

Construction of Special Need latrine with pit hole BoQ							
	Item	Qty	Unit	Thick mm	Unit weight kg	Unit price \$	Total Price
A	Latrine Super Structure (200*150*210 cm)						
1	Supply and install steel hollow square section 50x25mm painted with two layers of epoxy grey color	9.2	m	3			
2	Supply and install steel hollow square section 25x25mm painted two layers of epoxy grey color	35	m	2			
3	Supply and install steel Mesh thick ,3mm , opening 3x3 mm , L = 200 & W= 10 cm	2	Ls				
4	Supply and install steel hinge D16mm	2	Pcs				
5	Supply and install Heavy Metal internal and external bolt lock as per attached drawing in details	2	Pcs				
6	Supply and install Internal and External Handle , L=90 cm , thick =1 cm , width=15cm	2	Pcs				
7	Supply and install Preprinted Z-Shape zinc sheets (TOT) thick 0.45mm white color, along with latrine dimensions sizes	16	m2	0.45			
8	Supply and install Steel sheet 2mm thickness,80 cm length and Hight 200cm painted with two layers of epoxy of grey color	1.6	m2	2			
9	Supply and install G. Self screw 1"x1/4"	105	Pcs				
B	Latrine Concrete Base- 220* 170*10 cm						
1	Supply and cast reinforced concrete base 220 cm x 170 cm x 10 cm, the concrete slab should be sloping towards the floor drain (cost include: materials, 8mm steel mesh at 25 cm in both directions, and labor). Install nylon sheet before casting the concrete. The concrete strength to be 15 Mpa.	0.4	m3				
2	Supply and install western Toilet seat (siphonic washdown one piece model) of size: L=68cm, H=72cm, W=40cm. including all accessories	1	Pcs				
3	Supply and instal 4 inch pipe + connection from the western seat to the holding tank (adjustment as needed on site)	2	Lm				
4	Supply and install hollow steel bar round shape: diameter = 1 inch, width = 50 cm, high=70cm connected to latrine base and fixed by 10x10cm plate and screws. one handle on each side of the seat. (see annex 1). Painted with two layers of epoxy of grey color.	3.8	Lm	2			
C	Latrine pit cover -180*140*10 cm						
1	Excavation and soil removal (pit dimension: 165x135x140cm)	1	LS				
2	Supply and install horizontal underground Plastic tank of 1000 L, 3 layer , Grey color.	1	Pcs				
3	Supply and cast a reinforced concrete cover for the pit of dim: 180*140*10 cm. steel mesh 8mm reinforced bars at 25 cm in both direction. The concrete strength to be 30 MPa .	0.22	m3				
4	Supply and fix in the concrete cover 5 inch pipe ((minimum 10 cm above the top concrete cover) with plastic cover for desludging(see annex 1)	1	Pcs				
5	Backfill around the tank with gravels of size 3 - 5 cm. Thickness of 15 cm from bottom and around the tank.	1.8	m3				
D	Steel Stand, water tank , and wash basin						
1	Supply and install steel stand of dimension L=120cm, W=120cm, H=160cm. (painted with two layers of epoxy of grey color)-see annex 6,7 & 8						
1.1	Supply and install square hollow steel of section 5x2.5 cm (painted with two layers of epoxy of grey color)	6.8	m	2			
1.2	Supply and install square hollow steel of section 2x2 cm for horizontal and diagonal parts of the steel stand (painted with two layers of epoxy of grey color)	19.5	m	2			
1.3	Supply and install 2mm thickness steel sheet of dimension 1.2m x 1.2m with two layers of epoxy paint	1.44	m2	2			
2	Supply and cast reinforced concrete base of 140x140x10 cm reinforced with 8 mm bars at 25 cm in both directions. Concrete strength to be 30 MPa.	0.12	m3				
3	Supply and install steel ropes to fix the water tank	3	m	4			
4	Supply and install 500 L vertical water tank of two layers	1	pcs				
5	Supply and install 1/2 inch water valve (Italy brand)	1	pcs				

