

Mercy Corps - Gadarif State Office

SHF Project 2022

Project No: 33747

Project name: Rehabilitation of Hand Pump No (6)
Project Location: Wad-Abakar Village (2) - Ar-Rahad Locality
GPS: N 13° 15' 08.17" E 34° 57' 19.15"

Bill of Quantities

No	Items Description	Qty	Unit	Unit cost SDG	Total cost
1	Hand Pump Spares Parts:				
1.1	Supply and install New Pump Handle Assembly	1	No		
1.2	Supply and install 3m length pipe 1 ¼ " galvanize	4	No		
1.3	Supply and install Connecting Rod ¾"	4	No		
1.4	Supply and install New Chain with Chain Bolts, Nut and washer	1	No		
1.5	Supply and install New Bearing with axle washer, nut & check nut	1	No		
2	Concrete Apron:				
2.1	Remove the old existing concrete apron and clean the site from the removal parts away from the pump area.	1	Job		
2.2	Supply and install all necessary materials for the construction of concrete apron (2m Dim) and drainage channel within 5 - 10 m length, width 0.15 m and 0.15 m high a way from water pump area.	1	LS		
3	Collection water storage				
3.1	Construct a collection water storage at the end of drainage channel for animal to drink the waste water by 1*1*0.5 m depth, by one brick wall with mortar cement 1:8 plus plaster inside wall 1:6 , add 10 cm concrete in the bottom ,Include labos and materials (cement,bricks,water, sand)	1	LS		
4	Signpost				
	Manufacturing and install of singpost plate size 1m width X 0.8m hight from steel sheet and fixed/welded to steel angle 1½ inches 3mm thickness of 1.5m hight . The cost include painting and writing cost (material to be printed will provided by engineer)	Job	1		
	Total cost SDG				
	Vat 17%				
	Grand Total				