

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

कार्य का नाम :- वार्ड 03 शासकीय प्रा.शाला नेहरू नगर का संधारण कार्य।

(As Per PWD Building SOR 01.01.2015 & Electric SOR 01.06.2020)

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. 1.1.1 In all types of soils.	32.00	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).	13.95	Cum
3	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. 3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	8.76	Cum
4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	13.50	Cum
5	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 500D	1780.80	Kg
6	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:		
7	Columns, Pillars, Piers and likes- rectangular or square in shape	36.00	Sqm
8	Beams, lintels, cantilevers & walls	45.00	Sqm
9	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	75.00	Sqm
10	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.	47.18	Cum
11	Brick work with modular well burnt (open bhatta) clay bricks of crushing strength not less than 20 kg/sqcm and water absorption not more than 25% in foundation and plinth in: 7.4.1 Cement Mortar 1:6 (1 Cement : 6 Coarse Sand)	2.50	Cum
12	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:Cement Mortar 1:6 (1 cement : 6 coarse sand)	4.50	Cum
13	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:In Cement Mortar 1:6 (1 cement : 6 fine sand)	100.00	Sqm

S.No.	Description and details of work	Qty.	Unit
14	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete. 12.9.1 Size 300x 300mm	75.00	Sqm
15	Providing and applying 2mm thick ready mix exterior grade approved make putty (manufactured with cow dung processing) on walls to make the surface smooth and even.	280.69	Sqm
16	Wall painting with premium emulsion (plastic) manufactured with cow dung processing emulsion paint of required shade to give an even shade On new work (two or more coats)	760.87	Sqm
17	Painting exterior surface with SMOOTH exterior emulsion paint manufactured with cow dung to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work (Two or more coats applied @ 1.43 ltr/10 sqm)	779.75	Sqm
18	Painting on old work (one or more coats) to give an even shade with: Satin synthetic enamel paint	180.00	Sqm
19	25mm thick cement concrete flooring with 1:2:4 cement concrete (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) finished with floating cost of neat cement.	240.00 7440.00	Sqm

**Executive Engineer
Municipal Corporation
Bhilai (C.G)**

Rashmi
**Asstt. Engineer
Municipal Corporation
Bhilai (C.G)**

J. M.
**Sub. Engineer
Municipal Corporatio
Bhilai (C.G)**