

BoQ for drilling a borehole in Abu-Annga 2 near well number 27

Item	Description	Unit	Quantity	Unit price	Total Amount
1	Mobilization / Demobilisation				
1.1	Mobilization and Demobilization of all plant, materials, It include drilling rig, dump truck, compressor, water truck, and light vehicles.	No.	1		
1.2	up of the drilling rig and cart it away to place that determent by local authorities .	No.	1		
2	WELL DRILLING				
2.1	Drilling of 14" diameter borehole from 0 to 200 m to accommodate 12 diameter casing.	Meter	200		
2.2	conduct electrical well logging to prepare the borehole design and casing diagram	JOB	1		
3	SUPPLY AND INSTALLATION OF MATERIALS				
3.1	Supply and install 12 inch ASTM plain casing, 5.8 m long	Meter	140		
3.2	Supply and install 12-inch stainless steel, continuous slot Johnson screen slot opening is 0.016 or 0.020	Meter	60		
3.3	Supply and Install bottom plug/cap	SUM	1		
3.4	Supply and install gravel pack	M ³	10		
3.5	Supply and installing conductor iron pipe 14 inch 6meter length 5mm thickness	JOB	1		
	Clay seal backfill (2-10 m from found level)	M ³	10		
3.6	Well head construction and inject cement grout to protect borehole surface from 2-10m below the ground level, and build reinforced concrete Block rising from the surface with dimensions 80*80*60 cm	JOB	1		
4	WELL CLEANING, DEVELOPMENT AND COMPLETION				
4.1	Well development by airlifting until water is clean, after that testing of the turbidity must be less than 5 NTU as per SWC test & site engineer acceptance	JOB	1		
5	PUMPING TEST				
5.1	Conducting Step drawdown test (3 hours) in 3 steps, and constant rate test (5 hours),and recovery test for (5 hours).	SUM	1		
5.2	conduct water sample physical, chemical, and bacteriological analysis Total report	JOB	1		
5.3	Clean and disinfect well post drilling and pump testing.	SUM	1		
6	REPORTING				
6.1	Well completion report stratigraphic and construction logs, pumping test data and analysis, water quality data and analysis	JOB	1		
	Sub Total				
	VAT 17%				
	TOTAL				

Delivery time (mandatory)