

BOQs: Rehabilitation of 1 PHCC (Gabra 19 - Khartoum)

S/N	Descriptions	Unit	QTY
1	Repairing the cracks, Leakages and Plastering:		
1.1	Repairing the cracks on building walls includes plastering	Job	1
1.2	Repair and Resolve walls dampness	Job	1
1.3	Repair the Plastering of the fence wall	Job	1
1.4	Provide and Execution of waterproofing works for the building roof.	m2	300
2	Painting Works:		
2.1	Provide materials and Render fair face emulsion coating to interior walls, applied in three coats, includes Close of AC windows using red-bricks and plastering 1:6.	m2	696
2.2	Provide materials and Render fair face emulsion coating to interior roof, applied in three coats.	m2	256
2.3	Provide materials and Render fair face emulsion coating to exterior walls, applied in three coats.	m2	216
3	Doors and Windows:		
3.1	Provide materials, repair and install doors lock.	Pcs	11
3.2	Provide materials and painting of all doors and windows.	Job	1
3.3	Provide and install Metal Mesh Net for all windows	Pcs	16
3.4	provide and painting steel fence wall 3 layers	Job	1
3.5	provide and install signboard using steel sheet 1.8mm and steel pipes 8x4cm (2mm)	Pcs	1
3.6	Provide and install steel doors for the laboratory cabinets	Pcs	5
4	Plumbing Works:		
4.1	Provide and install water supply network connecting 8 handwashing basins, using PPR pipes (10 bar) 1 inches and 3/4 inches.	Job	1
4.2	Provide and install stainless steel water taps with accessories (Long Handle Taps) for handwashing basins	Pcs	8
4.3	Provide and install sewage system using PVC pipes 2inches connecting handwashing basin with the main swage system.	Pcs	8
4.4	provide and install washing basin for the laboratory includes water connection and drainage system	Set	1
4.5	Provide and install 8 Gally trap convers	Pcs	8
4.6	Provide and install manhole cover 50x50cm.	Job	1
5	Electricity Works:		

5.1	Provide and install air-conditioner split 18,000 unit (Ogeneral brand inverter) including installation of switch 45A good quality and 6mm ² wires, laying PVC pipes and accessories.	Set	8
5.2	Provide and install roof fans (Orient brand), including wires 1.5mm ² and laying of PVC pipes.	Pcs	16
5.3	Provide and install LED lamps 4 feet's including switch (Tenbys) and 1.5mm ² wires and laying PVC pipes and accessories.	Pcs	37
5.4	Provide and install sockets 16/13A (Tenbys) and 4mm ² wires.	Pcs	40
5.5	Provide and install copper cable 4x35mm ² including all accessories.	m.l	60
5.6	Provide and install copper cable 4x16mm ² including all accessories.	m.l	6
5.7	Provide and install Main Safety Switch Box 150A-3phase	Pcs	1
5.8	Provide and install Circuit Breaker Box 100A - 3 phase / 18 lines	Pcs	1
5.9	Provide and install wire and pipes good quality for electricity works using wire 6mm for AC, 2.5mm for sockets, 1.25mm for lamps, fans, and PVC pipes white color and accessories.	Job	1
6	Rehabilitation of Latrine (4 Doors):		
6.1	Repair the doors, install locks (bolts) and painting.	Pcs	6
6.2	Provide materials and Render fair face emulsion coating to exterior walls, applied in three coats.	m ²	40
6.3	Provide materials and Render fair face emulsion coating to interior walls, applied in three coats.	m ²	64
6.4	Provide materials and Render fair face emulsion coating to interior roof, applied in three coats.	m ²	18
6.5	Provide and Execution of waterproofing works for the latrine roof.	m ²	18
6.6	Provide and install water tank 2,000L good quality, including PPR pipelines 1" and 3/4" .	Job	1
6.7	Provide and install water pump 1Hp (Italy brand), and accessories.	Set	1
6.8	Cleaning of sewage system.	Job	1
6.9	Provide and install ventilation pipes	Pcs	2
6.10	Provide and install stainless steel water taps (Long Handle Taps) for handwashing basins	Set	2
6.11	Repair the existing 4 flush tanks with installation of bidet sprayer.	Pcs	2

6.12	Supply and install LED lamps 36watt including pipes, wires and swatches	Pcs	8
6.13	Provide and install toilet exhaust fans includes connections.	Pcs	4
7	Supervision cost - SMOH Staff	Persons	2