BOQ
CONSTRUCTION OF DEEP BORE WELL AT IISER, MOHALI, PUNJAB.
SCHEDULE OF QUANTITIES

Sr. No.	Description of Items	Unit	Qty.	Rate	Amount
1	Drilling 24” to 27” dia bore hole by reverse circulation method in all kind of soils including rocks, boulders etc. including cost of consumable stores like fule, lubricants, bentonite mud, material and transportation of rigs machinery etc. and supply of strata chart and all other desired information etc. complete as per the direction of the Engineer-in-Charge.				
Note	1. Erection and dismantling of boring plant including all arrangement for the transportation of the boring equipment to site of work from the store of contractor at site and back are to be made by the contractor at his own cost. All rates should be quoted for supplying the material at site of work. Pits for collection of water and water for drilling tubewell be arranged by the firm / contractor at site his own cost.				
a	0-300 meter depth	mtr	275		
2	Supply, fixing & lowering in bore well 12” dia (323.90 mm outer dia) ERW MS electric resistant welded pipe pipes with sockets (housing pipe) confirming to IS:4270-1992 (with upto date amendments) duly ISI marked and approved by Engineeri-in-Charge. The housing pipe shall be in 4 mtrs to 5 mtrs randam length as per the site requirements with threaded ends (8 threads to an inch or 25.4 mm) manufactured out of 8.00 mm thick MS plate including the cost of requirement number of sockets of size 177.80 mm width made out of 1/2 “ (12mm thick) plate including painting with two coats of anti corrosive bitumastic paint of approved brand etc. complete as per the direction of Engineer-in Charge.	mtr	120		

					Page no.2
3	Supply, fixing & lowering in bore well 8" dia (219.10 mm outer dia) ERW MS electric resistant welded pipe pipes with sockets (housing pipe) confirming to IS:4270-1992 (with upto date amendments) duly ISI marked and approved by Engineeri-in-Charge. The blind pipe shall be in 4 mtrs to 7 mtrs randam length as per the site requirements with 76.02 mm of threaded end(8 threads to an inch or 25.4 mm) manufactured out of 8.00 mm thick MS plate including the cost of requirement number of sockets of size 152.4 mm width made out of 1/2 " (12mm thick) plate including painting with two coats of anti corrosive bitumastic paint of approved brand etc. complete as per the direction of Engineer-in Charge.	mtr	150		
4	Supply & fixing of stainless steel pipe of 8" dia with 0.75 mm S.S. slots with electric resistant weld make of Johnson including lowering, jointing all complete as per the direction of Engineer-in-	mtr	30		
	Charge.				
5	P/f bail plug of approved quality for 8" dia MS bore pipe complete in all respect.	each	1		
6	P/f MS centre guide of approved quality for 8" dia MS bore pipe complete in all respect.	each	8		
7	P/f MS threaded well cap with locking arrangement of approved quality for 12" dia MS pipe complete in all respect.	each	1		
9	P/f MS clamps 4" x 1/2" mild steel flat 5 ft. laying suitable to fit the housing pipe 12" of approved design & quality for 12" dia MS bore pipe complete in all respect.	each	1		

					Page no.3
10	P/f MS reducer socket of size 12" x 8" to be fabricated out of 12 mm sheet palte with the housing pipe 12" of approved quality for fixinf 12" dia MS pipe with 8" MS pipe complete in all respect as per the direction of Engineer-in-Charge.	each	1		
11	Development and stabilizing of tube well with the help of suitable capacity submersible pump / boring unit for required no. of hours as directed by the Engineer-in-Charge the cost of consumable stores, fuel, oil and other tools and plants.	Hrs	40		
12	Development of bore well using air compressor of 350 psi, 600 cfm pressure for required number of hrs including fuel etc. complete as per the direction of Engineer-in-Charge.	Hrs	40		
13	Supply & filling pea gravel of 1m to 3 m size around the casing pipe of bore well including all leads and lifts should pea gravel free from dust, dirt or vegetable manure complete as per the direction of the Engineer-in-Charge.	cum	150		
14	Providing Electrical logging of borewell complete as per the direction of the Engineer-in-Charge.	job	1		
	TOTAL				

Contractor