

THE UNITED REPUBLIC OF TANZANIA



PRESIDENT'S OFFICE  
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

## PROPOSED STANDARD COUNCIL LEVEL HOSPITALS

---

Schedule of Material, Labour & Drawings for Main Store

---

### PROJECT AREA

#### TANZANIA MAINLAND

Ministry of Health, Community  
Development, Gender, Elderly and Children,  
University of Dodoma,  
College of Humanities,  
& Social Science 11<sup>th</sup> Building,  
P. O. Box 743,  
40478 DODOMA.

President's Office,  
Regional Administration,  
& Local Government,  
Mkapa House,  
Mlezi Road,  
P. O. Box 1923,  
41185 DODOMA.

# **Schedule of Material**

ITEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
	<b><u>MATERIALS</u></b>				
<b>A</b>	<b>SUB-STRUCTURE - PROVISIONAL</b>				
1	<b><u>Strip Foundation - Grade 15 Plain</u></b>				
	Aggregate (3/4")	19	M <sup>3</sup>		
	Sand	10	M <sup>3</sup>		
	Cement-50kgs	86	Bags		
2	<b><u>Foundation Walls</u></b>				
	6" Cement & Sand Block	1,387	No		
	Sand	5.0	M <sup>3</sup>		
	Cement -50kgs	25	Bags		
3	<b><u>Moram, Hardcore &amp; Site sterilization</u></b>				
	Moram (4.5m <sup>3</sup> lorry)	14	Trips		
	Hadcore (4.5m <sup>3</sup> lorry)	10	Trips		
	Sand	11	M <sup>3</sup>		
	Aldrin solution or equal and approved (Diluted)	209	Litres		
4	<b><u>Oversite Concrete (100mm thick - 15 grade) &amp; Ground Beam - 20 grade and column base</u></b>				
	DPM	209	M <sup>2</sup>		
	Cement -50kgs	175	Bags		
	Aggregates (1/2")	30	M <sup>3</sup>		
	Sand	15	M <sup>3</sup>		
	Reinforcement - 16mm diameter high tensile	9	PC'S		
	Reinforcement - 12mm diameter high tensile	42	PC'S		
	Reinforcement - 8mm diameter	45	PC'S		
	Timber 1" X 8 " (5.2m long)	10	PC'S		
	Timber 2" X 2"	8	PC'S		
	Nails-4"	8	Kgs		
	Nails-3"	8	Kgs		
	Supporting props	10	PC'S		
	<b>SUB-TOTAL SUBSTRUCTURE</b>				

ITEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
<b>B.</b>	<b>SUPERSTRUCTURE</b>				
1	<b><u>Walls &amp; Ring beam &amp; Columns</u></b>				
	6" Cement & Sand Block	3,148	No		
	Cement & Sand hollow Block	0	No		
	DPC (20m long)	6	Roll		
	Sand	17	M <sup>3</sup>		
	Cement-50kgs	142	Bags		
	Aggregates (1/2")	9	M <sup>3</sup>		
	Reinforcement - 12mm diameter high tensile	22	PC'S		
	Reinforcement - 8mm diameter	38	PC'S		
	Binding Wire - 1kg	8	Bundle		
	Timber 1" X 8" to Sides (5.2m long)	17	PC'S		
	Timber 1" X 5" (Plates)	8	PC'S		
	Timber 2" X 2"	5	PC'S		
	Supporting Props	20	PC'S		
	<b>SUB-TOTAL SUPER STRUCTURE</b>				
<b>C.</b>	<b>ROOF STRUCTURE &amp; COVERING</b>				
1	<b><u>Roof Structure - Provisional</u></b>				
	Timber 2 " X 3" Purlins	600	FT		
	Timber 2" X 4" King Post, wall plate and struss	1,197	FT		
	Timber 2" X 6" Rafter and Tie beam	1,218	FT		
	Fascia board 1" X 10" (5.2m long)	13	PC'S		
	Nails -5"	39	Kgs		
	Nails -4"	26	Kgs		
	Nails -3"	13	Kgs		
	<b>NOTE:</b> The above softwood timber structure should be pressure impregnated treated				
2	<b><u>Roof Covering -as per ALAF or other equal and approved</u></b>				
	28G IT5 resincoated sheet	339	M <sup>2</sup>		
	Hips/Ridge and valley - 28 G	10	PC'S		
	Roofing Nails	20	Packet		
	<b>TO COLLECTION</b>			<b>C/F</b>	

ITEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
	<b>ROOF STRUCTURE &amp; COVERING CONT...</b>				
				<b>B/F</b>	
1	<b>Gutter's</b>				
	Upvc 125mm half round (6m long)-5"	10	PC'S		
	Upvc 75mm diametre down pipe; Class B	3	PC'S		
	PVC outlet	3	PC'S		
	PVC bend 90'	3	PC'S		
	PVC bend 45'	6	PC'S		
	Gutter support bracket	45	PC'S		
	Gutter Clamp 3"	9	PC'S		
	Connector/reducer	9	PC'S		
	Gutter corner 90'	2	PC'S		
	<b>SUB-TOTAL ROOF STRUCTURE &amp; COVERING</b>				
<b>E.</b>	<b><u>CEILING</u></b>				
	Gypsum board -9mm thick	74	PC'S		
	Plain Cornice (8ft)	138	PC'S		
	Gypsum Screw 1" 800pcs/box	7	Box		
	Screw 1.25" 800pcs/box	16	Box		
	Gypsum powder	17	Bags		
	Fibre tape	2	Pcs		
	Treated softwood Timber 2" X 2"	2,850	FT		
	Nails 4"	20	Kgs		
	Nails 3"	13	Kgs		
	<b>SUB-TOTAL FOR CEILING</b>				

ITEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
<b>F.</b>	<b>DOOR</b>				
	1200 x2100mm high Multlock security door complete with Iron mongery , frame and all associated accessories	2	PC'S		
	<b>METAL DOOR</b>				
	3000 X 3530mm Steel Roller shutter door complete with iron Mongery and all accessories	3	PC'S		
2	<b><u>40mm thick hardwood panned door shutter</u></b>				
	900 x 2100 mm high	1	PC'S		
	1000 x 2100mm high	3	PC'S		
3	<b><u>Frames (hardwood),Varnish, Glass &amp; Burglar bar</u></b>				
	900 x 2750 mm high	1	PC'S		
	1000 x 2750mm high	3	PC'S		
	5mm thick clear glass to Vents				
	1000 x 1000mm high	3	PC'S		
	Brush 3"	4	Pcs		
	Sand paper (msasa) No.80	6	LM		
	Clear Varnish - 4Litres	3	TIN		
	Thinner for Varnish -4Litres	3	Litres		
3	<b><u>IronMongeris ; ref union</u></b>				
	Mortice lock Three lever	6	No		
	Brass hinges - 100mm	9.0	Pairs		
	Wood Screw	3	Box		
	Pushing plate	1	Pcs		
	<b>SUB-TOTAL FOR DOORS</b>				

ITEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
<b>G.</b>	<b>WINDOWS</b>				
1	<b><u>Supply and fix Aluminium Windows 2mm thick frame with 5mm thick glass, Mosquitor gauze ironmongeries and all necessary accessories</u></b>				
	1600 X 2100mm high (w1)	4	PC'S		
	1000 X 1200mm high (w3)	1	PC'S		
	2800 X 900mm high (w2)	9	PC'S		
2	<b><u>Supply and fix 4mm thick flat bar grill painted red-oxide</u></b>				
	1600 X 2100mm high (w1)	4	PC'S		
	1000 X 1200mm high (w3)	1	PC'S		
	2800 X 900mm high (w2)	9	PC'S		
	<b>SUB-TOTAL FOR WINDOWS</b>				
<b>H.</b>	<b>FINISHING</b>				
1	<b><u>Floor finishing - (ratio 1:4)</u></b>				
	Sand	10	M <sup>3</sup>		
	Cement-50kgs	61	Bags		
	450 x 450 x 9mm Non slippery Porcelain floor tiles (1.44 Sqm/Box)	145	Box		
	Skirting (600 mm long; 25No/Box)	10	Box		
	Epoxy Grout (1kg/packet)	31	Packet		
	Spacer	16	Packet		
2	<b><u>Wall Finishing</u></b>				
	Sand	16	M <sup>3</sup>		
	Cement-50kgs	95	Bags		
	White cement - 50kg	29	Bags		
	Gypsum powder	44	Bags		
	200 x 300mm x 9mm thick ceramic wall tiles (0.97 Sqm/Box)	9	Box		
	Epoxy Grout (1kg/packet)	3	Packet		
	Hardwood shelves finished (3m)	24	Pcs		
	Aluminium shelves with clear sliding glass complete with all accessories	24	m2		
	Accessories including brackets, screws etc	20	Nr.		
	Sand paper Msasa No.120	1.0	Roll		
	<b>SUB-TOTAL FOR FINISHING</b>				

ITEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
<b>J.</b>	<b>PAINTING &amp; DECORATION</b>				
	Emulsion Paint - 20 LTRS	5	buckets		
	Weather guard Paint - 20 LTRS	2	buckets		
	Washable paint -20 LTRS	2	buckets		
	Primer paint -20 LTRS	2	buckets		
	Solvent - 5LTRS	2	TIN		
	Brush 3"	2	Pcs		
	Roller	2	Pcs		
	Gloss paint-4LTR	3	TIN		
	Bitumen paint - 4Litres	3	TIN		
	<b>SUB-TOTAL FOR PAINTING&amp;DECORATION</b>				



ITEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
<b>K.</b>	<b>ELECTRICAL INSTALLATION</b>				
1	Single flourescent fiiting, approved philips or equal	12	No		
2	Double flourescent fiiting, approved philips or equal	0	No		
3	Double switch sorcket	14	No		
4	Main switch 8way,3PH with intergral RCD as MEM or equal	1	No		
5	Single core wire 1.5sqmm -Red	300	m		
6	Single core wire 1.5sqmm -Black	300	m		
7	Single core wire 1.5sqmm -green	200	m		
8	Single core wire 2.5sqmm -Red	200	m		
9	Single core wire 2.5sqmm -Black	200	m		
10	Single core wire 2.5sqmm Green	200	m		
11	Ceilling fan, approved National or equal	4	PC'S		
12	16mmsq 4 core cable	14	M		
13	1gang one way switch	2	No		
14	2gang two way switch	7	No		
15	20A DP switch	0	No		
16	Lan socket	0	No		
17	Gypsum light complete with energy saver 18w	4	No		
18	Earth rod approved copper not less than 1200mm	1	No		
19	Earth wire 4sqmm	30	M		
20	Plastic clips (22mm)	3	BOX		
21	Conduit pipe	100	PC		
22	Square box metal	0	PC		
23	Metal box double	14	PC		
24	Metal box single	16	PC		
25	Round cover	50	PC		
26	Junction box	60	PC		
27	Elbow	50	PC		
28	Conduit coupling	50	PC		
29	Fine screw	5	Packet		
30	Round Box	30	PC		
31	TV Socket	0	PC		
	<b>SUB-TOTAL FOR ELECTRICAL INSTALLATION</b>				

ITEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
<b>L.</b>	<b>PLUMBING &amp; SANITARY INSTALLATION-PROVISIONAL</b>				
1	Polypipe 3/4"	10	M		
2	Flexible pipe	2	PcS		
3	IPS Elbow 1/2"	3	PC'S		
4	IPS Elbow 3/4"	2	PC'S		
5	Angle valve	3	PC'S		
6	IPS nipple 1/2"	1	PC'S		
7	IPS Tee 1/2"	2	PC'S		
8	IPS reducing socket 1" - 3/4"	0	PC'S		
9	IPS reducing bush 3/4" - 1/2"	1	PC'S		
10	IPS union 3/4"	1	PC'S		
11	Tee connector 3/4"	0	PC'S		
12	connector 3/4"	1	PC'S		
13	Connector 1"	1	PC'S		
14	Toilet shower (Shataf)	1	PC'S		
15	IPS socket 1/2"	0	PC'S		
16	Bib tape pex 1/2"	0	PC'S		
17	Stop cock pex '1"	0	PC'S		
18	Thread seal tape	5	PC'S		
19	PVC pipe 1 <sup>1/4</sup>	1	PC'S		
20	PVC tee 1 <sup>1/2</sup>	1	PC'S		
21	PVC bend 1 <sup>1/4</sup>	2	PC'S		
22	PVC plug 1 <sup>1/4</sup>	1	PC'S		
23	P- trap 4'	1	PC'S		
24	Tangit	1	TIN		
25	PVC socket with Female threads 1 <sup>1/4</sup> "	1	PC'S		
26	PVC socket with Female threads 1 <sup>1/2</sup> "	1	PC'S		
	<b>SUB-TOTAL FOR PLUMBING AND SANITARY INSTALLATION</b>				

<b><u>GENERAL SUMMARY</u></b>		<b>AMOUNT</b>
		<b>TZS</b>
	<b><u>MAIN STORE BLDG</u></b>	
A.	SUB-STRUCTURE -PROVISIONAL	
B.	SUPERSTRUCTURE	
C.	ROOF STRUCTURE & COVERING	
D.	CEILING	
E.	DOOR	
F.	WINDOWS	
G.	FINISHING	
H.	PAINTING & DECORATION	
J.	ELECTRICAL INSTALLATION	
K.	PLUMBING & SANITARY INSTALLATION-PROVISIONAL	
	<b>TOTAL MATERIALS COST</b>	<b>TZS</b>

# **Schedule of Labour**

Na.	AINA YA KAZI	BEI YA UFUNDI - Shs
<b>A</b>	<b><u>Msingi wa Jengo (Sub-structure)</u></b>	
1	Kusafisha eneo	
2	Kuseti jengo	
3	Uchimbaji wa msingi	
4	Kufukia	
	<b><u>Kufunga mbao</u></b>	
5	Pembezeni mwa jamvi	
6	Pembezeni mwa nguzo	
7	Kuondoa mbao	
	<b><u>Kumwaga zege</u></b>	
8	Chini kwenye msingi wa tofali	
9	Chini kwenye msingi wa nguzo	
10	katika nguzo ya awali	
11	kwenye jamvi	
12	Ujenzi wa tofali za msingi (1387 No)	
	<b><u>Mawe</u></b>	
13	Upangaji wa mawe na utandazaji wa DPM	
14	Umwagiliaji wa maji	
	<b>Jumla ndogo msingi wa jengo</b>	
<b>B.</b>	<b><u>Kunyanyua jengo (Super-structure)</u></b>	
1	Ujenzi wa tofali za kuta na uwekaji DPC (3148 No)	
	<b><u>Kufunga mbao katika:</u></b>	
2	Nguzo mlalo	
3	Nguzo wima	
	<b><u>Kusuka nondo katika:</u></b>	
4	Nguzo mlalo	
5	Nguzo wima	
	<b><u>Kumwaga zege katika:</u></b>	
6	Nguzo mlalo	
7	Nguzo wima	
8	Umwagiliaji wa maji	
<b>C.</b>	<b><u>Kuezeka (Roof structure and covering)</u></b>	
1	Kuezeka na ufungaji wa gata	
	<b>Jumla ndogo kunyanyua jengo</b>	

Na.	AINA YA KAZI	BEI YA UFUNDI - Shs
<b>D.</b>	<b><u>Milango</u></b>	
1	Kufitisha fremu za milango	
2	Kufitisha shata za milango pamoja na vitasa	
3	Upakaji wa Varnishi katika milango na fremu	
<b>E.</b>	<b><u>Umalizaaji (Finishing)</u></b>	
	<i>Upigaji wa lipu pamoja na kutengeneza koplo:</i>	
1	Nje ya jengo	
2	Ndani ya jengo	
	<b><u>Sakafu</u></b>	
3	Uwekaji wa sakafu ya kupokea vigae (beds)	
4	Uwekaji wa vigae pamoja na grauti katika sakafu (floor tiles) -	
	<b><u>Dali:</u></b>	
6	Ufungaji wa mbao za dali (Branding)	
7	Uwekaji wa dali na mikanda ya gypsum	
8	Uwekaji wa dali ya pvc kuzunguka nyumba kwa nje	
9	Uwekaji wa vigae katika kuta na upakaji grout	
	<b>Jumla ndogo umalizaaji(finishing)</b>	
<b>F.</b>	<b><u>Rangi na Mapambo (Painting &amp; Decoration)</u></b>	
	<b><u>Kupaka rangi mikono mitatu pamoja na skimming katika:</u></b>	
1	Kuta za nje	
2	Kuta za ndani	
3	Dali	
	<b><u>Kupaka rangi mikono mitatu katika:</u></b>	
4	Msingi wa nyumba	
5	Grill za milango na madirisha	
	<b>Jumla ndogo Rangi na mapambo</b>	
<b>G.</b>	<b><u>Umeme (Electrical installation)</u></b>	
1	Usukaji wa umeme awamu ya kwanza - Conduit na Box	
2	Usukaji wa umeme awamu ya pili (2nd fix)-fittings	
	<b>Jumla ndogo Umeme</b>	

Na.	AINA YA KAZI	BEI YA UFUNDI - Shs
H.	<b><u>Mifumo ya maji safi na taka (Water Supply and Sewage system)</u></b>	
1	Ufungaji bomba awamu ya kwanza (Kuchimbia bomba)	
2	Ufungaji bomba awamu ya pili (2nd fix) -fittings	
3	Ufungaji wa Mifumo ya maji ya mvua kwenda kwenye tanki	
	<b>Jumla ndogo Mifumo ya maji safi na taka</b>	

<b>MAJUMUISHO (SUMMARY)</b>		
		<b>Shs</b>
A.	Msingi wa Jengo (Sub-structure)	
B.	Kunyanyua jengo (Super-structure)	
C.	Kuezeka (Roof structure and covering)	
D.	Milango	
E.	Umaliziaji (Finishing)	
F.	Rangi na Mapambo (Painting & Decoration)	
G.	Umeme (Electrical installation)	
H.	Mifumo ya maji safi na taka (Water Supply and Sewage system)	
	<b>JUMLA KUU Shs.</b>	

**ANGALIZO:**

Fundi anatakiwa kujaza hii fomu kwa kupitia mchoro wa jengo husika



# Drawings