

## Cost Estimation for irrigation Geba Kemisa Hand dug well

No	Description	Unit	Qty	Unit Rate	Total	Remax
1	Mobilization of equipment & Construction Materials	-		-	2000	
2	Loading & Unloading of construction materials	-		-	3000	
3	Purchasing of construction materials					
3.1	Concrete Ring	Lst	25	450	11250	
3.2	Cement	Quit	4	250	1000	
3.3	Stone	M <sup>3</sup>	8	1250	1640	
3.4	River gravel Purchasing	M <sup>3</sup>	3	400	1200	
3.5	Sand	M <sup>3</sup>	4	250	1000	
3.6	Coarse aggregate	M <sup>3</sup>	2	260	520	
3.7	Reinforcement bar (8" diameter)	M <sup>3</sup>	3	185	555	
3.8	Form work (20cm Width)	M <sup>3</sup>	4	120	480	
3.9	Tithing wire	Kg	2	38	76	
4	Triddle Pump with all material	Lst	1	18500	15000	
5	Well Excavation (1.3m diameter)	M	25	150	3750	
6	Draw out the excavated soil	M <sup>3</sup>	32	80	1680	
7	Dewatering the water from the well	M <sup>3</sup>	3	90	270	
8	Well Lining (concrete ring casting)	Lst	25	120	3000	
9	Head work construction	day	1	1500	1500	
10	Site cleaning & fence construction	day	1	1800	1800	
11	Operation & maintenance Training	day	1	100	1000	
12	Supervision Cost	-			3000	
13	Total				53,721.00	
14	Conturges 10%				5,372.10	
15	Total with Conturges				59,093.10	
16	Vat 15%	-			8,863.97	
17	Gurand total				67,957.07	

