## **BILL OF QUANTITIES**

## Name of Project :DRILLING OF ONE EXPLORATORY WELL

Typical Design for 200 meters well depth

Item													
No.	Description	QTY	Unit	Estimated	Mark Up		Total Mark Up		VAT	Total	Total	Unit	
				Direct Cost	OCM	Profit	Mob/Demob	%	Value		Indirect Cost	Cost	Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Mobilization of one Rotary Drilling Units Accessories and Staff to Project Site	1	lot										
2	Preparation of Site and Setting all Equipment	1	no										
	Drilling of 250mm diameter pilot hole including strate sampling every penetration												1
3	or less when change of formation occurs	200	mtrs										
4	Reaming of Pilot Hole to 400mm diameter Hole 0-200m	200	mtrs										
5	Geophysical borehole logging (electric resistivity and self potential)	1	lot										
	Furnishing of 300mm nominal diameter spiral welded casing with minimum wall												1
6	thickness of 6mm incl. 0.8m stick up and sump pipe	147	mtrs										
													1
	Furnising of 300mm nominal diameter stainless steel continuous slot wirewound												1
7	screens, slot size 1.5mm, 3m length each section or with min. open area of 30%	54	mtrs										
8	Installation of casings and screens	201	mtrs										
	Furnishing and installation of gravel pack at annulus around casings and screens 7-												1
9	10mm well graded round particles	164	mtrs										
													1
10	Furnishing and installation of 50mm dia. Galvanized gravel fill pipe with screw cap	39	mtrs										
	Development by surging including bailing out settlements	12	hrs										
12	Development by airlift method	12	hrs										
	Step drawdown pumping test with five steps at one hour duration each step carried												1
	out in succession with discharge rate increasing in equal fractions of expected												1
	maximum discharge of 30 lps	1	lot										1
14	Continuous constant discharge rate pumping test; Q=30lps	72	hrs										
15	Cement grouting of annulus space around bet. Casing and borehole	36	mtrs										
16	Furnishing and installation of 37.5 mm dia. Water level sounding tube	1	lot										
17	Temporary Facilities	1	lot										
18	Preparation and submission of well drilling report and recommendation	1	lot										