

MUNICIPAL CORPORATION OF BHILAI

कार्य का नाम :- वार्ड क्र. 46 खुर्सीपार भिलाई दुर्गा मंदिर नहर किनारे पास सार्वजनिक मंच सह सौंदर्यीकरण कार्य।

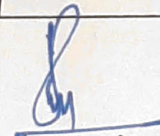
N.I.T.

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

S.No	Item Code	Particular	No	L	B	H/d	QTY	UNIT
1	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.						
	1.1.1	In all types of soils.						
			10	1.50	1.50	1.50	33.75	
			1	24.00	0.30	0.30	2.16	
							35.91	cum
2	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.						
	3.1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).						
			10	1.50	1.50	0.10	2.25	
			1	24.00	0.30	0.10	0.72	
			1	7.60	5.10	0.10	3.88	
							6.85	cum
3	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).						
	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 Beam	1	20.00	0.20	0.30	1.20	
		Lintal & Slab Beam	2	20.00	0.20	0.20	1.60	
			2	5.50	0.20	0.40	0.88	
		Slab	1	5.00	5.00	0.10	2.50	
		Column	8	0.20	0.30	2.80	1.34	
			8	0.20	0.30	0.80	0.38	
			2	20.00	0.60	0.08	1.92	
							18.53	cum
4	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:						
	3.12.1	Thermo-Mechanically treated bars FE 415						
				18.53	100.00		1852.80	kg
5	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.						
			8	1.00	0.80		6.40	
			2	20.00	0.30		12.00	
							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	5.00	5.00		25.00	sqm
	2.1.8	Beams, lintels, cantilevers & walls	2	20.00	0.20		8.00	
			2	20.00	0.70		28.00	sqm
6	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
7	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	
							12.00	cum
8	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	5.00	5.00	0.40	10.00	
							10.00	cum
9	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
10	11.1.2	6 mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)						
			1	5.00	5.00		25.00	
							25.00	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	5.00	4.00		40.00	
			2	5.00	4.00		40.00	
							80.00	sqm
11	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	5.50	5.50			30.25		
							30.25	sqm	
12	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.							
							89.00		
	As for 12 mm plaster + 6 mm plaster	1	89.00				89.00	sqm	
13	14.59	Providing and applying Polymaric cement primer on all surface applied @ 0.80 litres/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 .							
							169.00		
	As for 15mm ,12 mm + 6 mm plaster	1	169.00				169.00	sqm	
14	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 -1 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)							
							80.00		
	As for 15 mm plaster	1	80.00				80.00	sqm	
15	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)							
							80.00		
	As for 15 mm plaster	1	80.00				80.00	sqm	
16	14.72	Providing and applying Glossy finish Enamel paint mimimum 2 coats in all surface applying @ 0.75 lit/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of complete for the work.							
							5.00	sqm	


Executive Engineer
Municipal Corporation
Bhilai


Assistant Engineer
Municipal Corporation
Bhilai


Sub Engineer
Municipal Corporation
Bhilai