## **BILL OF QUANTITIES**

Name of Project : DRILLING OF EXPLORATORY WELLS

Location: Date:

Typical Design for 200 meters well depth

Item No.	Description	QTY	Unit	Estimated	Mark Up			Total Mark Up	VAT	Total	Total	Unit
(4)	(a)	(2)	(.)	Direct Cost	OCM	Profit	Mob/Demob	Value	(4.4)	Indirect Cost	Cost	Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(10)	(11)	(12)	(13)	(14)
1	Preparation of site and setting all equipment											
2	Drilling of 200 mm diameter pilot hole including strata sampling every penetration or less when change of formation occurs											
3	Reaming of pilot hole to 350 mm diameter hole 0-200m											
4	Geophysical borehole logging (electric resistivity and self potential)											
5	Furnishing of 200mm nominal diameter spiral welded casing w/ min. wall thickness of 6mm incl. 0.8m stick up and sump pipe											
6	Furnishing of 200mm nominal diameter stainless steel continuous slot wirewound screens, slot size 1.5mm, 3m length each section or with min. open area of 30%											
7	Installation of casings and screens											

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8	Furnishing and installation of gravel pack at annulus around casings and screens 7-10mm well graded round particles									
9	Furnishing and installation of 50mmdia. galvanized gravel fill pipe with screw cap									
10	Development by surging including bailing out settlements									
11	Development by airlift method									
12	Step drawdown pumping test with five steps at one hour duration each step carried out in succession with discharge rate increasing in equal fractions of expected maximum discharge of 30 lps									
13	Contiuous constant discharge rate pumping test; Q=30lps									
14	Cement grouting of annulus space around bet. Casing and borehole									
15	Furnishing and installation of 37.5 mmdia. Water level sounding tube									
16	Temporary Facilities									
17	Preparation and submission of well drilling report and recommendation									