

MUNICIPAL CORPORATION OF BHILAI NIT

कार्य का नाम :- जोन 01 क्षेत्रांतर्गत नलकूप जल स्रोत के समीप सोखपीट एवं प्लेटफार्म
निर्माण कार्य।


(As Per PWD Building SOR 01.01.2015)

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
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 soils.	287.30	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).	9.35	Cum
3	Half brick thick honey comb brick work with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 upto plinth level. Cement Mortar 1:3 (1 cement : 3 coarse sand)	358.40	Sqm
4	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	54.00	Cum
	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders	27.20	Cum
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	20.40	Cum
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form 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 work, hoisting and fixing in Cement Mortar. 1:2 (1 Cement : 2 coarse sand) and finishing with cement plaster in Cement Mortar 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement.	11.60	Cum
6	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	691.20	kg

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
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.	200.00	METER
8	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)	13.95	Cum
9	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	10.80	Cum
10	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)	54.00	Sqm
11	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. 50 mm thick	101.25	Sqm

Executive Engineer
Municipal Corporation
Bhilai


Asstt. Engineer
Municipal Corporation
Bhilai


Sub. Engineer
Municipal Corporation
Bhilai