

# NAGAR NIGAM BHILAI-CHARODA

NIT

Name Of Work-Costruction of Manch and Shed at Satnam Bhavan mahamaya Para Ward no-7 (new ward 17)

(AS PER PWD BUILDING S.O.R 01.01.2015) and Electrical w.e.f.-1/1/2015)

PAGE NO	PARTICULAR	QTY	UNIT	RATE
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 and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soils.	65.07	cum	185.00
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.	117.29	cum	371.00
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.	17.45	cum	2659.00
3.1.2	<b>1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).</b>			
3.2	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.	27.78	cum	4163.00
3.2.1	<b>1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).</b>			
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 in foundation and plinth all complete:	2777.52	KG	54.50
3.12.1	Thermo-Mechanically treated bars FE 415			
7.5	<b>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:</b>			
7.5.4	<b>Cement Mortar 1:6 (1 cement : 6 coarse sand)</b>	31.56	CUM	3263.00
7.6	<b>Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:</b>	26.76	cum	121.00
2.1	<b>Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:</b>			
2.1.5	<b>Columns, Pillars, Piers and likes- rectangular or square in shape</b>	70.40	sqm	297.00
2.1.8	<b>Beams, lintels, cantilevers &amp; walls</b>	62.88	sqm	202.00
2.1.7	<b>Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)</b>	146.26	sqm	235.00
12.12	Providing and laying vitrified floor tiles with soluble salt printing, of size 600x600mm with water absorption less than 0.5% and conforming to IS : 15622 of approved make, 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.	124.70	sqm	963
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.	800.00	kg	75.00
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 welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.	250.00	kg	67.50
14.1	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete			
14.1.1	Upto 2 mm thickness to make surface even and smooth in line and level.	645.42	sqm	63.00
11.2	Providing and making 12mm thick cement plaster of mix:			
11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	164.48	sqm	91.50
11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:			

		201.40	sqm	107.00
		279.54	sqm	93.00
11.3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)			
11.1	Providing and making 6mm thick cement plaster of mix:			
14.15	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:	201.40	sqm	56.00
14.15.1	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)	444.00	sqm	38.00
14.9	Distemping with acrylic washable distemper to give an even shade.			
		92.00	sqm	632.00
12.65	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, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm 12.65.2 12.65.2 Pigment Coloured (rubber mould) precast interlock concrete blocks			
3.1	Wiring for light/ fan/ exhaust fan / call bell point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in concealed PVC conduit, with 5 amp piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with same size cable etc as required.			
		5.00	Point	236.00
3.1.1	Short Point	3.00	Point	388.00
3.1.2	Medium Point	2.00	Point	553.00
3.1.3	Long Point			
7.4	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as required.			
		5.00	Each	68.00
7.4.1	5/6 amps one way switch	5.00	Each	87.50
7.4.5	3 pin 5/6 amp socket outlet	2.00	Each	203.00
7.4.8	Fan regulator (two module size) electronic stepped type moving all rounds	2.00	Each	233.00
7.4.16	SP MCB 25 amp	3.00	Each	36.00
7.4.17	Ceiling rose 3 pin 5 amp	5.00	Each	41.00
7.4.19	Batten/ angle holder			
8.9	Supplying, installation, testing and commissioning of following surface/ concealed type fluorescent fitting (luminaries) complete with electronic ballast/ copper ballast glow type starter but without fluorescent lamp, on ceiling/ wall surface, earthing the fitting etc. as required.			
		2.00	Each	272.00
8.9.1	4' x 40 W single patti type			
8.15.2	2x18 W	2	Each	1207.00
8.1	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, earthing etc. complete as required.			
8.1.2	1200 mm sweep	2.00	Each	1503.00
8.22	Supplying, fixing, testing and commissioning of following LED lamps with inbuilt electronic driver heat sink and all other accessories in existing holder/ luminaries as required and furnishing 2 Yrs Guarantee certificate from manufacturer.			
8.22.4	9 Watt	5.00	Each	973.00
18.2	Providing and fixing vitreous china water closet squatting pan (Indian type) including cutting and making good the walls and floors wherever required:			
18.2.1	White Long pattern W.C. pan of size 580 mm	1	each	999.00
18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.			
18.76.2	110 mm dia pipe.	10.00	metre	267.00