

Annex A4 – Technical Specifications for Latrine Construction. Ground lay out length-2.5m x width-1.2m x depth-3.5m. Superstructure, front elevation-2.2m x back elevation-2m, curtain wall-1.5m					
S/No	Activity /description	Unit	Qty	Unit cost	Total cost
1	Preliminary Works				
1.1	Mobilization of resources, materials, equipment, personnel and demobilization of equipment, materials and labour force.	Item	1		
1.2	Site preparation including site clearance of un-wanted objects and levelling, and setting up the building according to architectural design.	Item	1		
2	Excavations and Earthworks				
2.1	Set and mark latrine pit dimensions of (length-2.5m) x (width-1.2m) x (depth-3.5m)	Item	1		
2.2	Maintaining and up holding excavation sides against collapse and keep excavation free from any surface water run-off.	Item	1		
2.2	Excavate latrine pit to depth (length 2.5m x width 1.2m x 3.5 depth) to remove top soil and debris. Ensure pits are well protected against collapse and any water entering into the pit.	M ³	10.5		
2.4	Return, fill in and ram selected excavated materials around wall lining.	Item	1		
3	Class 20(1:2:4) vibrated reinforced concrete				
3.1	100mm thick suspended floor slab, reinforced with Y-12 round iron bar@15 cm spacing.	M ³			
4	Walling/super structure works				
4.1	Well burnt red bricks in pit lining, bedded, jointed in 1:3 cement to sand mortar	M ²			
4.2	Wall finishes- 1:4 cement to sand, 12mm thick internal and external rendered and well finished	M ²			
5	Roofing works				
5.1	Neatly fix well assembled trusses to the structure, and reinforce with hoop iron to the main structure, apply wood preservative on the woods or timber	Meters			
5.2	Fix purlins with 3 x 2" Timbers applied with wood preservative. Include ½ "wroth soft wood Fascia barge	Meters			
5.3	28 gauge IT4 roof covering, pin nails, roofing nails on timbers, rubber washers and ridge caps included.	M ²	28		
6	Finishes and fittings				
6.1	Fix doorframe with 4x2" timber and shutters using 3x2" timber. Fix 4"towerbolt for both internal and external doors, made with CGI 28" gauge and fitted to door frame using 4" hinges	Pc	2		
6.2	4" diam. PVC vent pipe, fixing brackets included	Pc	1		
	Total				