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## MUNICIPAL CORPORATION BHILAI (C.G.)

NIT

जोन 02 अंतर्गत समस्त सामुदायिक भवनों में रेन वाटर हार्वेस्टिंग 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		
		29.952	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).	0.936	Cum
3	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	9.90	Cum
	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders	4.95	Cum
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	4.884	Cum
4	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.		
		42.000	mtr
5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	14.688	Cum
6	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.		
		2.592	Cum
7	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		
		103.68	Kg



ASSTT.ENGINEER

Nagar Palik Nigam, Bhilai



SUB ENGINEER

Nagar Palik Nigam, Bhilai