

Bill of Quantities for the Construction One Pit Latrine - Mud brick walling (1.5 x 1.3 Pit)

S/N	DESCRIPTION	UNIT	QTY	RATE (NGN)	AMOUNT (NGN)
1	Excavation and earthworks				
A	Clearing of site	m ²	4		
B	Excavate 1.3 m x 1.5 x 2.5m depth pit for the latrine	m ³	4.9		
C	Spread and remove surplus excavated materials from site.	m ³	4.9		
D	Treat foundation with anti termite treatment (temidor 25EC or any other equal and approved)	m ²	2.5		
	Total of section 1 carried to summary				
2	Sub structure				
A	Plain in situ concrete on Foundation footing (concrete mix 1:2:4 – 20mm aggregate) (5.6 m length x 0.2m thickness x 0.525m)	m ³	0.6		
B	Plain in situ concrete on steps (concrete mix 1:2:4 – 20mm aggregate)	m ³	0.1		
C	Reinforced concrete floor slab (1:2:4- 20mm aggregate) reinforced with Y12mm bars @ 200 c/c both way (1300mm x 1500 mm x100mm)	m ³	0.2		
D	Sawn form work to: Sides of slab	m ²	0.9		
E	Sawn form work to: Soffits of concrete slab	m ²	1.1		
F	Block work: Hollow sand:concrete block work bedded and jointed in cement and sand mortar (mix 1:6), 225mm thickness for pit lining (4.7m length x 2.6m height)	m ²	12.3		
G	100mmØ uPVC vent pipes placed with fly screen net	No.	1		
	Total of section 2 carried to summary				
3	Superstructure(zinc) and Roofing				
A	Walling: Construct mudbrick walling 180mm thickness. (mudbrick sizes 300mm x 180mm x 180mm)	m ²	9		
B	Provided and fix wire mesh with fly screen net on front side above the door for ventilation opening;	m ²	0.5		
C	Roof : 0.38mm gauge corrugated Zinc roofing sheets on 3No. 75mm x 50mm purlins on 3No. 100mm x 50mm timber rafters on 100mm x 50mm timber wall plate	m ²	3.5		
D	Purpose made Zinc fabricated door sizes 800mm x 2100mm high installed complete with hinges, staples, padlocks and keys.	No.	1		
	Total of section 3 carried to summary				
	SUMMARY				
1	Section 1 Excavation				
2	Section 2 Sub – structure				
3	Section 3 Super structure				
	Grand Total ONE Family Pit Latrine	No.	1		-