

ANNEX B - BILL OF QUANTITIES

Subject: Construction of one Soakaway well Al Buluk Hospital Omdurman
Project: Omdurman
Date: August 2025



Project: Omdurman	
Location: Al Buluk Hospital	
Description: Construction of one Soakaway well - 40 meters deep (Depending on depth of Aquifer)	
Contract Number:	

#	Specification	unit	Quantity	Unit price (SDG)	total (SDG)
1	Mobilization and Demobilization:				
1.1	Mobilization of equipment, materials, formworks and personnel to site, storage and demobilization on completion	Job	1.00		
2	Excavation & Cartaway				
2.1	Excavate to make a circular hole with a diameter of 2.6 meters and a depth of 35 meters and the price includes removal of debris away from the site cart away	M3	185.73		
2.2	Excavate to make a circular hole with a diameter of 2.6 meters and a depth of 05 meters (depending on depth of Aquifer) and the price includes removal of debris away from the site cart away	M3	26.53		
3	Building work				
	The brickwork shall be constructed using grade one bricks, free of yellow bricks completely sealed from 0-17m and from 17-40m by pattern "perforated brick wall with mortar joints"				
3.1	Supply and install first class-grade red brickwork with a thickness of 30 cm inside the soak pit, extending up to a height of 23 meters from the pit bottom, using a cement mortar mix of 1:3 (Cement to Sand) in accordance with the general technical specifications	M2	187.77		
3.2	Supply and Install first class-grade red brickwork with a thickness of 20 cm inside the soak pit, extending from a height of 17 meters to 40 cm above ground level, using a cement mortar mix of 1:3 (Cement to Sand), in accordance with the general technical specifications."	M2	138.79		
4	Concrete work				
	The price includes the necessary finishing work to achieve a smooth and clean external surface, as well as all materials required for the work, including cement, steel, and other necessary materials.				
4.1	Supply materials and cast reinforcement concrete 20 cm cover of well steel bars 16 mm distributing 15cm C/C both way double layer , concrete mix ratio 1:2:3 with steel cover (manhole cover) 45cm * 45 cm .	M3	1.41		
5	Backfilling				
5.1	Supply materials and back filling the space between the wall and lining use selected materials with good compaction . .	M3	25.00		
6	Modifications inside two Septic Tanks and connection to soakaway well				
6.1	• Install 3 FOG traps in each the existing septic tanks. In total 6 Fog traps will be installed. • Connection of both existing septic tanks to a soakaway well that will be located at a distance of 55 and 05 meters. Its include Supply materials and construct a 6-inch, 10-bar UPVC pipe drainage line, including the construction of 6-9 manholes (0.6m x 1.0 m increase according to the slope towards the soak away well) w*d . The work includes excavation, lining, plastering, and waterproofing, with the drainage system connected to the existing septic tanks and directly to the soakaway wells.	JOB	1.00		
	Cost				
	Total Cost				