

## Bill of Quantity - Emergency Shelter (Bama Type - Updated 3.8 x 5.2)

No.	Description	Unit	Quantity	Estimated Cost (NGN)		Estimated Cost (USD)		Remarks
				Unit Cost (NGN)	Total Cost (NGN)	Unit Cost (USD)	Total Cost (USD)	
	<b>Plastic Sheeting:</b>							
1	Plastic Sheeting - finish size 4mx60m, reinforced bands along edges, aluminium reinforced, labeled with IOM Logo	Roll	0.33		To be provided by IOM			Roof cover and side walls (incl. door and windows) (refer to: <a href="https://emergencymanual.iom.int/entry/63728">https://emergencymanual.iom.int/entry/63728</a> )
	<b>Sub-Total</b>				<b>0.00</b>		<b>0.00</b>	
	<b>Construction Materials and Labour:</b>							
2	Obeche Wooden poles, 2x4 inches - 280 cm length	Pcs	3.00		0.00	0.00	0.00	Stud pillars/ under tarpaulin
3	Wooden poles, 2x4 inches - 210 cm length	Pcs	8.00		0.00	0.00	0.00	Stud pillars
4	Wooden poles, 2x3 inches - 330 cm length	Pcs	8.00		0.00	0.00	0.00	Tie beam and side bracing.
5	Wooden poles, 2x3 inches - 180 cm length	Pcs	3.00		0.00	0.00	0.00	Backbracing
6	Wooden poles, 2x3 inches - 330 cm length	Pcs	2.00		0.00	0.00	0.00	Roof Ridge
7	Wooden poles, 2x3 inches - 210 cm length	Pcs	12.00		0.00	0.00	0.00	Rafters
8	Wooden poles, 2x4 inches - 190 cm length	Pcs	2.00		0.00	0.00	0.00	Door panel sides
9	Wooden poles, 2x4 inches - 100 cm length	Pcs	6.00		0.00	0.00	0.00	Top/bottom frames of door and Daigonal Bracing of doors
10	Wooden poles, 2x4 inches - 260 cm length	Pcs	2.00		0.00	0.00	0.00	Door frame sides
11	Wooden poles, 2x3 inches - 160 cm length	Pcs	4.00		0.00	0.00	0.00	Front bracing of shelter.
12	Wooden poles, 2x3 inches - 90 cm length	Pcs	8.00		0.00	0.00	0.00	Windows frames (sides)
13	Wooden poles, 2x3 inches - 90 cm length	Pcs	20.00		0.00	0.00	0.00	Windows panel and mid bracing
14	Wooden poles, 2x4 inches - full length	Pcs	3.00		0.00	0.00	0.00	
15	Wooden Batten 1.5x0.5 inches - 330 cm length	Pcs	30.00		0.00	0.00	0.00	Windows panel, Windows frames, Door frame sides, Top/bottom and frames of door, Backbracing, Side bracing, Diagonal bracing on doors and Front bracing atfer fixing the tarpaulin
16	Nails - 4 inch	Lbs	5.00		0.00	0.00	0.00	Fixing thicker wooden poles together
17	Nails - 3 inch	Lbs	9.00		0.00	0.00	0.00	Fixing wooden poles together
18	Nails - 1 1/2 inch	Lbs	4.00		0.00	0.00	0.00	For fixing langalangas and battens
19	Rope, 10mm diam, twisted	m	25.00		0.00	0.00	0.00	For roof bracing and/or diagonal bracing, and to tie down roofing materials / tarps
20	Tie wire, galvanised steel, 1.5mm	m	50.00		0.00	0.00	0.00	For diagonal bracing and reinforcement of joints
21	Wind security (Langa langa) - 1m length	Pcs	14.00		0.00	0.00	0.00	Fixing wooden poles together
22	Cap nails	Packet	2.00		0.00	0.00	0.00	Fixing tarpaulin
23	Hinges	Pair	5.00		0.00	0.00	0.00	For door and windows
24	Termiguard anti termite chemical	Ltr	0.50		0.00	0.00	0.00	
25	Used engine oil (black oil)	Ltr	5.00		0.00	0.00	0.00	
26	Labour	LS	1.00		0.00	0.00	0.00	
27	Transport	LS	1.00		0.00	0.00	0.00	
	<b>Sub-Total</b>				<b>0.00</b>		<b>0.00</b>	
	<b>Total Cost for 1 Shelter</b>				<b>0.00</b>		<b>0.00</b>	