


BOQ for the rehabilitation Sanitation Facilities in AL-Gesnab, Abu Hrira and Wad Sagorta

Date of BoQ 24-Nov-25

HA - Sudan Al Jazeera State office

#	Items	Unit	Quantity	Unit Cost (SDG)	Total Cost SDG
Digging latrine, pits, concrete layers and lining					
1	Excavate latrine pits (three sites), dimension 2X2.5 m, depth 3m, the digging will be on losing soil, and all preventive measure should be taken for safety of labor from danger of collapsing.	m ³	45		
2	Supply materials and cast reinforced concrete slabs for the pit foundation with cement sand gravel mix 1:2:4 using 12 mm rebar every 15cm in two direction , the thickness of the cover slab shall be 15 cm. Cover all pit area	m ³	2.25		
3	Supply materials and build lining for latrine with one brick wall, using sand cement mortar 1:6 with proper treatment, this estimation for three sites each site with dimension 9 m length *3.5 m height ; the cost including the refilling the pits with soil around properly.	m ²	94.5		
4	provide construction materials (sand and cement and carry out render fair face plaster on the internal and the lining walls with 1:6 cement: sand mortar as per specifications with proper water treatment.	m ²	190		
Re-enforcement concrete slab, supper structure walls and ramp					
5	supply materials and cast reinforced concrete slabs, to cover the pit with cement sand gravel mix 1:2:4 using 12 mm rebar every 15cm in two direction , the thickness of the cove slab shall be 12 cm. the cover has drop hole 15cm., also 2 diversion box for inspection (manhole) (40cmx40cm) shall be constructed with the pit hole, the latrine pit shall have one PVC pipe ventilated pipe 4 inch , the cost includes all the necessary items for fitting.	m ³	1.8		
6	Supply materials and build the superstructure with one brick wall use grade one bricks, using sand cement mortar (1:6), with proper water treatment. Each latrine will be 9 m width *2 m height.	m ²	54		
7	Supply materials and cast reinforced concrete beam 10cm * 20 cm section with 1:2:4 ratio cement sand gravel , the beam should reinforced by 2 pcs of 12mm rebar for length of the beam . with proper water treatment .	m ³	0.54		
8	Supply and construct a concrete ramp for disabled including handrail inside the disable latrine room. See the drawing. The width of the ramp shall not exceed 1,200 mm. slope of the ramp shall be 1:12 indoor and 1:15 outdoor. Hand rails shall be fixed at both side of the ramp and inside the disable toilet room with minimum height of 50 cm. Hand rails shall be extend to 30 cm at beyond the tope and bottom of the ramp. the cost includes construction work using bricks, lining and concrete work.	latrine	3		
9	Supply materials and render fair face plaster on the internal and the external walls with 1:6 cement: sand mortar as per specifications with proper water treatment	m ²	324		

10	Supply materials and render primer with white wash and fair face of painting (3 coats) with oil paints, internally and the externally according to the color specified	m³	324		
11	Supply materials (cement, gravel, sand and iron bar 12 mm) and construct roof slab 1.2 m*2.5 m length*0.12 m thickness, ensure all engineering standard well applied	m³	1.08		
12	Supply and fitting steel door ,70cm *180cm, the doors should fabricated from iron box 2.5cm *5cm sickness 1mm,and should use .7 mm iron sheet. The door should have lock, inner and outer. Also the door should have lighting space , the door should painted green color 2 code.	Door	6		
13	Supply and fitting steel window 30cm *30cm, the window should fabricated for iron box 25cm *5cm with iron mesh and Screen	window	6		
14	Supply and fix 4 inch PVC ventilation pipes drack color , to be 3m above ground level with fly mesh 3m long	Pipe	3		
15	Supply and fix two squatting pan (local foot rest) for the toilets. The squatting pan shall be in good quality.	PCs	6		
16	Supply material and fixed ceramics tiles size 40m*40cm on the floor, the ceramic tiles shall be leveled and approve quality, thickness shall not less than 8mm, the cost includes skirting the tiles over cement mortar bed 15 mm thickness 1:3 and applying white cement over the tiles at all levels.	m²	24		
	Sub total latrine construction				0
	Water point work				
17	Supply construction materials (cement, gravel, and sand) and dig foundation with dimension 2m length*2m width*0.3 m depth. And apply plain concrete slab for the area 12 mm thickness with good curing.	m³	1.2		
18	Supply construction materials PPR ¾ inch, galvanized pipe 3" 2" and ¾ inch with all junctions and fitting and and dig all from the elevated tank to water point and carry out the installation accordingly.	site	3		
19	Supply construction materials hollow red bricks, cement, sand and construct simple cooler with dimension 1.5m long*0.8 m high the estimation for three sites. And carry out the wall construction using cemented mortar 1:6 ratio	m²	3.6		
20	Supply materials, brick, cement and sand and construct draining system and connected with small irrigated trees line.	site	3		

	handwashing station work				
21	Supply construction materials cement, sand and PPR ¾ inch pipe, fittings and carry out the main water supply in the latrine this include plumbing works including fix existed storage tank 2000 liter and distribution system to two stances latrine with tap half inch.	latrine	3		
22	Supply material stand handwashing basin, PPR 1 inch pipe with necessary Fetting and carry out the installation of conveyance system to three handwashing basins	Job	4		
23	Supply materials bricks cement, sand and construct draining system and connected with simple manhole and linked with irrigated line accordingly.	site	3		
24	install signboard with UNICEF, FCDO, Human Appeal and WES logos	signboard	3		
25	carry out the painting as per agreed with HA engineer and carry out the finishing accordingly.	site	3		
Sub Total Water supply and handwashing					0
Total in Word SDG					-

Company/NGO/CBO Name:

Name of Director:

Signature and stamp

Date: