany:</u>				
52	Supply and fix 150 x 50 mm Frame; 4 labours	18	LM		
53	Ditto transome; 4 labours	3	LM		
54	65 x 45 mm Architrave	36	LM		
55	25 x 15 mm bidding;	72	LM		
	<u>Supply and fix: "HAFELE" Ironmongery</u>				
52	100 x 76 x 3mm thick stainless steel butt hinges	5	Prs		
53	Overhead door closer;	3	NO		
54	Three lever security lock complete with handles	3	NO		
55	38 mm diameter oval rubber door stop;	3	NO		
	<u>Prepare and apply one coat aluminium primer on back of wood</u>				
56	Surfaces 100 - 200 mm girth	18	LM		
	<u>Prepare and apply three coats polyurethane clear varnish to woodwork surfaces</u>				
56	Surfaces over 300 mm girth	14	SM		
	<u>Heavy duty security grill to doors</u>				
57	To approved pattern complete with paintwork	7	SM		
	TOTAL FOR DOORS TO SUMMARY				

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>FINISHES</u>				
	<u>Wall Finishes</u>				
	<u>15 mm Thick cement and sand (1:4) render to :</u>				
58	Walls	79	SM		
59	Surfaces of concrete decorative features	74	SM		
60	Door and window reveals	2	SM		
	<u>15 mm thick cement and sand (1:3) backing to receive wall cladding;</u>				
61	Wall surfaces	53	SM		
	<u>Supply and fix approved exterior wall cladding to approval;</u>				
62	Generally to walls; over 300 mm wide;	53	SM		
	<u>Prepare and apply one undercoat and two finishing coats superior quality exterior paint to rendered masonry/concrete surfaces externally;</u>				
63	Walls	79	SM		
64	Surfaces of concrete decorative features	59	SM		
65	Door and window reveals	2	SM		
	<u>Cement and sand (1:3) backing in accordance with drawings and specification</u>				
66	12mm Thick finished to receive coloured ceramic wall tiles (m.s.)	19	SM		
	Total Carried of Collection				

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>Smooth cement sand lime gauged plaster</u>				
67	Walls	59	SM		
68	Surfaces of concrete	22	SM		
69	Door and window reveals	3	SM		
	<u>Supply and fix 330 x 250mm glazed ceramic tiles on screed backings (m.s) to walls;</u>				
70	8 mm Thick tiling	19	SM		
71	Extra over for decorative tile (Provisional)	20	No		
72	Ditto for border tile (Provisional)	7	LM		
73	Ditto for PVC edge strips (Provisional)	14	LM		
	<u>Prepare and apply one undercoat and two finishing coats silk vinyl emulsion paint as described;</u>				
74	Walls	59	SM		
75	Surfaces of concrete	22	SM		
76	Door and window reveals	3	SM		
	<u>Floor Finishes</u>				
	<u>Cement and sand (1:3) screeded bed, as described</u>				
77	30mm Thick finished to receive Ceramic floor tiles (m.s).	20	SM		
	<u>Supply and fix 450 x 450 x 10 mm thick Ceramic floor tiles to approved pattern on sand cement screed (measured separately)</u>				
78	Generally to floors	20	SM		
79	100mm High skirting	30	LM		
	Total Carried of Collection				

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<p><u>Ceiling Finishes</u></p> <p><u>Plaster; 9 mm first coat of cement and sand 1:6; 3 mm second coat of cement sand and lime putty (1:10); steel trowelled smooth;</u></p>				
80	<p>Ceilings over 300mm wide</p> <p><u>Prepare surfaces: apply 3 coats of superior quality Crown Solo vinyl emulsion paint;</u></p>	46	SM		
81	<p>Ceilings over 300mm wide</p>	46	SM		
	Total Carried of Collection				

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	COLLECTION				
	Collection From Page No	156			
	Collection From Page No	157			
	Collection From Page No	158			
TOTAL FOR FINISHES TO SUMMARY					

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
<u>SUMMARY</u>					
1	SUBSTRUCTURES	148			
2	R.C FRAME	149			
3	WALLING	150			
4	ROOFING	153			
5	WINDOWS	154			
6	DOORS	155			
9	FINISHES	159			
TOTAL FOR 2 NO. GUARD HOUSES TO SUMMARY					

PROPOSED BOUNDARY WALL ON PLOT NO. 328 MAYUNGU, MALINDI IN KILIFI COUNTY.

NO.	DESCRIPTION	AMOUNT (KSHS)	
	<u>BILL NO. 5</u>		
	<u>PRIME COST (P.C) SUMS</u>		
	<u>Provide Prime Cost (P.C.) & Provisional Sums to cover the cost of the following Sub-Contracts to be executed by Nominated Specialist Sub-Contractors or Suppliers</u>		
	<u>Electrical Installation Works</u>		
1	Provide Prime Cost (P.C) Sum of Kenya Shillings Two Million Nine Hundred Fifty Thousand (Shs.2,950,000.00) only for Electrical Installation Works including light fittings to Engineer's specifications;	SUM	2,950,000.00
2	<u>Allow for all internal builder's work in connection including cutting chases, recesses holes, etc, providing pipe sleeves and making good on completion;</u>	SUM	
	<u>Electrical Fence Installation Works</u>		
3	Provide Prime Cost (P.C) Sum of Kenya Shillings One Million Eight Hundred Thousand (Shs. 1,800,000.00) only for Electric Fence Installation Works to Engineer's specifications;	SUM	1,800,000.00
4	<u>Allow for all internal builder's work in connection including cutting chases, recesses holes, etc, providing pipe sleeves and making good on completion</u>	SUM	
	<u>Plumbing & Drainage Installation Works</u>		
5	Provide Prime Cost (P.C) Sum of Kenya Shillings Two Hundred Fifty Thousand (Shs.250,000.00) only for Plumbing, Drainage and Sanitary Fittings to Engineer's specifications;	SUM	250,000.00
6	<u>Allow for all internal builder's work in connection including cutting chases, recesses holes, etc, providing pipe sleeves and making good on completion</u>	SUM	
TOTAL AMOUNT FOR PRIME COST (P.C) SUMS		KSHS	

PROPOSED BOUNDARY WALL
ON
PLOT L.R. NO. 328 MAYUNGU, MALINDI
KILIFI COUNTY
MAIN SUMMARY

PART NO.	DESCRIPTION	PAGE NO	AMOUNT KSHS
1	PARTICULAR PRELIMINARIES	126	
2	GENERAL PRELIMINARIES	139	
3	PERIMETER FENCE & GATE	140	
4	GUARD HOUSE	160	
5	PRIME COST SUMS	161	
	SUB-TOTAL AMOUNT		
	ADD: 16% V.A.T		
	ADD: Contingency Sum		1,500,000.00
	TOTAL AMOUNT TO FORM OF TENDER	KSHS	

TENDERER (In Capitals): Kenya Shillings

.....

.....

Name of Tenderer:

Signature of Tender:

Date: