ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	PROPOSED CONSTRUCTION OF 8 CLASSES ONE STORIED ELEMENT NO.1				
	SUBSTRUCTURES				
	ALL PROVISIONAL				
	NOTE; All work measured under this element is upto and including the floorslab but excluding the finishes thereon:-				
Α	Clear the site of all bush scrub undergrowth and small trees grub up roots and cart away or burn all arising	552	SM	100	55,200.00
В	Excavate oversite average 150mm deep to remove vegetable soil load up wheel and cart away.	552	SM	150	82,800.00
С	Excavate for strip foundation trenches occuring not exceeding 1.5metres deep commencing from reduced level	192	СМ	300	57,600.00
D	Ditto but for column	14	СМ	350	4,900.00
E	Allow for keeping excavations free from mud and all water including spring and running water by pumping pailing or other approved means.		ITEM		10,000.00
F	Allow for planking and strutting to sides of excavations		ITEM		10,000.00
	Disposal				
G.	Load surplus excavated material and cart away from site	32	СМ	300	9,600.00
	230,100.00				

VIHIGA DISTRICT P. O. Box 1460 - 50300 MARAGOLI Sign

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	Filling				
A	Return fill in and ram selected excavated material around foundations.	174	СМ	350	60,900.00
	Hardcore as described				
В	Approved hardcore filling including levelling consolidating and/or hand packing on blinding(m.s)	552	SM	350	193,200.00
	Blinding				
с	50mm Thick layer murram or other equal and approved blinding to the surface of hardcore;rolled smooth to receive polythene sheeting(m.s)	552	SM	250	138,000.00
	Insecticide treatment				
D	'TERMIDOR'' or other equal and approved chemical insecticide treatment prepared and applied according to the manufacturer's printed instructions.	552	SM	200	110,400.00
	Damp proof membrane				
E	500 Gauge polythene or other equal and approve plastic sheet damp proof membrane laid over blinding(measured nett - allow for laps)	ed 552	SM	250	138,000.00
Carried to collection					640,500.00
	P. O. BOX 1460 - 50300 MARAGOLI				<u> </u>

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	In-situ concrete work				
	Mass concrete (1:4:8/38-38mm aggregate)				
Α	50mm Thick blinding under foundations	20	СМ	7000	140,000.00
В	50 mm thick blinding under column bases Vibrated reinforced concrete	4	СМ	7000	28,000.00
	(1:2:4/20-20mm) aggregate as described				
	in:				
С	Strip foundations	28	СМ	10,000	280,000.00
D E	Column bases and columns 150mm Thick floor slab	16 552	CM SM	10,000 800	160,000.00 441,600.00
-		002	5/11	000	441,000.00
	Steel reinforcement				
	Supply and fix bar/rod reinforcement				
	inclunding bending hooks tyingwire cutting spacers and supporting all in position as				
	described.				
	High tensile square twisted bars to				
	B.S.4461				
F G	8 mm diameter 10 mm diameter	500 800	KG.	150 150	75,000.00
G		000	KG.	150	120,000.00
	Mesh reinforcement				
н	Fabric mesh reinforcement to B.S. 4483 ref: A142				
	including laps tyingwire and spacer blocks	E E O	C M A	250	193,200.00
	complete(measured nett-allow for laps)	552	SM	350	193,200.00
	Sawn formwork as described to:				
I	Vertical sides of foundations	74	SM	400	29,600.00
J	Edges of floor slab 75-150mm high	74	LM	350	25,900.00
К	Sides of columns	34	SM	400	13,600.00
Carried to collection					1,506,900.00
P. O. Boy 1480 – 50300 MARAGOLI					1,000,700.00
Sillin C					

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	Foundation walling				
A	200mm Thick Natural Stone walling bedded and jointed in cement and sand (1:3) mortar and reinforced with and including 20swg x 25mm wide hoopiron in every alternate course Plinth area finishes	296	SM	1200	355,200.00
B.	12mm Thick cement and sand (1:3) wood float render to plinth area	132	SM	250	33,000.00
C.	Prepare and apply three coats black bitumastic paint to rendered area	132	SM	200	26,400.00
	Sounty works officer (MOPY) VIHIGA DISTRICT P. O. Box 1480 - 50300 MARAGOLI Sign. Contest				

COLLECTION		
Brought forward from page	EHS/ 1	230,100.00
Brought forward from page	EHS/ 2	640,500.00
Brought forward from page	EHS/ 3	1,506,900.00
Brought down from page	EHS/ 4	414,600.00
TOTAL FOR ELEMENT NO. 1 SUBSTRUCTURES CARRIED TO SUMMARY		2,792,100.00

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	ELEMENT NO.2 R.C. FRAME & STEEL FRAMES Vibrated reinforced concrete (1: 2:4/20 - 20mm aggregate) as described in:-				
A. B. C. D	Ringbeam/beams Columns 1st floor slab Stair case Steel reinforcement	20 12 552 3	CM CM CM CM	12000 12,000 1800 12,000	240,000.00 144,000.00 993,600.00 36,000.00
	Supply and fix steel bar/rod reinforcement including bending hooks tyingwire cutting spacer blocks and supporting all in position High tensile square twisted bars to B.S. 4461 as described in ;				
E F G H	12 mm diameter 10 mm diameter 8 mm diameter 16 mm diameter Sawn formwork as described to:	564 4456 1398 3769	KG. KG. KG. KG.	150 150 150 150	84,600.00 668,400.00 209,700.00 565,350.00
J K L M	Soffites of . Floor slabs Sides and soffites of beams Sides of columns Sides and soffites of stair case and ramp.	274 198 512 6	SM SM SM SM	400 400 400 400	109,600.00 79,200.00 204,800.00 2,400.00
	COUNTY WORKS OFFICER (MOPY) VHIGA DISTRICT P. O. Roy 1480 – 50300 MARAGOLI	Carried to colle	ection	<u> </u>	3,337,650.00

VIHIGA DISTRICT P. O. Box 1460 - 50300 MARAGOLI Sign.

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
Α.	Hand Rail To Sides of Balcony and Stair Case area 150mm diameter mild steel welded ballustades in stair case.	90	LM	1000	90,000.00
B C	150mm diameter Round Stanchion casted on slak 2"Square tube welded on 150mm stanchion	66 150	LM LM	1000 600	66,000.00 90,000.00
	Painting				
D	Prepare and apply one coat of red oxide primer before transporting to site and another on site to general surfaces of steel columns surfaces including preparing and applying two coats gloss oil paint	306	LM	200	61,200.00
	COUNTY WORKS OFFICER (MOPY VIHIGA DISTRICT P. O. Box 1460 – 50300 MARAGOLI Ston. Journal				307,200.00

COLLECTION			
Brought forward from page	EHS/ 5		3,337,650.00
Brought down from page	EHS/ 6	ABOVE	307,200.00
TOTAL FOR ELEMENT NO. 2 R.C. FRAME/STEEL FRAME			3,644,850.00
CARRIED TO SUMMARY			

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	ELEMENT NO. 3				
	EXTERNAL WALLING				
	Approved Natural Stone walling bedded and jointed in cement and sand (1:3) mortar with recessed joints as described in:-				
Α.	200mm Thick reinforced with and including 20swg x 25mm wide hoopiron in every third course	810	SM	1000	810,000.00
В	Extra over walling for eaves clossing	95	LM	300	28,500.00
	Horizontal damp proof course ; one layer of 3 - ply bituminous felt or other equal and approved (measured nett - allow for laps)				
С	200mm Wide levelled and bedded in cement and sand (1:3) mortar under walls	300	LM	200	60,000.00
County works officer (MOPW VIHIGA DISTRICT P. 0. Boy 1480 - 50300 MARAGOLI Ston, County 1					898,500.00

COLLECTION	
Brought down from page EHS/ 7 Above	898,500.00
TOTAL FOR ELEMENT NO.3 EXTERNAL WALLING	898,500.00
CARRIED TO SUMMARY	

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	ELEMENT NO. 4 INTERNAL WALLING				
	Approved Natural Stone walling bedded and jointed in cement and sand (1:3) mortar with recessed joints as described in:-				
Α.	200mm Thick reinforced with and including 20swg x 25mm wide hoopiron in every third course	510	SM	1000	510,000.00
	Horizontal damp proof course ; one layer of 3 - ply bituminous felt or other equal and approved (measured nett - allow for laps)				
В.	200mm Wide levelled and bedded in cement and sand (1:3) mortar under walls	150	LM	200	30,000.00
COUNTY WORKS OFFICER (MUPY VIHIGA DISTRICT P. O. Bor 1460 - 60000 MARAGOLI Sign June Country Carried to collection below					540,000.00

COLLECTION	
Brought down from page EHS/ 8 Above	\$ 540,000.00
TOTAL FOR ELEMENT NO.4 INTERNAL WALLING	540,000.00
CARRIED TO SUMMARY	

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	ELEMENT NO. 5				
	ROOFING				
	Construction				
	All timber to be sawn cypress of G.S. grade seasoned to an equilibrium moisture content of between 9% and 15% and to the requirement of K.S. 02 771 of 1991 treated with approved wood preservative				
Α.	100 x 50mm Wall plate on and including 10mm cement and sand (1:4) mortar bed by black mild steel anchor bolts (m.s.)	74	LM	300	22,200.00
	The following in 16 No. Nailed timber trusses spanning clear 5200mm (average) height 1350mm including hoisting and placing 3000mm above floor slab level				
B.	100 x 50mm Trussed rafter	414	LM	300	124,200.00
C.	100 x 50mm Tie beam	230	LM	300	69,000.00
D.	100 x 50mm Strut/tie	644	LM	300	193,200.00
	COUNTY WORKS OFFICER (MUPM VIHIGA DISTRICT P. 0. Box 1460 - 50300 MARAGOLI Sign Crucies				

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	Independent members				
A	75x 50mm purlins	504	LM	250	126,000.00
	Covering				
В	Gauge 30"GCI" box profile sheet roofing fixed on purlins(m.s.)	680	SM	1300	884,000.00
с	Gauge 30g Ridge capping to match covering	45	LM	250	11,250.00
	Wrot cypress				
D	25 x 225mm Fascia board fixed to end of rafters(m.s)	140	LM	300	42,000.00
E	25 x 225mm Barge board fixed to end of battens	26	LM	300	7,800.00
F	Supply and fix 100mm x 50mm ceiling battens to soffits of the tie beams to receive ceiling	1200	LM	250	300,000.00
G	Supply and fix 6mm thick chip soft board flowered ceiling to soffits of battens	d 274	SM	1000	274,000.00
G	Supply and fix wooden conices to edges of chip soft board ceiling.	350	LM	150	52,500.00
	Painting Prime only back of wood before fixing				
н	Surfaces 100-200mm girth	274	LM	200	54,800.00
	Knot prime stop and apply one under coat and two finishing coats gloss oil paint to;				
I	General surfaces of wood 200 - 300mm girth	300	SM	200	60,000.00
COUNTY WORKS OFFICER (MUPPY VIHIGA DISTRICT P. O. Boy 1480 – 50300 MARAGOLI Stan. Journal					1,812,350.00

COL	DLLECTION		
Brought forw	ward from page	EHS/ 9	408,600.00
Brought forw	ward from page	EHS/ 10	1,812,350.00
TOTAL FOR ELEMENT NO.5 ROOFING AND RAINWATER WAT	2,220,950.00		
CARRIED TO SUMMARY			

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	ELEMENT NO. 6				
	WINDOWS				
	Supply and fix the following purpose made welded mild steel casement windows comprising of one inch z section framing, T sections				
Α.	Window overall size 2000mmx1200mm high	44	NO	6000	264,000.00
	Glazing				
	5mm thick clear sheet glass in metal putty in;-				
В	Panes exceeding 0.1 sq m but not exceeding 1.50	106	SM	1200	127,200.00
	Window Cill				
С	Ex. 250 x 75mm Thick precast concrete window cill weathered and throated, reinforced as necessary, finished fair faced including hoisting and bedding in cement and sand (1:3)				
	mortar	97	LM	300	29,100.00
County Works OFFICER (MUPM VIHIGA DISTRICT P. O. Bog 1460 – 50300 MARAGOLI Ston. Journal Contract Contract of Cont					420,300.00

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	Painting				
	Prepare and apply one under coat and two finishing gloss oil paint to ;				
Α.	General surfaces of metal (windows) internally	113	SM	200	22,600.00
В	General surfaces of metal (windows) externally	113	SM	200	22,600.00
	Carried to collection				

I					
	COLLECTION Brought forward from page Brought Down from page	EHS/ 12 EHS/ 13	Above	420,300.00 45,200.00	
	TOTAL FOR ELEMENT NO.6 WINDOWS CARRIED TO SUMMARY				

EHS/ 13

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	ELEMENT NO.7				
	DOORS				
	Metal doors				
Α.	900mm wide x 2400mm high overall mild steel doors with side lights	8	NO.	14,000	112,000.00
В	900mm wide x 2100mm high solid core flush doors with union mortice locks complete	2	NO.	7000	14,000.00
C D	Painting to: General surfaces of Metal General surfaces of wood	24 8	SM SM	200 200	4,800.00 1,600.00
<u> </u>	County Works OFFICER (MOPY VIHIGA DISTRICT P. O. Box 1480- 50300 MARAGOLI Stor. Zouriet				

COLLECTION Brought down from page EHS/ 14 Above	132,400.00
TOTAL FOR ELEMENT NO. 7 DOORS	132,400.00
CARRIED TO SUMMARY	

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	ELEMENT NO. 8				
	FINISHES				
	Floors and Skirtings				
	Insitu cement and sand (1:3) screeded beds, with steel trowelled finish , on concrete				
Α.	20mm Thick backing finished with a wood float steel trowelled rough to receive terrazzo finish.	1104	SM	300	331,200.00
В	12mm thick terrazzo floor finish to the entere floor area trowelled, stripped and rammed to standard	1104	SM	1800	1,987,200.00
С	Ditto 12mm thick terrazzo floor finish including finish on skirting.	h 300	LM	550	165,000.00
	EXTERNAL WALL FINISHES				
	External walls				
	12mm thick cement, sand render, with wood float finish, as described to:-				
D	Walls/Concrete surfaces of beams	650	SM	300	195,000.00
	Painting and decorating				
	Prepare and apply one undercoats and two finishing coats exterior quality plastic emulsion paint on :-				
Е	Rendered concrete surfaces	150	SM	300	45,000.00
COUNTY WORKS OFFICER (MUP'N VIHIGA DISTRICT P. O. Bog 1460 - 5000 MARAGOLI Sign. Curried to collection					2,723,400.00

EHS 15

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	INTERNAL WALL FINISHES				
	Internal walls				
	12mm thick cement, sand and lime plaster, with steel trowelled finish, as described to:-				
Α.	Walls	1410	SM	300	423,000.00
	Painting and decorating				
	Prepare and apply one undercoats and two finishing coats plastic emulsion paint on :-				
В.	Plastered walls and beams	910	SM	200	182,000.00
County WORKS OFFICER (MUPH VHIGA DISTRICT P. O. BOX 1460 - 50300 MARAGOLI Stgn. Curried					605,000.00

COLLECTION		
Brought forward from page	EHS/ 15	2,723,400.00
Brought down from page	EHS/ 16	605,000.00
TOTAL FOR ELEMENT NO. 8 FINISHES	3,328,400.00	
CARRIED TO SUMMARY		

NO.	SUMM. ELEMENT	ARY		
1	SUBSTRUCTURES		EHS/ 4	2,792,100.00
2	R.C. FRAME		EHS/ 6	3,644,850.00
3	EXTERNAL WALLING		EHS/ 7	898,500.00
4	INTERNAL WALLING		EHS/ 8	540,000.00
5	ROOFING		EHS/ 11	2,220,950.00
6	WINDOWS		EHS/ 13	465,500.00
7	DOORS		EHS/ 14	132,400.00
8	FINISHES		EHS/ 16	3,328,400.00
	CARRIED TO GRAND SUMMARY	UNITY WORKS OFFICER (MUPH VIHIGA DISTRICT P. O. BOX 1460 - 50300 MARAGOLI Sign		14,022,700.00

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	KSHS
	PC AND PROVISIONAL SUMS				
Α.	Allow a provisional sum of Kenya Shillings Two Hundred thousand only (200,000.00) for Contingencies(One hundred and fifty for plan approval 150,000.000)		SUM		350,000.00
В	Allow a provisional sum of Kenya Shillings Two hundred and fifty thousand(250,000.00)for electrical Works		SUM		250,000.00
с	Allow a provisional sum of Kenya Shillings four hundred and fifty thousand(450,000.00)for project supervision.		SUM		450,000.00
D	Allow a pc sum of ksh five hundred thousand for administration cost		SUM		500,000.00
Carried to collection					1,550,000.00
	Brought Down from Pa	ge No. PC/	1	Above	1,550,000.00
	TOTAL FOR PC AND PROVISIONAL SUMS				

CARRIED TO GRAND SUMMARY

1,550,000.00

	PS/ 1					
	GRAND SUMMARY					
ITEM	DESCRIPTION					
1	BUILDING WORKS	EHS/1	14,022,700.00			
2	PROVISIONAL SUMS	PS/1	1,550,000.00			
	SUB-TOTAL COUNTY WORKS OFFICER (MOPY VIHIGA DISTRICT P. O. Box 1460 – 50300 MARAGOLI		15,572,700.00			
	ADD 16%VAT		2,491,632.00			
	TOTAL FOR WORKS	<u>, 1</u>	18,064,332.00			
ADDRESS						
SIGNATURE						
DATE						
NAME OF WITNESS						

ADDRESS.....

	No. CC/1
DATE	
SIGNATURE	

Page No. GS/ 1