

**BILL OF QUANTITY FOR DRILLING ONE BOREHOLE AT ABDALLA BIROLE**

Item	Description	Unit	QTY	Rate US\$	Amount US\$
<b>A</b>					
A1	Mobilization & Demobilization of all Plant, Materials, Equipment & Personnel	L. Sum	1		
A2	Setting up and Dismantling at the Site	No.	1		
<b>Sub-Total A</b>					
<b>B</b>					
B1	Drilling at 16"Ø-Diameter to 2m	M	2		
B2	Drilling at 12"Ø-Diameter from 2 to 210m	M	208		
B3	Sampling and Storing Drill-Cuttings sampled at 2 m-intervals	No.	125		
B4	Surface Plain Casing of Mild Steel, 5mm Wall-Thickness, 14" Ø-ID	M	2		
B5	Plain Casing, uPVC, 8"Ø-ID, Minimum 9mm-Wall Thickness	M	172		
B6	Screen Casing, uPVC, 8"Ø-ID, Minimum 9mm-Wall Thickness	M	36		
B7	Bottom Caps	No.	1		
B8	Gravel Pack	M <sub>3</sub>	6		
B9	Inert Backfill	M <sub>3</sub>	1		
B10	Grouting Materials for Sanitary Seal	M <sub>3</sub>	1		
<b>Sub-Total B</b>					
<b>C</b>					
C1	Well Development by Airlifting Calibration Test	H	10		
C2	Test pumping of borehole	H	48		
C3	Recovery	H	24		
C4	Well disinfection/ chlorination	No.	1		
C5	Well Head, Capping and Concrete slab	No.	1		
C6	Restoration of site-Backfill mud pits and remove any rubbish & debris created by the work	LSum	1		

C7	Full chemical and bacteriological Water Quality testing / analysis	LSum	1		
<b>Sub-Total C</b>					
D					
D1	supply and install 10 hp submersible pump, complete with control panel and electric wire	No.	1		
D2	2" ID, GI raisin main pipe, heavy duty Class C, complete with all fittings	Lm	160		
D3	Dipper tube complete in class D heavy gauge uPVC tubing 150 m per B H	M	150		
D4	Allow for technical completion report	No	1		
<b>Sub Total D</b>					
<b>GRAND TOTAL FOR DRILLING BOREHOLE</b>					