

**BILL OF QUANTITIES FOR BOREHOLE DRILLING**

<b>Client Name:</b>		Mr. Eric Otieno		<b>Date:</b>		1st September 2015
<b>B/Hole Contract:</b>		Obambo - Kisumu		<b>File Ref:</b>		SPR 4756/15
<b>Item</b>	<b>Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate K.Shs.</b>	<b>Total K.Shs.</b>	
1	Allow for the cost of transporting all equipment, and personnel to site and demobilisation at completion of contract	-	Sum	80,000.00	80,000.00	
2	Setting up and dismantling of the rig at the drilling site.	-	Sum	30,000.00	30,000.00	
3	Drilling 8" diameter borehole from 0-100m depth	100	m	2,400.00	240,000.00	
3.1	Drilling 8" diameter borehole from 100-110m depth	10	m	2,500.00	25,000.00	
3.2	Drilling 8" diameter borehole above 110m depth if necessary.		m	3,000.00	Rate Only	
4	Water for drilling and camp use, maintenance of storage tanks, water injection systems and useage of drilling foam	-	Sum	30,000.00	30,000.00	
5	Supply and Install 152mm dia plain steel casings	74	m	2,700.00	199,800.00	
6	Supply and Install 152mm dia plasma cut steel casings	36	m	2,800.00	100,800.00	
7	Supply and Install gravel pack in the borehole	2	Ton	10,000.00	20,000.00	
8	Allow for borehole development work (surging by air of completed well until the water is clean (Approx. 2 hrs)	2	Hr	10,000.00	20,000.00	
9	Allow to the cost of:-					
	(a) Reaming and boring.	-	M	3,000.00	Rate Only	
	(b) Insert, remove temporary casing etc.	-	Hr	3,200.00	Rate Only	
	(c) Insert 9" of temporary casing permanently.	-	M	4,500.00	Rate Only	
	(d) Setting time.	-	Ls	10,000.00	Rate Only	
	(e) Bentonite seal.	-	Ls	8,000.00	Rate Only	
10	Pump testing completed well. Time taken to install and remove pump, will be charged at same hourly rate	24	Hr	2,500.00	60,000.00	
11	Provide all materials and construct concrete top slab with well cap	-	Sum	10,000.00	10,000.00	
12	Standby charges for reasons beyond the Contractor's control excluding force majeure conditions	-	Hr	5,000.00	Rate Only	
13	Borehole Completion Data and Water Chemical Analysis Report	-	Sum	10,000.00	10,000.00	
14	Supply and installation of one submersible pump capable of pumping 3m <sup>3</sup> /hr at a head of 90m including control panel, electrodes, electrode cable, underground cables float switch and various installation accessories	-	Sum	600,000.00	Rate Only	
<b>Sub Total</b>					<b>825,600.00</b>	
<b>Less Special Discount as the rig is in the area</b>					<b>30,000.00</b>	
					<b>795,600.00</b>	
<b>Add 16% VAT</b>					<b>127,296.00</b>	
<b>Estimated Total Contract Sum</b>					<b>922,896.00</b>	

**TERMS AND CONDITIONS OF CONTRACT**

Drilling permit to be obtained by yourselves from Water Resources Management Authority before commencement of any drilling works.

You will ensure that the actual borehole site is accessible by our Rig and support truck before mobilisation.

**We do not warrant or guarantee in anyway the quantity, quality, or kind of water, which may be encountered on completion of the drilling works.**

**PAYMENT TERMS**

60% - Payable before mobilisation to site

20% - Payable upon completion of drilling works

10% - Payable upon completion of casings and gravel packing

Balance payable on the completion of the borehole after calculation of actual measured works.

This quotation is binding for 30 DAYS.

The Law of Contract Act as administered in the Law of Kenya Act shall be applicable, upon signing of Contract Agreement which is intended to create legally binding obligations between the Contractor and the Client.