

MUNICIPAL CORPORATION OF BHILAI

N.I.T.

वार्ड क्र. 48 पम्प हाउस मैदान में भवन संधारण कार्य।

(As Per PWD Building SOR 10.06.2026 & Electric SOR 10.06.2026)

S.No	Particular	No	L	B	H/d	QTY	UNIT
1	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.						
		2	1.00	0.20	3.00	1.20	
		2	1.00	0.20	3.00	1.20	
						2.40	Cum
2	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.						
		2	5.00		8.00	80.00	
		2	10.00		8.00	160.00	
						240.00	sqm
3	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.						
		1	1.00	0.30	4.00	1.20	
						1.20	cum
4	Demolishing cement concrete including disposal of material within 50 metre lead. 1:3:6 or richer mix						
		4	1.00	3.00	0.10	1.20	
						1.20	cum
5	Dismantling doors chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead						
		2				2.00	
						2.00	each
6	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.						
		2	1.20	1.20	1.20	3.46	
						3.46	sqm
	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).						
		2	1.20	1.20	0.10	0.29	
		2	8.00	6.00	0.10	9.60	
						9.89	Cum
	Providing and laying Matt Glazed finish HOMOGENEOUS ACROSS FULL BODY VITRIFIED floor tiles (heavy duty) with water absorption less than 0.05% and conforming to IS: 15622-2017 of 1st quality of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse Sand) including grouting the joints with white cement and matching pigment etc. complete. Size 600x600mm thickness 9 to 10mm						
		2	6.00	6.00		72.00	
		1	8.00	5.50		44.00	
						116.00	sqm
	Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:						

a	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)						
		1	1.00		4.00	4.00	
						4.00	sqm
b	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.						
		2	0.50		2.00	2.00	
		2	0.50		3.00	3.00	
						5.00	sqm
	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. (Note :Excess/ less cement used as per design mix is payable/recoverable separately) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).						
		2	1.20	1.20	0.10	0.29	
		2	0.82		0.45	0.74	
		2	0.20	0.30	1.50	0.18	
						1.21	Cum
	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. (Note :Excess/ less cement used as per design mix is payable/ recoverable separately) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). 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:						
		1	1.00	4.00	0.12	0.48	
		2	0.30	0.20	3.00	0.36	
						0.84	Cum
7	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to S:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)						
		1	1.20	0.20	0.60	0.14	
						0.14	cum
8	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) Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:						
		-4	1.20	0.20	1.20	-1.15	
						-1.15	cum
11	Providing and fixing steel door with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. applying a priming coat of red oxide zinc chromate primer..						
		4	1.00	2.10	25.00	210.00	
		4	1.20	1.20	20.00	115.20	
	as per 20kg/sqm					325.20	kg
13	6 mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)						
		1	6.00	6.00		36.00	
						36.00	sqm
	12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)						
		1	3.00	3.20		9.60	
		1	2.00	2.70		5.40	
		1	1.80	2.00		3.60	
						18.60	sqm

	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						
		1	1.20	3.20		3.84	
						3.84	sqm
15	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.						
			60.00			60.00	
						60.00	sqm
18	Providing and applying on exterior surface with PREMIUM Exterior emulsion paint of required shade to give protective and water proof finish minimum 3 coats applied @ 1.40 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D , C (Glossy /Semi Glossy finish) (Product such as Asian Apex , Dulux Weather Shield Prima E900 , Berger Weathercoat Antidust , with all tools tackles and labour etc. complete for the work.(With 3Year Warranty.)						
		4	6.00	6.00	3.60	518.40	
						518.40	sqm


 Executive Engineer
 Municipal Corporation
 Bhilai


 Assistant Engineer
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 Sub Engineer
 Municipal Corporation
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