



NAGAR NIGAM BHILAI

NIT

जोन क्र.-02 वैशालीनगर क्षेत्रांतर्गत सामुदायिक सुलभ शौचालय का संधारण कार्य।

AS PER PWD BUILDING S.O.R 01.01.2015 & ELECTRICAL S.O.R. 01.06.2020

S.NO	PARTICULAR	QTY	UNIT
1	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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	9.60	cum
2	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of blinding wire all complete: Thermo-Mechanically treated bars	300.00	kg
3	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.	33.00	cum
4	Painting exterior surface with SMOOTH exterior emulsion paint of manufacturerd with cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete with: On old work (One or more coats applied @ 0.83 ltr/ 10 sqm)	1056.00	sqm
5	Distempering with washable distemper manufactured with the cow dung processing to give an even shade. On old work (one or more coats)	1584.00	sqm
6	Painting on old work (one or more coats) to give an even shade with: Premium synthetic enamel paint	417.24	sqm
7	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	240.00	sqm
8	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	120.00	sqm
9	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	120.00	sqm
10	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 200 mm diameter	30.00	mtr
11	Providing and fixing 30mm thick factory made panel PVC door shutter consisting of frame made out of ----- interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per Manufacturer's specification including 3 nos ISI marked stainless steel hinges of size 100x58x1.9 mm complete. (for W.C. and bathroom door shutter). PVC door shutter	23.76	sqm
12	Structural steel work in single section including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	300.00	kg
13	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete Aperture 50x50mm	45.00	sqm
14	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	6.00	each
15	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required : White Size 550x450 mm	6.00	each

16	Providing and replacing broken vitreous china water closet squatting pan (Indian type) including removing the .. and making good the walls and floors wherever required: White Long pattern W.C. pan of size 580 mm		
		6.00	each
17	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.		
		270.00	kg
18	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete. Size 300x300mm		
		36.00	sqm
19	Floor painting with superior quality enamel paint to give an even shade. On old work (one or more coats)		
		60.00	sqm
20	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : 5mm thick mirror		
		3.00	sqm
21	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete. Size upto 200x300mm		
		16.20	sqm
22	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:		
	Soap dish plate	12.00	Each
	Towel rail (600mm long x 20mm dia)	12.00	Each
	Toilet paper holder	12.00	Each
	Bib cock (400 grams)	30.00	Each
23	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required : White Size 550x450 mm		
		6.00	Each
24	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank		
		3000.00	Ltr
25	Providing and applying 2mm thick ready mix exterior grade putty (manufactured with cow dung processing) on walls to make the surface smooth and even.		
		300.00	sqm
26	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		
		45.00	sqm
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  ASSTT.ENGINEER Nagar Palik Nigam, Bhilai </div> <div style="text-align: center;">  SUB ENGINEER Nagar Palik Nigam, Bhilai </div> </div>			