

MUNICIPAL CORPORATION OF BHILAI

कार्य का नाम :- वार्ड क्र. 38 श.वी.ना. सिंह नगर में राम्हेपुर स्कूल के सामने मंच का संधारण कार्य।

N.I.T

(As Per PWD Building SOR 10.06.2026 & Electric SOR 10.04.2026)

S.No	Item Code	Particular	No	L	B	H/d	QTY	UNIT
1	16.42	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.						
			1	7.00	9.00	0.10	6.30	
			2	32.00	0.20	0.20	2.56	
2	1.1	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 ----- (at least 5m away from the excavated area), including dressing and leveling of pits.					8.86	Cum
	1.1.1	In all types of soils.						
			8	1.50	1.50	1.50	27.00	
			1	20.00	0.30	0.30	1.80	
3	3.1	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.					28.80	cum
	3.1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).						
			8	1.50	1.50	0.10	1.80	
			1	20.00	0.30	0.10	0.60	
			1	7.60	5.10	0.10	3.88	
4	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level (Note : Excess less cement used as per design mix is payable/recoverable separately).					6.28	cum
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).						
		column	8	1.50	1.50	0.15	2.70	
			8	1.25	0.60		6.00	
		Ground Beem	1	20.00	0.20	0.30	1.20	
		Lintal & Slab Beem	2	20.00	0.20	0.20	1.60	
			2	5.50	0.20	0.30	0.66	
		Slab	1	6.20	4.70	0.10	2.91	
		Column	8	0.20	0.30	2.50	1.20	
			8	0.20	0.30	0.80	0.38	
			2	20.00	0.60	0.08	1.92	
5	3.12	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 all complete:					18.58	cum
	3.12.1	Thermo-Mechanically treated bars FE 415						
				18.58	100.00		1857.80	kg

6	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:							
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.						6.40	
			8	1.00	0.80			12.00	
			2	20.00	0.30			18.40	sqm
	2.1.6	Columns, Pillars, Piers and likes- rectangular or square in shape							
			8	1.00	2.80	0.25		5.60	sqm
	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)							
			2	20.00	0.30			12.00	
			1	6.20	4.70			29.14	
								41.14	sqm
	2.1.8	Beams, lintels, cantilevers & walls							
			2	20.00	0.20			8.00	
			2	20.00	0.70			28.00	
								36.00	sqm
7	7.5	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:							
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)							
			1	20.00	0.20	0.60		2.40	
								2.40	cum
8	7.6	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:							
			1	20.00	0.20	3.00		12.00	
			-4	1.00	0.20	2.10		-1.68	
			-4	1.20	0.20	1.20		-1.15	
								9.17	cum
9	1.18	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.							
			1	7.60	5.10	0.60		23.26	
								23.26	cum
10	3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including formwork							
			1	20.00	0.20	0.05		0.20	sqm
11	9.13	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..							

		as per 20kg/sqm	1	1.00	2.10	25.00	52.50	
			1	1.20	1.20	25.00	36.00	
							88.50	kg
12	9.15	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..						
			1	1.20	1.20	15.00	21.60	
			1	0.60	0.30	10.00	1.80	
							23.40	kg
13	11.1.2	6 mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)						
			1	6.00	4.50		27.00	
							27.00	sqm
	11.2.4	12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)						
			1	20.00	3.20		64.00	sqm
	11.3.4	15mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)						
			2	6.20	3.50		43.40	
			2	4.60	3.50		32.20	
							75.60	sqm
14	12.76	Providing and laying glazed vitrified floor (GVT/PGVT) with digital print of random design with water absorption less than 0.05% and conforming to IS:15622-2017 of 1st quality of approved make in all colours, 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 pigments etc complete.						
	12.76.1	Size 600x600mm thickness 9 to 10mm						
			1	7.00	5.00		35.00	
							35.00	sqm
15	14.62	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit door, indows, floor and surface as required with all tools tackles and labour complete for the work.						
		As for 12 mm plaster + 6 mm plaster	1	91.00			91.00	
							91.00	sqm
16	14.59	Providing and applying Polymaric cement primer on all surface applied @ 0.80 liters/10 sqm as per relevant I.S. code 15489:1974 (product such as Birla white primacoat/activcoat, Asian Trucare , Dulux interior cement primer, Opus Calista / 110) with all tool tac+kles and labour etc. complete for the work .						
		As for 15mm ,12 mm + 6 mm plaster	1	166.60			166.60	
							166.60	sqm

17	14.64	Providing and applying Premium plastic emulsion paint with roller application minimum three coats applied @ 0.75 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -I Class D & C (Glossy and Semi Glossy Finish)cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.(with 3 year Warranty)						
		As for 15 mm plaster	1	75.60			75.60	sqm
18	14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up tools tackles and labour etc. complete for the work (With 2 Year Warranty)						
		As for 15 mm plaster	1	75.60			75.60	sqm
19	14.72	Providing and applying Glossy finish Enamel paint minimum 2 coats in all surface applying @ 0.75 lit/ 10 Sqm up to required finish as per relevant I.S. code 2932: 2013 of complete for the work.						
			8	1.00	2.10		16.80	
			12	1.20	1.20		17.28	
			4	0.60	0.30		0.72	
							34.80	sqm


Executive Engineer
 Municipal Corporation
 Bhilai


Assistant Engineer
 Municipal Corporation
 Bhilai


Sub Engineer
 Municipal Corporation
 Bhilai