

**DETAILED QUANTITY ESTIMATE FOR ISOLATION CENTER CONTAINERS**  
**BILL OF QUANTITIES FOR STRUCTURAL WORK**

S. No.	Description of work	Quantity	Unit	Unit Cost	Total Cost	Total Cost
					NGN	USD
<b>1.0</b>	<b><u>Preliminaries</u></b>					
1.1	Supply and Install 20 ft Shipping Container, haulage to site and placement to Engineers' specification	3.00	Nr		-	-
1.2	site clearance	80.00	m <sup>2</sup>		-	-
1.3	concreting (Reinforced concrete where necessary)	6.75	m <sup>3</sup>		-	-
1.4	shuttering	30.00	m <sup>2</sup>		-	-
	<b>SUB-TOTAL</b>				-	-
<b>2.0</b>	<b><u>Deconstruction and Assemblage</u></b>					
2.1	containers: 3, 20ft would be deconstructed, openings for doors windows, vents and joinery. Allow for welding, cutting, riveting and smoothing metal sheets.	584.25	m <sup>2</sup>		-	-
2.2	supply and install 1.5mm thick mild steel plates flooring	49.15	m <sup>2</sup>		-	-
2.3	supply and install 50x50x6mm thick angle iron	89.60	m		-	-
	<b>SUB-TOTAL</b>				-	-
<b>3.0</b>	<b><u>floor and Wall finish</u></b>					
3.1	supply and mix 12mm thick cement and sand (1:4) floated bed to general levels and surfaces to receive finishes	64.38	m <sup>2</sup>		-	-
3.2	Approved glazed ceramic floor tiles size 300mmx200mmx6mm thick, laid on cement and sand backing in approved pattern	64.38	m <sup>2</sup>		-	-
3.3	provide and install MDF wall panels	102.24	m <sup>2</sup>		-	-
3.4	supply and install PVC ceiling complete with welded steel purlins and wooden runners	81.61	m <sup>2</sup>		-	-
	<b>SUB-TOTAL</b>				-	-
<b>4.0</b>	<b><u>MECHANICAL AND ELECTRICAL SERVICES</u></b>					
4.1	Supply and install distribution board, wiring, light fittings, power sockets, wall brackets and earthing	1.00	Ls		-	-
4.2	Supply and install Water closets, waste water piping, hot and cold water installations	1.00	Ls		-	-
4.3	Provision of septic tank	1.00	Ls		-	-
4.4	supply and apply good quality gloss paint as approved by engineer	384.30	m <sup>2</sup>		-	-
	<b>SUB-TOTAL</b>				-	-
<b>5.0</b>	<b><u>DOORS AND WINDOWS</u></b>					
5.1	supply and install 1100x1200mm aluminium casement windows	8.00	Nr		-	-
5.2	supply and install 750x750mm aluminium casement windows	3.00	Nr		-	-
5.3	supply and install 1200x2100mm metal door	1.00	Nr		-	-
5.4	supply and install 900x2100 aluminum door	5.00	Nr		-	-
5.5	supply and install 7500x2100 aluminum door	3.00	Nr		-	-
	<b>SUB-TOTAL</b>				-	-
<b>6.0</b>	<b><u>ROOFING</u></b>					
6.1	0.55mm long span aluminium roofing sheets complete with accessories	63.00	m <sup>2</sup>		-	-
6.2	egding at 150mm girth	108.00	m		-	-
6.3	sawn hardwood timber members treated with anti-termite-noggings, purlins and rafters	234.00	m		-	-
	<b>SUB-TOTAL</b>				-	-
	<b>SUMMARY</b>					
<b>1.0</b>	<b>Preliminaries</b>				-	-
<b>2.0</b>	<b>Deconstruction and Assemblage</b>				-	-
<b>3.0</b>	<b>floor and Wall finish</b>				-	-
<b>4.0</b>	<b>MECHANICAL AND ELECTRICAL SERVICES</b>				-	-
<b>5.0</b>	<b>DOORS AND WINDOWS</b>				-	-
<b>6.0</b>	<b>ROOFING</b>				-	-

	<b>GRAND TOTAL</b>					-	-
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## DETAILED QUANTITY ESTIMATE FOR ISOLATION CENTER CONTAINERS

S. No.	Description	Nos.	Length (m)	Width (m)	Height (m)	Quantity	Unit	Remarks
<b>1.0 Preliminaries</b>								
1.1	Supply and Install 20 ft Shipping Container, haulage to site and placement to Engineers' specification	3.00				3.00	Nr	Good quality containers
1.2	site clearance	1.00	8.00	10.00		80.00	m <sup>2</sup>	removal of shrubs from approved area
1.3	concreting (Reinforced concrete where necessary)	10.00	0.75	0.75	1.20	6.75	m <sup>3</sup>	10 reinforced concrete column bases
1.4	shuttering	1.00	3.00	10.00		30.00	m <sup>2</sup>	parts of base above Ground Level
<b>2.0 Deconstruction and Assemblage</b>								
2.1	containers: 3, 20ft would be deconstructed, openings for doors windows, vents and joinery. Allow for welding , cutting, riveting and smoothening metal sheets.	1.00	19.00		30.75	584.25	m <sup>2</sup>	cutting container to allow for all openings and contortions
2.2	supply and install 1.5mm thick mild steel plates flooring	1.00	8.33	5.90		49.15	m <sup>2</sup>	plate is leveled and welded to floor with drain and service holes
2.3	supply and install 50x50x6mm thick angle iron	32.00	2.80			89.60	m	joints welded to container and riveted to MDF board
<b>3.0 floor and Wall finish</b>								
3.1	supply and mix 12mm thick cement and sand (1:4) floated bed to general levels and surfaces to receive finishes	1.00	9.33	6.90		64.38	m <sup>2</sup>	flooring of all spaces and entrance
3.2	Approved glazed ceramic floor tiles size 300mmx200mmx6mm thick, laid on cement and sand backing in approved pattern	1.00	9.33	6.90		64.38	m <sup>2</sup>	flooring of all spaces and entrance
3.3	provide and install MDF wall panels	1.00	42.60		2.40	102.24	m <sup>2</sup>	water proofing film would be required on one side
3.4	supply and install PVC ceiling complete with welded steel purlins and wooden runners	1.00	10.33	7.90		81.61	m <sup>2</sup>	
<b>4.0 MECHANICAL AND ELECTRICAL SERVICES</b>								
4.1	Supply and install distribution board, wiring, light fittings, power suckets, wall brackets and earthing	1.00				1.00	Ls	interior and exterior lighting, 15A and 13A sockets
4.2	Supply and install Water closets, waste water piping, hot and cold water installations	1.00				1.00	Ls	wash hand basins toilet accessories, including piping
4.3	Provision of septic tank	1.00				1.00	Ls	solid waste disposal
4.4	supply and apply good quality gloss paint as approved by engineer	6.00	64.05			384.30	m <sup>2</sup>	exterior painting as required
<b>5.0 DOORS AND WINDOWS</b>								
5.1	supply and install 1100x1200mm aluminium casement windows	8.00				8.00	Nr	all windows except toilet
5.2	supply and install 750x750mm aluminium casement windows	3.00				3.00	Nr	toilet windows
5.3	supply and install 1200x2100mm metal door	1.00				1.00	Nr	main entrance door
5.4	supply and install 900x2100 aluminum door	5.00				5.00	Nr	room doors
5.5	supply and install 7500x2100 aluminum door	3.00				3.00	Nr	toilet
<b>6.0 ROOFING</b>								
6.1	0.55mm long span aluminium roofing sheets complete with accessories	3.00	21.00			63.00	m <sup>2</sup>	roofing
6.2	egding at 150mm girth	3.00	36.00			108.00	m	roofing
6.3	sawn hardwood timber members treated with anti-termite-noggings, purlins and rafters	3.00	78.00			234.00	m	roofing