

NAGAR PALIK NIGAM BHILAI

—ई क्रमांक 29 केम्प 01 स्टील नगर में श्री बाल गणेश विकास मंच के पास सार्वजनिक सर्वसुविधा युक्त
छत युक्त मंच व मंच के ऊपर कक्ष निर्माण कार्य

(As Per PWD Building SOR 01.01.2015 & Electrical SOR 01.06.2020)

SN	IN	PARTICULAR	QTY	UNIT
1	8/1.1.1	Excavation for all types and sizes of foundations, trenches and drains or forupto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.In all types of soil		
			25.89	cum
2	22/3.1.2	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).		
			9.29	cum
3	3.2.1	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work.1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).		
			19.85	cum
4	3.2.1 +3.4	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work.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 ..plinth:		
			18.66	cum
5	3.12.4	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: Cold twisted bar / Hot rolled deformed steel		
			3658.26	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:		
6.a	2.1.6	Foundations, footings, base of columns and plinth beam in any shape and size.		
			30.80	sqm
6.b	2.1.5	Columns, Pillars, Piers and likes- rectangular or square in shape		
			107.00	sqm
6.c	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)		
			225.14	sqm
6.d	2.1.8	Beams, lintels, cantilevers & walls		
			67.17	sqm
7	7.4.1	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)		
			4.92	cum
8	7.4.1+7.6	super structure 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)		
			27.80	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.		
			31.80	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		
			0.32	sqm
11	11.1.2	6 mm thick cement plaster of mix: In Cement Mortar 1:3 (1 cement : 3 fine sand)		
			178.58	sqm
12	11.2.4	12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)		
			139.02	sqm
13	11.3.4	15mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)		
			94.56	sqm
14	12.9.1	Providing and laying vitrified floor tiles with double charge/ multi chargeprinting with water absorption less than 0.5% and conforming to IS 15622 of approved make in all colours and shades and size mentionedbelow (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4coarse sand) including grouting the joints with white cement and matching pigments etc. complete.		
			129.60	sqm
15	14.9.1	Distempering with acrylic washable distemper to give an even shade: on new work.(two or more coats)		
			412.16	sqm
16	14.16.1	Painting new exterior surface (two or more coats) with PREMIUM TEXTURED paint as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work (Two or more coats)		
			412.16	sqm
17	9.13	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.		
		45kg/sqm	745.20	kg

ASSTT.ENGINEER

Nagar Palik Nigam, Bhilai

SUB ENGINEER

Nagar Palik Nigam, Bhilai