

**BILL OF QUANTITY FOR FOUR HOUSES AT ECONEF ORPHANAGE MIKUUNI, KING'ORI FOR DAY CARE CENTRE**

DESCRIPTION	QTY	UNIT	RATE: USD -1 EXCHANGE RATE 2,309.00		AMOUNT	
			Tsh.	USD	Tsh.	USD
<b>SITE CLEARANCE AND SETTING OUT</b>						
Timber for profile 2" x 2"	180	meters	2,800	1.21	504,000	218.28
Manila line	10	pcs	1,000	0.43	10,000	4.33
Clear the site by removing shrub	4	items	100,000	43.31	400,000	173.24
Nail size 3"	10	KG	3,000	1.30	30,000	12.99
Nail size 2"	9	kg	3,000	1.30	27,000	11.69
Setting cost	1	items	300,000	129.93	300,000	129.93
<b>SUB TOTAL</b>			<b>409,800</b>	<b>177.48</b>	<b>1,271,000</b>	<b>550.45</b>
				<b>18%</b>	<b>228,780</b>	<b>99.08</b>
<b>TOTAL</b>					<b>1,499,780</b>	<b>649.54</b>
<b>FOUNDATION MATERIAL</b>						
Excavation of trench	1	item	3,500,000	1,515.81	3,500,000	1,515.81
Removal of unwanted soil	1	item	1,500,000	649.63	1,500,000	649.63
Cement	840	bags	20,000	8.66	16,800,000	7,275.88
Hard stone	42	lory Trips	180,000	77.96	7,560,000	3,274.14
Fine sand	14	lory Trips	960,000	415.76	13,440,000	5,820.70
Gravel	12	lory Trips	875,000	378.95	10,500,000	4,547.42
Concrete blocks 6"	6500	Block	1,800	0.78	11,700,000	5,067.13
Wire mesh	350	pcs	17,000	7.36	5,950,000	2,576.87
Binding wire	7	Roll	75,000	32.48	525,000	227.37
Round Bars 12 mm	388	pcs	20,000	8.66	7,760,000	3,360.76
Saw	4	pcs	17,000	7.36	68,000	29.45
beetle (sururu)	8	pcs	12,000	5.20	96,000	41.58
Spade	12	pcs	10,000	4.33	120,000	51.97
Pipe level	2	pcs	10,500	4.55	21,000	9.09
Stone Hammer	1	pcs	65,000	28.15	65,000	28.15
Round Bars 6mm	96	pcs	7,500	3.25	720,000	311.82
Wheel barrow	2	pcs	250,000	108.27	500,000	216.54
Small tin	20	pcs	3,000	1.30	60,000	25.99
Compact Soil	16	lory Trips	560,000	242.53	8,960,000	3,880.47
Timber for formwork 10" x 1"	90	pcs	7,500	3.25	675,000	292.33
Transport material	1	item	300,000	129.93	300,000	129.93
Labor cost	4	item	4,500,000	1,948.90	18,000,000	7,795.58
<b>SUB TOTAL</b>			<b>12,891,300</b>	<b>5,583.07</b>	<b>108,820,000</b>	<b>47,128.63</b>

				18%	19,587,600	8,483.15
<b>TOTAL</b>					128,407,600	55,611.78
<b>WALLING</b>						
DPC Material	2	Roll	130,000	56.30	260,000	112.60
Burnt Bricks	25000	Bricks	550	0.24	13,750,000	5,954.96
Cement	548	Bags	20,000	8.66	10,960,000	4,746.64
Sand	4	Lory trips	960,000	415.76	3,840,000	1,663.06
Gravels	3	Lory trips	875,000	378.95	2,625,000	1,136.86
Round bars 12mm	160	pcs	20,000	8.66	3,200,000	1,385.88
Round bars 6mm	96	pcs	7,500	3.25	720,000	311.82
Timber for formwork 6" x 1"	190	meters	3,000	1.30	570,000	246.86
Timber for formwork 10" x 1"	220	meters	6,500	2.82	1,430,000	619.32
Nail size 4"	20	kg	3,000	1.30	60,000	25.99
Nails size 3"	5	kg	3,000	1.30	15,000	6.50
Nail size 2.5"	4	kg	3,000	1.30	12,000	5.20
Binding wire	60	kg	3,000	1.30	180,000	77.96
Transport	1	item	220,000	95.28	220,000	95.28
Labor cost	4	item	4,000,000	1,732.35	16,000,000	6,929.41
<b>SUB TOTAL</b>			6,254,550	2,708.77	53,842,000	23,318.32
				18%	9,691,560	4,197.30
<b>TOTAL</b>					63,533,560	27,515.62
<b>ROOFING</b>						
G I Sheet 28G 7M @ running Tsh 9333	340	meters	65,331	28.29	22,212,540	9,619.98
Lader	1	pcs	650,000	281.51	650,000	281.51
Roofing Nail	50	kg	6,000	2.60	300,000	129.93
Nail 6"	120	kg	3,000	1.30	360,000	155.91
Nail 4"	160	kg	3,000	1.30	480,000	207.88
Nails 3"	80	kg	3,000	1.30	240,000	103.94
Nails 2.5"	24	kg	3,000	1.30	72,000	31.18
Timber size 3" x 2" running m 5	1055	pcs	4,000	1.73	4,220,000	1,827.63
Timber size 6" x 2" running m 5	1000	pcs	6,850	2.97	6,850,000	2,966.65
Fisherboard 10" x 1" running m 5	230	pcs	6,700	2.90	1,541,000	667.39
4" x 2" running m 5 (pcs 150)	750	pcs	6,500	2.82	4,875,000	2,111.30
Chicken wire	220	meters	3,000	1.30	660,000	285.84
Mosquito net	220	meters	3,000	1.30	660,000	285.84
Sisal pole bundles@12	2400		1,500	0.65	3,600,000	1,559.12
Flat Galvanised iron sheet	75	pcs	55,000	23.82	4,125,000	1,786.49
Transport	1	item	300,000	129.93	300,000	129.93
Labor cost	4	item	3,000,000	1,299.26	12,000,000	5,197.06

SUB TOTAL			3,404,550	1,784.27	63,145,540	27,347.57
				18%	11,366,197	4,922.56
<b>TOTAL</b>					74,511,737	32,270.13
<b>FITTINGS</b>						
External and Internal doors						
External door frame and shutter complete with lock and hinges size 150cm * 220cm	3	doors	1,173,666	508.30	3,520,998	1,524.90
Internal door frames and shutter complete with lock and hinges size 90cm * 220cm	8	doors	550,000	238.20	4,400,000	1,905.59
Windows grill except glasses and handle	32	windows	218,750	94.74	7,000,000	3,031.62
Water Tank 5,000 lts	1	Tank	920,000	398.44	920,000	398.44
Water Gutter	28	pcs	45,000	19.49	1,260,000	545.69
Gulvanised pipe 6"	4	pipe	850,000	368.12	3,400,000	1,472.50
gulvanised pipe 4"	4	pipe	330,000	142.92	1,320,000	571.68
PVC Roll 3/4	2	pipe	90,000	38.98	180,000	77.96
Solar heater	1	pcs	2,800,000	1,212.65	2,800,000	1,212.65
Toilet European	1	pcs	485,000	210.05	485,000	210.05
Toilet Asian	3	pcs	22,000	9.53	66,000	28.58
Toilet Basin	1	pcs	30,000	12.99	30,000	12.99
Kitchen Sink	1	pcs	150,000	64.96	150,000	64.96
PVC PIPE 4"	10	pipe	45,000	19.49	450,000	194.89
Transport	1		300,000	129.93	300,000	129.93
labor cost	4		1,350,000	584.67	5,400,000	2,338.67
SUB TOTAL			9,359,416	4,053.45	31,681,998	13,721.09
				18%	5,702,760	2,469.80
<b>TOTAL</b>					37,384,758	16,190.89
<b>WIRERING ELECTRICAL FIXING ONLY</b>						
Conduit pipe	200	pcs	2,500	1.08	500,000	216.54
Square Box	50	pcs	1,500	0.65	75,000	32.48
Main Switch	1	pcs	120,000	51.97	120,000	51.97
Electrical cable 1.5	2	roll	150,000	64.96	300,000	129.93
Electrical cable 2.5	1	roll	250,000	108.27	250,000	108.27
Switch	4	pcs	4,500	1.95	18,000	7.80
Labor Charge	1	item	800,000	346.47	800,000	346.47
SUB TOTAL			1,328,500	575.36	2,063,000	893.46
				18%	371,340	160.82
<b>TOTAL</b>					2,434,340	1,054.28
				-	-	-

<b>FINISHING</b>				-	-	-
<b>INTERNAL PLASTA AND FLOOR FINISHING</b>				-	-	-
Cement	279	Bags	20,000	8.66	5,580,000	2,416.63
Sand	2	lory Trips	960,000	415.76	1,920,000	831.53
Floor tiles	38	boxes	28,000	12.13	1,064,000	460.81
Wall tiles	145	boxes	18,500	8.01	2,682,500	1,161.76
Transport	1	item	90,000	38.98	90,000	38.98
Labor Charge	4	houses	900,000	389.78	3,600,000	1,559.12
<b>SUB TOTAL</b>			<b>2,016,500</b>	<b>873.32</b>	<b>14,936,500</b>	<b>6,468.82</b>
				18%	2,688,570	1,164.39
<b>TOTAL</b>					<b>17,625,070</b>	<b>7,633.20</b>
<b>FURNITURE</b>						
Office Table	2	table	660,000	285.84	1,320,000	571.68
Teachers Table	2	table	220,000	95.28	440,000	190.56
Office cupboard	1	cupboard	550,000	238.20	550,000	238.20
Desks	30	Desks	150,000	64.96	4,500,000	1,948.90
Dinning Table	5	Table	545,000	236.03	2,725,000	1,180.16
Shelves	3	shelves	750,000	324.82	2,250,000	974.45
Disabled chair	2	chair	120,000	51.97	240,000	103.94
Table for small children	2	Table	250,000	108.27	500,000	216.54
<b>SUB TOTAL</b>			<b>3,245,000</b>	<b>1,405.37</b>	<b>12,525,000</b>	<b>5,424.43</b>
				18%	2,254,500	976.40
<b>TOTAL</b>					<b>14,779,500</b>	<b>6,400.82</b>
<b>WALL AROUND 4 HOUSES WITH BURNT BRICKS</b>						
Escavate trench	100	meters	3,000	1.30	300,000	129.93
Cement for base and motor joint	80	bags	20,000	8.66	1,600,000	692.94
Volcanic sand	3	lory Trips	560,000	242.53	1,680,000	727.59
Fine sand	4	lory Trips	1,000,000	433.09	4,000,000	1,732.35
Round bars 12mm for columns	100	pcs	20,000	8.66	2,000,000	866.18
Round bars 6mm stirrups	60	pcs	6,500	2.82	390,000	168.90
Binding wire	10	kg	3,000	1.30	30,000	12.99
Formwork size 10" x 1"	25	meters	5,600	2.43	140,000	60.63
Nails 3"	8	kg	3,000	1.30	24,000	10.39
Burnt Bricks	4000	Bricks	550	0.24	2,200,000	952.79
Transport of material	1	item	300,000	129.93	300,000	129.93
Labor Cost	1		4,000,000	1,732.35	4,000,000	1,732.35
<b>SUB TOTAL</b>			<b>5,921,650</b>	<b>2,564.60</b>	<b>16,664,000</b>	<b>7,216.98</b>
				18%	2,999,520	1,299.06
<b>TOTAL</b>					<b>19,663,520</b>	<b>8,516.03</b>
<b>COURT YARD 50 M2</b>						
Removal of top soil	60	M2	1,500	0.65	90,000	38.98
Compact soil	3	M3	560,000	242.53	1,680,000	727.59

Compactor machine per day	2	days	140,000	60.63	280,000	121.26
Fine sand	4	M3	250,000	108.27	1,000,000	433.09
Tanga Stone	3	M3	1,000,000	433.09	3,000,000	1,299.26
Cement for motor joint	10	Bags	20,000	8.66	200,000	86.62
Wheelbarrow	2	item	250,000	108.27	500,000	216.54
Germstone	150	pcs	6,000	2.60	900,000	389.78
Labor Charge	1		2,500,000	1,082.72	2,500,000	1,082.72
<b>SUB TOTAL</b>			<b>4,727,500</b>	<b>2,047.42</b>	<b>10,150,000</b>	<b>4,395.84</b>
				18%	1,827,000	791.25
<b>TOTAL</b>					<b>11,977,000</b>	<b>5,187.09</b>
<b>TANGA STONE AROUND BUILDING 18M2</b>						
Removal of top soil	200	M2	1,500	0.65	300,000	129.93
Supply of morum	9	M3	160,000	69.29	1,440,000	623.65
Compactor machine per day	2	days	140,000	60.63	280,000	121.26
Fine sand	4.5	M3	250,000	108.27	1,125,000	487.22
Tanga stone	6	M3	1,000,000	433.09	6,000,000	2,598.53
Cement for motor joint	10	Bags	20,000	8.66	200,000	86.62
PVC pipe 4"	10	pcs	45,000	19.49	450,000	194.89
Labor Charge	1	item	2,730,000	1,182.33	2,730,000	1,182.33
Inside the circle around 6-8 met	1	item	300,000	129.93	300,000	129.93
Soil for plantation	6	M3	160,000	69.29	960,000	415.76
Volcanic stones for plantation	7	M3	160,000	69.29	1,120,000	485.06
Ground cover plants	12	M2	42,000	18.19	504,000	218.28
Brick bench around plantation	5	m	150,000	64.96	750,000	324.82
Working manpower	1	item	3,000,000	1,299.26	3,000,000	1,299.26
Pegular concrete or steel or wo	1	item	5,800,000	2,511.91	5,800,000	2,511.91
Plant for pegular (Bogavilian)	14	pcs	200,000	86.62	2,800,000	1,212.65
Soilwork for water runoff	60	M3	20,000	8.66	1,200,000	519.71
Supply and fix Gutter grid	150	m	10,000	4.33	1,500,000	649.63
Labor Charge	1		2,150,000	931.14	2,150,000	931.14
<b>SUB TOTAL</b>			<b>16,338,500</b>	<b>7,076.01</b>	<b>32,609,000</b>	<b>14,122.56</b>
				18%	5,869,620	2,542.06
<b>TOTAL</b>					<b>38,478,620</b>	<b>16,664.63</b>
<b>GRAND TOTAL</b>						
FOUNDATION					128,407,600	55,611.78
WALLING					63,533,560	27,515.62
ROOFING					74,511,737	32,270.13
FITTINGS					37,384,758	16,190.89
WIRERING ELECTRICITY FIXING					2,434,340	1,054.28

FINISHING INTERNAL EXTERNAL PLASTA					17,625,070	7,633.20
FURNITURE					14,779,500	6,400.82
WALL AROUND 4 HOUSES					19,663,520	8,516.03
COURT YARD					11,977,000	5,187.09
TANGA STONE AROUND BUILDING					38,478,620	16,664.63
<b>FINAL GRAND TOTAL</b>					<b>408,795,705</b>	<b>177,044.48</b>