

**MUNICIPAL CORPORATION BHILAI (C.G.)**

**NIT**

**वार्ड 22 कुरुद शीतला तालाब में फिल्टर मिडिया निर्माण कार्य।**

**PWD Building SOR 01.01.2015**

S.No.	Description and details of work	Qty.	Unit
1	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 soil	16.22	Cum
2	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 40mm nominal size).	4.30	Cum
3	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	40.95	Cum
4	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	189.28	Sqm
5	Neat Cement punning. as per 15mm plaster	189.28	Sqm
6	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	7.92	Cum
	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders	7.92	Cum
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	15.84	Cum
7	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete. 110 mm dia pipe.	30.00	mtr
	150 mm dia pipe.	30.00	mtr
8	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	680.00	Kg
9	Providing and laying nominal mix reinforced cement concrete with crushed stone .. work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).+ Extra for precast PCC/ RCC work of any mix including form .. 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement.	3.98	Cum
10	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete: Thermo-Mechanically treated bars FE 415	637.44	Kg



**ASSTT.ENGINEER**  
Nagar Palik Nigam, Bhilai

**SUB ENGINEER**  
Nagar Palik Nigam, Bhilai