

MUNICIPAL CORPORATION BHILAI (C.G.)

NIT

Name of work :- यार्ड क्र. 70 हुडको दशहरा मैदान स्थित डोमशेड के समीप पेयजल व्यवस्था हेतु सार्वजनिक 01 नग बोर खनन सह मोटर पंप स्थापना कार्य।

S.no.	Description and details of work	Building SOR 10.06.2026 & ELEC SOR 10.06.2026	
		Qty.	Unit
1	Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/strainer pipe, by table 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.		
	All types of soil		R.mt
	150MM DIA	25	
2	Rocky strata including Boulder		R.mt
	150MM DIA	85	
3	Supplying, assembling, lowering and fixing in vertical position in bore well, ISI marked G.I. casing pipe (Plain) medium class in 4 to 7 meters length one end fitted with socket as per IS: 1239 (Part-I&Part-2) 1992 with IVth revision (Up-to-date amendments), of reputed & approved make, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer- in-charge.		R.mt
	150mm nominal size dia	27	
4	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.(In all types of soils.)	1.34	cum
5	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mmnominal size).	0.144	cum
6	12.3 Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement. 12.3.1 40 mm thick	1.44	sqm
7	Providing and placing in position India Mark II hand pump with 32 mm diameter riser pipe assembly complete with all accessories (riser pipe and plunger rod to be paid separately	1	
8	Providing ISI Mark 32 mm dia G.I. (B class) riser pipe and M.S. plunger rod in 3 meter length socketed on one end as per IS: 1239 (Part I) 1990 with up to date amendments and socket as per IS: 2062/1990 up to date amendments.	40	
9	Carrying out the resistivity survey by VES method using Schlumberge cconfiguration for locating the proper spot for drilling of tube well within the selected habitation, including photography, interpretation of resistivity data and submission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful point is payable)	1	
10	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-In-charge. (excavation of pit will be paid separately).		
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	0.4	cum
	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders	0.4	cum
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	0.3	cum
11	Providing and fixing 80-100 mm dia PVC ball valve for inlet/ outlet of rain water harvesting pipe and filter.	2.5	m

सहायक अभियन्ता

नगर पालिक निगम, भिलाई

उप अभियन्ता

नगर पालिक निगम, भिलाई