

**URBAN DEVELOPMENT AND HOUSING DEPARTMENT  
OFFICE OF THE EXECUTIVE OFFICER  
NAGAR PANCHAYAT, PHULPARAS.**

NIT No.-		Group No.-					
Bill of Quantity For		Construction of 100 mmx 50 mm Dia & 120 M Deep Tube Well, steel structure staging for 2000 liter water tank in Nagar Panchayat Phulparas Ward No (01 to 15) for the year 2025-26 Total 35 Submersible.					
Date of downloading Tender document by contractor		:-					
Last Date of Tender uploading by contractor		:-					
Estimated Cost (In Rs.)		12267000.00					
Earnest Money (In Rs.)		:-					
Cost of B.O.Q. (In Rs.)		:-					
Time of Completion (In months)		03 MONTH					
Construction of 100 mmx 50 mm Dia & 120 M Deep Tube Well, steel structure staging for 2000 liter water tank in Nagar Panchayat Phulparas Ward No (01 to 15) for the year 2025-26 Total 35 Submersible.							
S.No.	Description	Qty.	Unit	Rate			Amount
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 150 meter depth below ground level						
24.1.1.1	(a) 300mm dia bore from G.L. to 30.0M	30.0	M	P/M	Rs.486.80		Rs.14,604.00
24.1.1.1	(b) 300mm dia bore from 30.0 m to 60.0M	30.0	M	P/M	Rs.486.80		Rs.14,604.00
	(c) 300mm dia bore from 60M to 90.0M	30.0	M	P/M	Rs.486.80		Rs.14,604.00
24.2.1	(d) 300mm dia bore from 90.0M to 150.0M	30.0	M	P/M	Rs.567.90		Rs.17,037.00
2	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC (UPVC) medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.						
24.3.1	(a) 100 mm nominal size dia	30.0	M	P/M	Rs.546.10		Rs.16,383.00
24.3.4	(b) 50 mm nominal size dia	60.0	M	P/M	Rs.236.70		Rs.14,202.00
3	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC (UPVC) medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.						
24.4.4	50 mm nominal size dia	30.0	M	P/M	Rs.354.90		Rs.10,647.00
4	Supplying the following fittings & fixing the same in position as per approved lowering assembly and strata chart including providing all equipments and welding the same on process of lowering the assay etc. all complete as per S/D of EA.						
24.13.1	(a) 100 mm dia well cap	1	No.	Each	Rs.189.70		Rs.189.70
24.14.1	(b) 100 mm dia M.S. Clamp 1.6 M long (one Pair)	1	No.	Each	Rs.1,448.40		Rs.1,448.40
	(c) 100 mm dia center guide	4	Nos.	Each	Rs.100.00		Rs.400.00
	(d) 50 mm dia center guide	8	Nos.	Each	Rs.75.00		Rs.450.00
	(e) 100 mm x 50 mm dia 6mm wall thickness MS reducer	1	No.	Each	Rs.250.00		Rs.250.00
	(f) 50mm dia & 6mm thick M.S. well shoe plug	1	No.	Each	Rs.200.00		Rs.200.00
5 24.8	Gravel packing in tubewell construction in accordance with IS:4087,including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	3.0	M <sup>3</sup>	P/M <sup>3</sup>	Rs.1,343.20		Rs.4,029.60
6	Carrage of Pea Gravel from Dalbhumigarh to Patna (taken av distance 395+ 5km.) @/5 (395 x 9.40+ 5 X 22.80) + 182.80/-01	3.0	M <sup>3</sup>	P/M <sup>3</sup>	Rs.10,062.31		Rs.30,186.93

*Siddhanta Kumar*  
16/03/2026  
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7 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 sample & getting tested in approved laboratory, 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.	12	Hrs.	P/H	Rs.916.80				Rs.11,001.60
8	Transportation of drilling plants, developing equipments & all other required tools and M/c by and suitable mechanical means including all cost of loading, unloading, placing at work site and back after completion of work as per S/D of E/I.	1	No.	Each	Rs.9,200.00				Rs.9,200.00
9	Supplying all materials and labours for arrangement for additional water required during the drilling period for 70 Hrs & site clearance & leveling etc. And providing the soap duster etc. to staff engaged in drilling etc. all complete work as per specification & direction of E.I.	1	No.	Each	Rs.5,000.00				Rs.5,000.00
10 18.48	Providing and placing on iron stand polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings.	2000	Ltr	P/Ltr	9.70				Rs.19,400.00
11	For foundation of iron stand, boring, providing and installing bored cast-in-situ reinforced concrete piles of grade M-25 of specified diameter and length below the pile cap to carry a safe working load not less specified excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of same and the length of the pile to be embedded in the pile cap etc. all complete, including removal of excavat of excavated earth with all lifts and leads (Length of pile for payment shall be measured upto bottom of pile cap).								
20.2.1	300mm dia pile	4	M	P/M	902.60				Rs.3,610.40
12	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Mild steel 10mm dia	30	P/kg	kg	96.70				Rs.2,901.00
13	Providing and fixing PTMT extension nipple for water tank pipe, fitting of approved quality, colour and make (Prayag or equivalent) 25mm nominal bore, weighing not less than 62 gms.	8	Job	P/Job	100.60				Rs.804.80
14	Providing and fixing ball valve (brass) of approved quality, High or low pressure with plastic floats complete 25mm nominal bore	1	Job	P/Job	399.20				Rs.399.20
15	Providing and fixing chlorinated Polyvinyl - chloride (CPVC) pipes having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fitting with one step CPVC solvent cement trenching refilling & testing of joints complete as per direction of E/I.								
18.7.4	32mm dia	30	P/M	P/M	395.20				Rs.11,856.00
18.7.1	15mm dia	25	P/M	P/M	172.00				Rs.4,300.00
16 18.57	Providing and fixing PTMT, push cock of approved quality and colour 15 mm nominal bore, 98 mm long, weighing not less than 75gms	5	each	each	96.40				Rs.482.00
17	Cost of iron stand (minimum 3m height) structural steel work riveted or bolted in built up sections trusses and framed work including cutting hoisting, fixing in position and applying apron coat of approved steel primer all complete.	500	P/kg	P/kg	95.40				Rs.47,700.00
18	Cost of fitting and fixing of foundation of iron stand with bolt and require accessories	1	Job	P/Job	2500.00				2,500.00
19	Earth work in excavation over areas (exceeding 30 cm in depth 1.5 width or 10sq .m on plan ) dressing of sides and ramming of bottoms lift up to 1.5m including getting out the excavated soil and disposal of surplus excavated soil as directed within lead of 50m.								
2.8.1	4x1.2x0.15	0.72	M3	P/M3	360.70				Rs.259.70
20	Supplying all filling in foundation with local sand including watering ramming taxes & royalty all complete								
2.28	4x1.2x0.05	0.24	M3	P/M3	287.30				Rs.68.95
21	Providing designation 100A one brick flat soling filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of engineer-in-charge.								
11.72	4x1.2	4.80	M2	P/M2	283.30				Rs.1,359.84

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