

# MUNICIPAL CORPORATION BHILAI (C.G.)

## N.I.T.

वार्ड क्रमांक 20 वैशाली नगर शा. प्रा./मा. एवं उच्च मा. शाला में शौचालय का संधारण कार्य।

[As per C.G. P.W.D. - Building S.O.R. In Force From 20.04.26] & [As per C.G. P.W.D. - ELCTRIC S.O.R. In Force From 10.04.26]

S.No.	Particulars of Items	QUA.	UNIT
1	Repairs to plaster in patches of area 2.5 sq. metres and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls with cement mortar 1:4 (1 cement 4 fine sand) complete including disposal of rubbish to the dumping ground within 50metres lead: Thickness upto 15mm	264.83	Sqm
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).	4.73	cum
3	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.1:1½:3 (1 cement: 1½ coarse sand 3 graded stone aggregate 20mm nominal size).	10.63	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)	3.462	cum
5	Providing and making 12mm thick cement plaster of mix:In Cement Mortar 1:6 (1 cement: 6 fine sand)	175.00	Sqm
6	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)	152.00	sqm
7	White washing/ Colour washing with lime to give an even shade in Three or more Coats for New surface as per relevant IS code 6278:1971 Consumption of lime 3.50kg /10 Sqm with all tools tackles and labour etc. complete for the work.	327.00	sqm
8	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete Upto 2 mm thickness to make surface even and smooth in line and level.	327.00	sqm
9	Providing and replacing broken floor tile with ceramic 15622 of glazed floor tiles conforming to IS approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement 4 coarse sand) including removing the broken tile and mortar, pointing the joints with white cement mixed with matching pigment etc., complete.	33.54	sqm
10	Taking out door shutters (steel or wood) including stacking within 50 metres lead.	5.00	each
11	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required:White pedestal type	2.00	each
12	Providing and replcing broken vitreous china water closet squatting pan (Indian type) including removing the broken squatting pan and mortar, cutting and making good the walls and floors wherever required:White Long pattern W.C. pan of size 580 mm	5.00	each
14	Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556, and other couplings in C.P. brass complete:Flat back type urinal of size 460x180x250mm	4.00	each
14	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.	13.00	each

16	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. CONCEALED WORK including cutting chases and making good the walls etc.,		
	15 mm nominal outer dia pipes	15.00	m
	20 mm nominal outer dia pipes	15.00	m
	25 mm nominal outer dia pipes	15.00	m
	32 mm nominal outer dia pipes	15.00	m
17	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:	10.00	each
18	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	1000.00	lit
19	Providing and fixing aluminium composite panels in approved panel sizes, thickness and shape on aluminium frame work on face of building. (Frame to be paid separately)	5.32	sqm
20	Designing, providing and fixing aluminium frame work made of special aluminium section on building face with M.S. angle iron brackets fixed on RCC structure with S.S. hold fasteners, including providing and fixing two sided structural adhesive tape of appropriate grade (NORTON or equivalent), on aluminium sections for fixing aluminium/ glass panel, sealing on periphery of frame work, by providing EPDM gasket, silicon weather sealant between aluminium frame and building structure including hire charges of double scaffolding complete.	12.10	kg

  
ASST. ENGINEER

Nagar Palik Nigam, Bhilai

  
SUB ENGINEER

Nagar Palik Nigam, Bhilai