

MUNICIPAL CORPORATION BHILAI

NIT

NAME OF WORK - सेक्टर 10 रूआबंधा पानी टंकी मे स्थित J.D ऑफिस का संधारण कार्य।

BUILDING SOR 2015

S.NO.	PARTICULARS OF ITEMS	QUANTITY	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 soils.	15.75	cum
2	Extra for every additional lift of 1.5 m or part thereof. All types of soils	2.25	cum
3	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.	2.72	cum
4	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).	1.13	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). Base Walls Beam Slab	4.80	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 Wt of steel @ 100Kg per CUM	479.60	kg
7	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level. Base Walls inner beam	22.16	sqm
8	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) Slab	6.00	sqm
9	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in oundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	0.20	cum
10	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand) Walls Baffle Neat Cement punning	22.80	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. 40 mm thick	6.00	sqm
12	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design: With 20 mm diameter round bar	6.00	each
13	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.	1.00	each

14	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete. Size upto 200x300mm	138	sqm
15	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete 14.1.1 Upto 2 mm thickness to make surface even and smooth in line and level.	85	SQM
16	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. 14.11.1 On new work (two or more coats)	595	SQM
			25 % FOR ELECTRIC WORK TOTAL
			15 % SANITARY WORK TOTAL
			25 % WATER SUPPLY WORK TOTAL


EXECUTIVE ENGINEER
MUNICIPAL CORPORATION
BHILAI


ASSISTANT ENGINEER
MUNICIPAL CORPORATION
BHILAI


SUB ENGINEER
MUNICIPAL CORPORATION
BHILAI