



HUDUMA YANGU FURAHA YANGU

Building Plan



hudumayangufurahayanguorg@gmail.com

www.hyfy2020.com

+255 755-387-084 +255 658-387-084

This is a drawing of the building for Huduma Yangu Furaha Yangu organization.

The drawing is complete; showing office, classes for livelihood skills training to beneficiaries, meeting hall, dormitories and volunteers' apartments, kitchen, latrines bathrooms.

Please give your donation through Bank,

Account No: 42110021978

Account Name: Huduma Yangu Furaha Yangu

Bank Name: National Microfinance Bank (NMB)

M- PESA +255755387084

TIGO PESA +255658387084

so that we can complete the building and serve our community better.

3/1/3

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	CONCRETE WORK				
	Plain Concrete Grade "15"				
A	50mm Blinding	170	mz	12,500.0	2,125,000 .00
B	150mm thick to bed	407	mz	42 ,000.0	17,094 ,000 .00
	Reinforced concrete grade 20 including vibration around reinforcement				
C	Steps	10	m3	250 ,000.0	2,500 ,000 .00
	Reinforced concrete grade '25' including vibration around reinforcement				
D	Column footing	12	m3	300 ,000.0	3,600 ,000.00
E	Strip footing	30	m3	250 ,000.0	7,500 ,000 .00
F	Columns	2	m3	300 ,000.0	600 ,000.00
G	Ground beams	13	m3	300 ,000.0	3,900 ,000 .00
	High tensile steel square twisted bar reinforcement to BS 4461 :1969				
H	16mm diameter	6,424	Kg	3 ,000.0	19,272 ,000 .00
J	8mm diameter	1,606	Kg	3 ,000.0	4,818 ,000 .00
	Sawn formwork to:				
K	Vertical sides of column bases	40	mz	20 ,000.0	800 ,000.00
L	Vertical sides of columns	30	mz	20 ,000.0	600 ,000.00
M	Vertical sides of round columns	10	mz	20 ,000.0	200 ,000.00
P	Sides of ground beams	110	mz	20 ,000.0	2,200 ,000 .00
Q	Vertical edges of ramps over 150 but not exceeding 225mm high	48	m	4 ,500.0	216 ,000.00
	Damp-proof Courses				
R	1000 Gauge Hessian based damp proof course; 230mm wide laid horizontal with 150mm laps	184	m	2,500.0	460 ,000.00
S	1000 Gauge UPVC damp proof membrane laid On top of hardcore	367	mz	3,000.0	1,101,000.00
T	230mm blockwok wall	221	mz	28 ,000.0	6,188,000 .00
	To Collection			TSHS	73,174,000 .00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NR 2: FRAME				
	CONCRETE WORK				
	Reinforced concrete grade '25' including vibrating around reinforcement				
A	Columns	18	m3	280,000	5,040,000.00
B	Horizontal beams	62	m3	280,000	17,360,000.00
C	150mm Thick horizontal suspended slab	814	m	49,000	39,886,000.00
	High tensile steel square twisted bar reinforcement to BS 4461:1969				
D	16mm diameter	7,616	Kg	3,000	22,848,000.00
E	12mm diameter	8,547	Kg	3,000	25,641,000.00
F	8mm diameter	1,904	Kg	3,000	5,712,000.00
	Sawn formwork to:				
G	Vertical or battering sides of columns	267	m2	20,000	5,340,000.00
J	Sides and soffits of horizontal beams	623	m2	20,000	12,460,000.00
K	Horizontal soffits of suspended and roof slab	814	m2	20,000	16,280,000.00
	ELEMENT NR.2 FRAME CARRIED TO SUMMARY OF BILL NR. 2			TSHs	150,567,000.00

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	ELEMENT NR. 3: STAIRS				
	CONCRETE WORK:				
	Reinforced concrete grade '25' including vibrating around reinforcement				
A	Stairs	15	m3	280,000.00	4,200,000.00
B	Landing beam	1	m3	280,000.00	280,000 .00
C	150mm Landing	6	m2	42,000.00	252,000 .00
	High tensile steel square twisted bar reinforcement to BS 4461 :1969				
D	16mm diameter	85	Kg	3,000.00	255,000.00
E	12mm diameter	1,120	Kg	3,000.00	3,360,000.00
F	8mm diameter	22	Kg	3,000.00	66,000.00
	Sawn Formwork to:				
G	Sloping soffits of sloping staircase	10	m2	20,000.00	200,000 .00
H	Soffits of Landing	6	m2	20,000 .00	120,000.00
J	Sides and soffit of landing beam	6	m2	20,000 .00	120,000.00
K	Vertical risers over 75mm but not exceeding 150mm high	53	m	3,000.00	159,000.00
	Crome plated baluster fixed as per specialist and to architect approval				
L	1200mm High balustrade	16	m	90,000.00	1,440,000.00
	ELEMENT NR. 3; STAIRS, CARRIED TO SUMMARY OF BILL NR. 3			TShs	10,452,000 .00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
C	ELEMENT NR 4: WALLS				
	Solid concrete blocks to B.S. 2028 type 'A' bedded, jointed in cement mortar (1:4)				
	230mm Wall	1570	m2	30,000.00	47,100,000.00
	ELEMENT NR4: WALLS CARRIED TO SUMMARY OF BILL NR. 3				47,100,000.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT No. 5: ROOFING				
	Roof covering				
	<u>Corrugated aluminium roofing sheets; gauge 28; as manufactured bllALAF or other manufacturer or other equal and a1rnroved manufacturer; la1rned one and a half corrugated side laps and 150mm end laps</u>				
C	Roof covering sloping not exceeding 45 degrees from horizontal	582	SM	18,500.00	10,767,000.00
D	Ridge capping; 320 mm girth	52	LM	12,500.00	650,000.00
	Roof structure				
	<u>Sawn softwood pressure impregnated with preservative</u>				
C	50 x 100mm Rafter	406	LM	5,000.00	2,030,000.00
D	50x 100mm Wall plate	212	LM	5,000.00	1,060,000.00
E	50x 100mm Tiebeam	352	LM	5,000.00	1,760,000.00
F	50mm x 100mm Strut & Ties	799	LM	5,000.00	3,995,000.00
G	50mm x 50mm Purlins	582	LM	3,000.00	1,746,000.00
	Roof drainage				
K	100mm Half round gutter curved to 1.1 metres radius supported by mild steel fascia brackets screwed to timber.	52	LM	14,000.00	728,000.00
L	Stopped end	9	NR	8,000.00	72,000.00
M	Nozzle outlet	9	NR	8,500.00	76,500.00
	PVC pipes as manufactured bll PLASCO DAR ES SALAAM				
N	100mm Pipe with standard holderbats fixed on blockwork	40	LM	12,000.00	480,000.00
p	Shoe	9	NR	8,500.00	76,500.00
	ELEMENT NR 5 - ROOFING CARRIED TO SUMMARY OF BILL NR. 3			TSHS	23,441,000 .00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NR 6: DOORS				
	Joinery				
	Prime <u>quality mninga</u> or other <u>equal</u> and <u>approved</u> hardwood				
	Panel door				
A	45mm panelled door size 900 x 2750 mm into double leave divided in five equal panels, comprising 45 x 100mm stiles, top and middle rails and 45 x 200mm bottom rail, panel filled in with and including 25mm thick hard wood panels	24	NO	320,000.00	7,680,000.00
B	45mm panelled door size 800 x 2750 mm into single leave divided in five equal panels, comprising 45 x 100mm stiles, top and middle rails and 45 x 200mm bottom rail, panel filled in with and including 25mm thick hard wood panels	21	NO	220,000.00	4,620,000.00
C	45mm panelled door size 750 x 2400 mm into leaves divided in five equal panels, comprising 45 x 100mm stiles, top and middle rails and 45 x 200mm bottom rail, panel filled in with and including 25mm thick hard wood panels	16	NO	175,000.00	2,800,000.00
	Frames and finishings				
D	50 x 150mm Frame with one labours fixed to grounds (measured separately)	270	LM	8,500.00	2,295,000.00
E	35 x 35mm Architrave	270	LM	5,000.00	1,350,000.00
F	15 x 25mm Splayed glazing beads	95	LM	3,500.00	332,500.00
	Glazing				
	5mm Polished clear <u>plate glass</u>				
G	Panes over 0.50 but not exceeding 1.00 square metres	25	SM	10,000.00	250,000.00
	Ironmongery				
	<u>Supply and fix the following ironmongery to hardwood with matching screws to "Union" reference or other equal and approved</u>				
H	Three levers mortice lockset complete with furniture	30	NO	35,000.00	1,050,000.00
J	Two levers mortice lockset complete with furniture	15	NO	22,500.00	337,500.00
K	100mm stainless steel	32	PRS	12,000.00	384,000.00
L	150mm Aluminium butt hinges	36	PRS	15,000.00	540,000.00
M	25mm Diameter floor mounted rubber door stopper	45	NO	10,000.00	450,000.00
	ELEMENT NR 6 - DOORS CARRIED TO SUMMARY OF BILL NR. 3			TSHS	22,089,000.00

3/7/1

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NR 8: FINISHING				
	INTERNAL WORK				
	INSITU FINISHING				
	Plastering in two coats steel trowelled to smooth finish				
A	15mm to Walls	4710	m2	5,500.00	25,905,000.00
B	15mm to Columns	267	m2	5,500.00	1,468,500.00
C	15mm to beams	623	m2	5,000.00	3,115,000.00
D	To horizontal suspended slab	814	m2	5,000.00	4,070,000.00
	TILES, SLABS AND BLOCK FINISHING				
	Porcelain floor tiles size 400 x 400 x 8mm thick, fixed to backing with adhesive and grouting joints with matching cement paste				
E	Floors and paving	1225	m2	35,000.00	42,875,000.00
F	To landing	6	m2	35,000.00	210,000.00
G	To riser 150mm wide	53	m	5,250.00	278,250.00
H	To Tread 300mm wide	48	m	10,500.00	504,000.00
J	Sloping side of stair	16	m	10,000.00	160,000.00
	Skirting				
K	100mm High tiles skirting	565	m	4,000.00	2,260,000.00
	Ceramic floor tiles size 400 x 400 x 8mm thick, fixed to backing with adhesive and grouting joints with matching cement paste				
L	Floors and paving	72	m2	35,000.00	2,520,000.00
	Glazed ceramic wall tiles with cushion edges to Bs 1281 fixed to backings with adhesive and pointing with white cement				
M	600 x 300 x 6mm Tiling to walls	100	m2	25,000.00	2,500,000.00
	Beds and Backings				
	Cement and sand (1:4) wood floated surface finish				
N	32mm Bed to receive floor tiles	1225	m2	5,500.00	6,737,500.00
P	9mm Backing to receive wall tiles	100	m2	5,500.00	550,000.00
	To collection			TSHS	93,153,250.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Ceilina finish				
A	10mm Thick gypsum ceiling fixed to brandering (measured sepa rately)	407	m2	25,000.00	10,175,000
B	Gypsum cornice	565	m	6,500.00	3,672,500.00
	Brander ing				
C	50 x 50mm softwood brandering spaced at 600mm center to center	1,831	m	4,000	7,324,000
	EXTERNAL WORK				
	INSITU FINISHING				
	Rendering in two coats steel trowelled to smooth finish				
D	15mm To Walls	1107	m2	5,500.00	6,088,500.00
	TILES, SLABS AND BLOCK FINISHING				
	Porcelain floor tiles size 400 x 400 x 8mm thick, fixed to backing with adhesive and grouting joints with matching cement paste				
E	Floors and paving	475	m2	35,000.00	16,625,000.00
F	To tread 613 mm wide of floor steps	65	m2	21,455.00	1,394,575.00
G	To riser 150mm wide of floor steps	116	m	5,250.00	609,000.00
H	To tread 300mm wide of floor steps	105	m	10,500.00	1,102,500.00
	Balustrades				
J	1200mm High alluminium steel alloyed coated with brass chromium finish ballustrades	16	m	90,000.00	1,440,000.00
	To collection			TSHS	48,431,075.00
	COLLECTION				
	Page 3/8/1				93,153,250.00
	Page 3/8/2				48,431,075.00
	ELEMENT NR 8: FINISHING CARRIED TO SUMMARY OF BILL NR. 3			TSHS	141,584,325.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NR 9 - DECORATIONS				
	INTERNAL WORK				
	Prepare and apply one thinned coat and two full coats of approved Acrylic silk paint to				
A	To plastered walls	4710	m2	5,000.00	23,550,000.00
B	To plastered columns	267	m2	5,000.00	1,335,000.00
C	To plastered beams	623	m'	5,000.00	3,115,000.00
D	To soffits of slabs	814	m'	5,000.00	4,070,000.00
	Prepare and apply one thinned coat and two full coats of approved Emulsion paint to				
E	Gypsum ceiling	407	m2	5,000	2,035,000
	Prepare and apply three coats of Polyurethane varnish on wood surfaces				
F	Frame and the like over 100mm but not exceeding 200mm girth	270	m	1,000.00	270,000.00
G	General wood surfaces	107	m'	3,500.00	374,500.00
	EXTERNAL WORK				
	Prepare and apply three coats of approved external weatherguard paint				
H	To Rendered wall	1107	m2	5,000.00	5,535,000.00
	ELEMENT NR. 9; DECORATIONS CARRIED TO SUMMARY OF BILL NR. 3			TSHS	40,284,500.00

4/1

SUMMARY OF BILL NR. 3; MEASURED WORK

ITEM	DESCRIPTION	PAGE	AMOUNT
A	ELEMENT 1 - SUBSTRUCTURE	3/1/4	84,840,700.00
B	ELEMENT 2 - FRAME	3/2/2	150,567,000.00
C	ELEMENT 3 - STAIR	3/3/1	10,452,000.00
D	ELEMENT 4 - WALLS	3/4/1	47,100,000.00
E	ELEMENT 5 - ROOF	3/5/1	23,441,000.00
F	ELEMENT 6 - DOORS	3/6/1	22,089,000.00
G	ELEMENT 7 - WINDOWS	3/7/1	19,047,000.00
H	ELEMENT 8 - FINISHINGS	3/8/2	141,584,325.00
J	ELEMENT 9 - DECORATIONS	3/9/1	40,284,500.00
K	ELEMENT 10 - EXTERNAL WORKS	ITEM	50,000,000.00
BILL NR.3 CARRIED TO GENERAL SUMMARY		TSHS	589,405,525.00