

COUNTY GOVERNMENT OF WAJIR



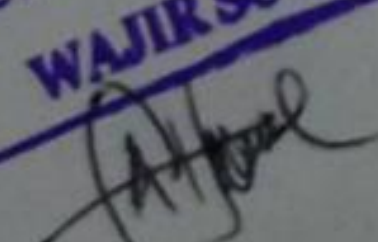
DEPARTMENT OF WATER RESOURCE DEVELOPMENT

PROPOSED DRILLING, DEVELOPMENT AND TEST PUMPING OF BOREHOLE IN WAJIR SOUTH
CONSTITUENCY

AT

HABASWEIN MIXED DAY SECONDARY
HABASWEIN LOCATION
HABASWEIN WARD, WAJIR SOUTH SUB COUNTY
WAJIR COUNTY

Abdirazak H. Ibrahim
SUB-COUNTY WATER OFFICER
WAJIR SOUTH



BILLS OF QUANTITIES FOR DRILLING, DEVELOPMENT AND TEST PUMPING OF BOREHOLE AT BIYAMATHOW (Wajir South Technical & Vocational Collage) IN WAJIR SOUTH SUB-COUNTY-250METERS.

No.	Item description	Unit	Qty	Rate (KES)	Amount (KES)
A1.1	Mobilization, transportation of machinery and personnel, erection of camps and sanitary facilities and demobilization zone.	Ls	1	500,000	500,000
A1.2	Erection and dismantling of drilling equipment and allied machinery at site including drilling of borehole of 252mm minimum diameter through all types of strata between 100meters below the ground level.	M	100	6000	600,000
A1.3	Ditto item A1.2 but between 100meters and 200meters below ground level.	M	100	6500	650,000
A1.4	Ditto item A1.2 but between 200meters and 250meters below ground level.	M	50	6500	525,000
A1.5	Supply and install 150mm internal diameter plain JOHNSON'S STEEL borehole casings.	M	150	4000	600,000
A1.6	Supply and install 150mm internal diameter slotted JOHNSON'S STEEL borehole casings.	M	100	4000	400,000
A1.7	Allow for taking samples of borehole drill cuttings at 2 meter intervals.	LS	1	50000	50,000
A1.8	Supply and insert rounded 2-4mm diameter gravel pack.	Ton	12	10000	120,000
A1.9	Grout between the casing and the borehole for the top ten (10) meters.	LS	1	35000	35,000
A1.10	Allow for physical and chemical development of the borehole.	Hr	12	8000	96,000
A1.11	Undertake constant discharge borehole test pumping.	Hr	24	15000	360,000
A1.12	Undertake recovery water level observations.	LS	1	10000	10,000
A1.13	Allow for 15 liters water sample laboratory analysis and submission of borehole completion record.	Ls	1	10000	10,000
A1.14	Install wellhead, serial number, cap the well and construct 1x1x1m slab around the well,	Ls	1	8000	8,000
A1.15	Supply water and drilling fluids for drilling operations and field camp.	Ls	1	150,000	150,000
A1.16	Fabrication and installation of Gantry 9m above the ground	Ls	1	150,000	150,000
	TOTAL BILL				4,264,000

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GRAND SUMMARY			
Item	Description	Page No	Amount (Kshs)
1	DRILLING, DEVELOPMENT AND TEST PUMPING OF BOREHOLE	PG/2	4,264,000
	GRAND TOTAL		4,264,000

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