

**MUNICIPAL CORPORATION BHILAI
NIT**


वार्ड क्रमांक 35 गांधी चौक के पास सार्वजनिक भवन निर्माण कार्य।


Based on PWD/SOR 1-01-2015 (building works) Electrification Work 1.6.2020

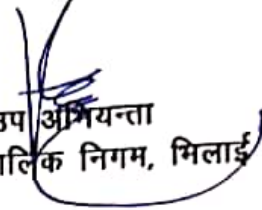
Item No.	Particulars of item	Qty.	Unit
1	2	7	9
1	Dismantling lime/ cement plaster or skirting at any height raking out joints and cleaning the surface for plaster including disposal of rubbish within 50 metres lead.	640.00	Sqm
2	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.	6.40	m ³
3	Demolishing cement concrete including disposal of material within 50 metre lead. 1:4:8 or leaner mix	2.50	m ³
4	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.	26.85	m ³
5	Dismantling terrazzo or mosaic or glazed vitreous or patent cement or tiled flooring or dado skirting of any thickness without sub base.	100.00	Sqm
6	Dismantling doors chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead.	10.00	Each
7	Dismantling windows chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead.	20.00	Each
8	Excavation for all types and sizes of foundation, trenches and drains or for any other purpos including disposal of excavated stuff upto 1.5 m lift and upto 50 m (at least 5m away from the excavated area), including dressing and leveling of pits. Page No.9, Item No.1.1(i) In all types of soil	52.13	Cum
9	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. Page No.23, Item No.3.1.2(ii) 1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size).	6.40	Cum
10	(iii) 1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40mm nominal size). Page No.23, Item No.3.1.3(iii)	6.81	Cum
11	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all work upto floor five level excluding cost of reinforcement and form work. Page No.23, Item No.3.2.1 (ii) 1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size). b) M-20	12.76	Cum
12	Extra for laying PCC/RCC of any grade in super structure above plinth Lvl for every floor or part thereof in addition to rate for foundation and plinth . Page No.23, Item No.3.4	16.91	Cum
13	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 & plinth all complete: thermo Mechanically treated steel bars FE 415 Page No.24, Item No.3.12.1	3231.72	Kg
14	Providing and fixing formwork ncluding, shuttering, strutting, staging, propping bracng etc. complete and including its removal at levels, for: Page No.16, Item No.2.1 (i) Foundation, footings, bass of columns and plinth beam in any. Shape and size	11.36	Sqm

Item No.	Particulars of item	Qty.	Unit
1	2	7	9
15	(v) Columns, pillars Piers and likes-rectangular or square in shape	26.16	Sqm
16	(viii) Beams, lintels, cantillevers & walls	115.12	Sqm
17	(vii) Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in stu)	94.80	Sqm
18	Brick work with modular well burnt clay bricks of crushing strength not less than 25 kg/sqcm and water absorption not more than 20% in foundation and plinth in : page no. 44 item No. 7.2.2 Cement Mortor 1:6	2.19	Cum
19	Extra for brick work in superstructure Above plinth level for every floor or part there of in addition to rate for foundation and plinth	10.79	Cum
20	Providing and laying damp proof course (upto 50mm thick with plain cement concrete 1:2:4 (1 cement :2 coarse sand : 4graded crushed stone aggregate 20mm nominal size) including formwork. Page No.24, Item No.3.13	0.37	Cum
21	Providing and filling in plinth with sand/Crusher dust and hard moorum under floor in layers not exceeding 20 Cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. Page No.11, Item No.1.18	34.07	Cum
22	Providing & making 12 mm thick cement plaster of mix: Page No.103, Item No.11.2.4 (iv) In Cement mortar 1:6 (1 Cement :6 fine sand)	120.45	Sqm
23	Providing & making 15 mm thick cement plaster on the rough of side of single or half brick wall of mix: Page No.103, Item No.11.3.4 (iv) In Cement mortar 1:6 (1 Cement :6 fine sand)	142.53	Sqm
23	Providing and fixing factory made 25 mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762 mm X 25mm or less as per requirement with an avarege wall thickness of 1mm ±0.3mm. PVC foam end cap of size 23x10 mm are provided on both vertical edges to ensure the overall thickness of 25mm. An M.S. tube having dimensions 19 mm x19 mm is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom rldges of the shutter are covered with an end-cap of the size 25 mm X 11 mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufactures' specification. Page No.73, Item No.8.150	37.80	Pre Sqm
23	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat of red oxide zinc chromate primer. PageNo.81, ItemNo. 9.15 with frame	248.10	Kg
23	Preparation of wall surface by applying a cost of putty comprising of chalk mitti, varnish and white lead in ratio 2½:1:1 (2½ kg chalk mitti:1 litre varnish : 1 kg white lead) respectively, sand papering and making the surface smooth to proper shape and presentable conditions. Page No.132, Item No.14.4	142.53	Sqm
23	Wall painting with acrylic luxury emulsion (plastic) paint (top most approved branded quality) to give an even shade. On new work (two or more coats) Page No.133, Item No.14.11.1	142.53	Sqm
23	Painting new exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturers specification to give protective and decorative finish including cleaning washing of surface etc complete with: on new work (two or more coats applied at 1.43ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20kg/10sqm) Page No.133, Item No.14.16.1	120.45	Sqm

	Particulars of Item	Qty.	Unit
	2	7	9
23	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 @ 3.3 kg per sqm including pointing in white mixed with matching pigment complete. Page No.111, Item No.12.7.2 size above 200 x300	78.00	Sqm
23	Painting on new work (two or more coats) to give an even shade with: Page No.134, Item No.14.22.2(ii) Premium synthetic enamel paint	1.99	Sqm
23	For Electrification work	1.00	Sqm


 कार्यपालन अभियन्ता
 नगर पालिक निगम, मिलाई


 सहायक अभियन्ता
 नगर पालिक निगम, मिलाई


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