



# NAGAR PALIK NIGAM BHILAI

NIT

विधायक निधि अंतर्गत वार्ड क्र.-20 वैशालीनगर शास. मद से निर्मित सार्वजनिक सियान सदन 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 fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Beams, lintels, cantilevers & walls	2.97	sqm
2	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).	0.20	cum
3	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). + Extra for precast PCC/ RCC work of any mix including form work, hoisting and fixing in Cement Mortar. 1:2 (1 Cement : 2 coarse sand) and finishing with cement plaster in Cement Mortar 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement.	0.10	cum
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 in foundation and plinth all complete: Thermo-Mechanically treated bars FE 415	8.94	kg
5	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming 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:	3.10	cum
6	12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	214.70	sqm
7	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.	172.80	kg
8	Providing and fixing 30 mm thick Glass Fibre Reinforced Plastic (FRP) paneled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 thick FRP laminate for panels conforming to IS: 14856 - 2000, complete.	3.15	sqm
9	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	141.11	sqm
10	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, tamping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm Pigment Coloured (rubber mould) precast interlock concrete blocks	100.00	sqm
11	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		

		1000.00	Ltr
12	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required White pedestal type	2.00	Each
13	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete: Flat back half stall urinal of size 460x380x250mm	3.00	Each
14	Providing and fixing at all height false ceiling consisting of frame work "W" / "U" / "L" sections made of G.I. sheet with zinc coating of grade 120 consisting of angle cleats of size 25mm wide x 1.6mm thick with flanges of 22mm and 37mm at 1200mm centre to centre one flange fixed to the ceiling with dash fastener 12.5mm dia x 40mm long with 6mm dia bolts to the angle .... of the Engineer in Charge but excluding the cost of painting.	109.40	sqm
15	Rubbing and polishing old flooring to the complete satisfaction of Engineer-in-Charge. Marble chips flooring	109.40	sqm
16	Distempering with acrylic washable distemper to give an even shade. On new work (Two or more coats)	377.06	sqm
17	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade 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 applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	242.90	sqm
18	Sanitation Work & Water Supply As per PWD Building S.O.R. 01.01.2015	1	LS
19	Electricity Work As per PWD Electrical S.O.R. 01.06.2020	1	LS
			
	ASSTT.ENGINEER		
	Nagar Palik Nigam, Bhilai		
			
	SUB ENGINEER		
	Nagar Palik Nigam, Bhilai		

कार्यपालन अभियंता  
नगर पालिक निगम  
भिलाई