

**Mercy Corps - Gadarif State Office**

**SHF Project 2022**

**Project No: 33747**

**Project name:**

Rehabilitation of Hand Pump No (2)

**Project Location:**

Almadrdama Village - Galabat Algarbeya Locality

GPS: N 13° 41' 58.5"

E 35° 08' 36.17"

**Bill of Quantities**

No	Items Description	Qty	Unit	Unit cost SDG	Total cost
<b>1</b>	<b><u>Hand Pump Spares Parts:</u></b>				
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 Cylinder Assembly (cmplete)	1	Set		
1.5	Supply and install New Chain with Chain Bolts, Nut and washer	1	No		
1.6	Supply and install New Bearing with axle washer, nut & check nut	1	No		
<b>2</b>	<b><u>Concrete Apron:</u></b>				
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		
<b>3</b>	<b><u>Collection water storage</u></b>				
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		
<b>4</b>	<b><u>Signpost</u></b>				
	Manufacturing and install of singpost plate size 1m width X 0.8m high from steel sheet and fixed/welded to steel angle 1½ inches 3mm thickness of 1.5m high . The cost include painting and writing cost (material to be printed will provided by engineer)	Job	1		
	<b>Total cost SDG</b>				
	<b>Vat 17%</b>				
	<b>Grand Total</b>				