Drilling of Exploratory Well at Makiling Hills Subd., Brgy. Makiling, Calamba City

Item no	Description	Quantity	Unit	estimated cost	Mark up			Total Mark Up	VAT	Total Indirect Cost	Total Cost	Unit Cost
					OCM	Profit	Demobilization	Value				
1	Mobilization of One rotary drilling units accessories and staff to project site	1	lot									
2	Preparation of site and setting all equipment	1	lot									
3	Drilling of 250 mm diameter pilot hole including strata sampling every penetration or less when change of formation occurs	240	meters									
4	Reaming of pilot hole to 300 mm diameter hole 0-200m	240	meters									
5	Geophysical borehole logging(electric resistivity and self potential	1	lot									
6	Furnishing of 200mm nominal diameter spiral welded casing w/ min. wall thickness of 6mm incl. 0.8m stick up and sump pipe	196	meters									
7	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%	45	meters									
8	Installation of casings and screens	241	meters									
9	Furnishing and installation of gravel pack at annalus around casings and screens 7-100mm well graded particles	204	meters									
10	Furnishing and installation of 50mm dia.galvanized gravel fill pipe with screw cap	39	meters									
11	Development by surging including bailing out settlements	12	hours									
12	Development by airlift method	12	hours									
13	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	1	lot									
14	Contiuous constant discharge rate pumping test ;Q=30lps	72	hours									
15	Cement grouting of annulus space around bet. Casing and borehole	36	meters									
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									