

BOQ OF 200/150 TUBE WELL, DEPTH 125.0 METER**RATES BASED ON B.S.R. 2018 EFFECTIVE FROM 27.09.2018**

SL.	BSR-18	DESCRIPTION OF ITEM	UNIT	RATE	QUANTITY	AMOUNT
1	24.1	Boring/drilling bore well of required dia for casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in charge, upto 90 metre depth below ground level..				
	24.1.1.3	All types of soil 400 mm dia	Mtr.	544.20	90.00	48,978.00
2	24.2	Boring/drilling bore well of required dia for casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools,plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level.				
	24.2.1.3	All types of soil 400 mm dia	Mtr.	715.80	40.00	28,632.00
3	MR	Crompton Greaves - 7.5 HP submersible pump 350 LPH at 63m head and 400 LPH at 52 m head , 2" deliver size delived size , including panel, lable, cover and clamp	Each	43000.00	1.00	43,000.00
4	24.11	Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 plain slotted (having slot of size 1.6/3.2 mm) mild steel threaded and socketed / plain bevel ended pipe (type A) of required dia, conforming to IS: 8110, of reputed and approved make, having wall thickness not less than 5.40 mm, including painted with outside surface with two coats of anticorrosive bitumestic paint of approved brand and manufacture,including hire & labour charges, fittings & accessories, all complete,for all depths, as per direction of Engineer -in-charge.				
	24.11.2	150 mm nominal size dia	Mtr.	1379.30	30.00	41,379.00
5	18.10	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.				
	18.10.6	50 mm dia nominal bore	Mtr.	458.40	100.00	45,840.00
6	18.19	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 50 mm nominal bore Vertical				
	18.19.4	50 mm nominal bore		1163.00	1.00	
	18.19.4.2	Vertical	Each			1,163.00
7	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
	18.17.4	50 mm nominal bore	Each	926.20	1.00	926.20

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8	24.12	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	Hour	594.60	24.00	14,270.40
9	24.13	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of:				
	24.13.3	200 mm dia	Each	248.40	1.00	248.40
10	24.15	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I).				
	24.15.3	200 mm dia	Each	273.50	1.00	273.50
11	M.R.	Providing and laying cable of finolex make (1x3x2.5) for connection from motor to control panel complete with all respect	Mtr.	150.00	85.00	12,750.00
12	24.14	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.				
	24.14.2	150 mm clamp	Each	1190.00	1.00	1,190.00
13	24.8	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	Cum	1225.10	9.60	11,760.96
14	24.10	Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 mild steel screwed and socketed/ plain ended casing pipes of required dia, conforming to IS: 4270, of reputed & approved make, including painted with outside surface with two coats of anticorrosive paint of approved brand and manufacture, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer-in-charge.				
	24.10.2	150 mm nominal size dia having minimum wall thickness 5.00 mm	Mtr.	1119.70	50.00	55,985.00
	24.10.3	200 mm nominal size dia having minimum wall thickness 5.00 mm	Mtr.	1618.40	40.00	64,736.00
15	24.15	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I).				
	24.15.3	200 mm dia	Each	273.50	1.00	273.50
16	18.66	Providing and laying S&S C.I. Standard specials such as tees, bends, collars tapers and caps etc, suitable for flanged jointing as per IS : 1538 :				

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	18.66.1	Up to 300 mm dia	quintal	7115.70	0.04	284.63
17	M.R.	Providing chamber of size 1.0 x 1.0 x 0.75 Meters around the tubewell headd , having 250 mm thick Brick wall duly plastered and painted.	Each	15000.00	1.00	15,000.00
			TOTAL AMOUNT (RS.)			386,690.59
		Rupees Three Lakh Eighty-six Thousand Six hundred Ninety-one only			Say	386,691.00
		I am ready to do the work:-				
		1. On estimated cost:-				
		2. Above estimated cost:-				
		3. Below estimated cost:-				
		Signature of Contractor			Signature of Manager (Engg.)	