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:						

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a	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)					4.00	
		1	1.00		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.					2.00	
		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**

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	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
Municiapal Corporation
Bhilai

Assistant Engineer
Municipal Corporation
Bhilai

Sub Engineer
Municipal Corporation
Bhilai

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