


MUNICIPAL CORPORATION OF BHILAI

NIT


वार्ड क्र. 44 लक्ष्मीनारायण नगर स्थित शौचालयों के सेप्टिक टैंक निर्माण कार्य।

(As Per PWD Building SOR 01.01.2015)

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
1	Excavation for all types and sizes of foundations, trenches and drains or forupto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil	112.86	cum
2	Extra rate for lead for every 50m lead or part thereof and upto 150 m beyond 50 m free lead and 1.5 m free lift by manual means only. For Soils	56.43	cum
3	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	7.52	cum
4	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)	38.54	cum
5	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	4.77	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 all complete: Thermo-Mechanically treated bars FE 415	1430.28	kg
7	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:		
	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves. (cast in situ)	32.10	sqm
8	12mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)	142.20	sqm
9	Neat Cement punning.	138.30	sqm
10	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	101.10	sqm
11	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	3	each
13	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.	104.40	cum


Executive Engineer
Municipal Corporation
Bhilai

Assistant Engineer
Municipal Corporation
Bhilai


Sub Engineer
Municipal Corporation
Bhilai