

Public Health Mechanical Division, Palanpur

S C H E D U L E - B				
Name of Work: Drilling of 200 and 250 mm dia. tube wells up to/Above 300 meters depth by D R / R R drilling rig in 12 different villages of Vadgam, Palanpur, Dhanera & Dantiwada talukas (Group A) of Banaskantha of Gujarat state.				
Qty	Description of Item	Rate	Unit	Amount
1	2	3	4	5
	Item No. 1: Pilot Drilling:			
3600	Drilling 250 / 300 mm dia. pilot bore at village site in all strata by mud flush direct rotary rig / reverse rotary rig by using bentonite powder (From 0 to up to 300 meters depth).	701.00	RMT	2523600.00
	Item No. 2: Reaming & Lowering Etc.:			
3600	(A) Reaming of 250 / 300 mm dia. bore hole to 450 mm dia. bore hole including assembling, jointing, lowering of housing casing, strainer / screen pipes and other assembly items with gravel packing and clay ball packing etc. (From 0 to up to 300 meters depth).	325.00	RMT	1170000.00
1500	(B) Reaming of 250 / 300 mm dia. bore hole to 550 mm dia. bore hole including assembling, jointing, lowering of housing casing, strainer / screen pipes and other assembly items with gravel packing and clay ball packing etc. (From 0 to up to 300 meters depth).	431.00	RMT	646500.00
300	(C) Reaming of 250 / 300 mm dia. bore hole to 600 mm dia. bore hole including assembling, jointing, lowering of housing casing, strainer / screen pipes and other assembly items with gravel packing and clay ball packing etc. (From 0 to up to 300 meters depth).	593.00	RMT	177900.00
	Item No. 3: Clay Balls:			
130	Supply of clay balls having size of 25 mm to 50 mm.	751.00	CMT	97630.00
	Item No. 4: Gravels:			
572	Supply of gravel of selected size 4 mm to 10 mm.	2029.00	CMT	1160588.00
	Item No. 5: Cement:			
5	Supply of cement.	6302.00	MT	31510.00
	Item No. 6: Cement Sealing:			
5	Cement sealing by using air line and through mud pump.	13273.00	JOB	66365.00

	Item No. 7: Bottom Cement Sealing:			
2	Bottom cement sealing job	6661.00	JOB	13322.00
	Item No. 8: Drop & Air Line:			
1800	(A) Lowering of 100 mm dia. drop line and 32 mm dia. air line in the drop line to develop each water bearing zone coming across the depth of tube well of size 200 / 250 mm dia. and depth up to 186 meters for development of tube well by air compressor.	143.00	RMT	257400.00
9	(B) Lowering of 100 mm dia. drop line and 32 mm dia. air line in the drop line to develop each water bearing zone coming across the depth of tube well of size 200 / 250 mm dia. and depth above 186 meters for development of tube well by air compressor.	26691.00	LS Job	240219.00
	Item No. 9: Air Compressor:			
3	(A) Running of air compressor of 600 CFM / 150 PSI capacity (For 200 mm / 250 mm dia. bore up to depth of 120 Meter) for zone wise development by drop line and air line method for minimum six hours or up to availability of sand free discharge.	22205.00	Job	66615.00
7	(B) Running of air compressor of 900 CFM / 200 PSI capacity (For 200 mm / 250 mm dia. bore above 120 meters and up to 200 meters depth) for zone wise development by drop line and air line method for minimum six hours or up to availability of sand free discharge.	27330.00	Job	191310.00
9	(C) Running of air compressor of 1100 CFM / 300 PSI capacity (For 200 mm / 250 mm dia. bore above 200 meters and up to 300 meters depth) for zone wise development by drop line and air line method for minimum six hours or up to availability of sand free discharge.	34662.00	Job	311958.00
	Item No. 10: Bore Clamps:			
12	(A) Clamps made from M S plate with 3 holes on either side with nuts & bolts of standard make & suitable to 200 mm dia. pipe of size 750 mm x 75 mm x 16 mm.	1627.71	Pair	19532.52
5	(B) Clamps made from M S plate with 3 holes on either side with nuts & bolts of standard make & suitable to 250 mm dia. pipe of size 900 mm x 100 mm x 16 mm.	2017.73	Pair	10088.65
	Item No. 11: Bore Plug:			
12	(A) Bore plug having 100 mm height made from M S plate of minimum 05 mm thickness with 3 holes at equal distance on circumference for nut bolts type locking arrangement with nut bolts & lock nuts of standard make etc. complete for 200	774.82	No.	9297.84

	mm dia. M S ERW pipes.			
5	(B) Bore plug having 100 mm height made from M S plate of minimum 05 mm thickness with 3 holes at equal distance on circumference for nut bolts type locking arrangement with nut bolts & lock nuts of standard make etc. complete for 250 mm dia. M S ERW pipes.	1150.12	No.	5750.60
	Item No. 12: Bail Plug:			
12	(A) M S bail plug having length of 0.45 meter made from medium class pipe as per IS suitable for 200 mm dia.	842.61	No.	10111.32
5	(B) M S bail plug having length of 0.45 meter length made from medium class pipe as per IS for suitable for 250 mm dia.	1054.48	No.	5272.40
	Item No. 13: Bent Plates:			
1764	(A) Steel bent plates suitable to 200 mm dia. M S pipe of size 150 mm x 150 mm x 6 mm.	66.59	No.	117464.76
735	(B) Steel bent plates suitable to M S 250 mm dia. pipe of size 200 mm x 150 mm x 6 mm.	90.80	No.	66738.00
	Item No. 14: Slotting:			
0	(A) Slotting of M S ERW pipes with minimum size of slot 6.75 cm x 6.35 cm x 3.12 mm of 200 mm dia.	0.22	Slot	0.00
1244160	(B) Slotting of M S ERW pipes with minimum size of slot 6.75 cm x 6.35 cm x 1.59 mm of 200 mm dia.	0.23	Slot	286156.80
486000	(C) Slotting of M S ERW pipes with minimum size of slot 6.75 cm x 6.35 cm x 3.12 mm of 250 mm dia.	0.24	Slot	116640.00
648000	(D) Slotting of M S ERW pipes with minimum size of slot 6.75 cm x 6.35 cm x 1.59 mm of 250 mm dia.	0.26	Slot	168480.00
	Item No. 15: Sealing of Existing Tube Well:			
1000	Sealing of existing tube well by sticky clay as per requirement.	99.00	RMT	99000.00
TOTAL Rs.				7869449.89
Say Rs.				7869450.00
In Words	Rs. Seventy-Eight Lakh Sixty-Nine Thousand Four Hundred Fifty Only.			

