

8

NAGAR NIGAM BHILAI-CHARODA

NIT

Name Of Work-Costruction of Samudayik Bhavan and toilet at Shitla para Y
Samaj(New ward-09)

(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. | 43.488 | 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. | | | |
| | | 72.90 | 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. | | | |
| 3.1.2 | 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size). | 10.77 | cum | 2659.00 |
| 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. | | | |
| 3.2.1 | 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). | 17.16 | cum | 4163.00 |
| 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: | | | |
| 3.12.1 | Thermo-Mechanically treated bars FE 415 | 1715.92 | KG | 54.50 |
| 7.5 | 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: | | | |
| 7.5.4 | Cement Mortar 1:6 (1 cement : 6 coarse sand) | 20.90 | CUM | 3263.00 |
| 7.6 | Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: | 17.58 | cum | 121.00 |
| 2.1 | Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: | | | |

7.4.17
7.4.19

| | | | | |
|---------|---|--------|-------|--------|
| 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. | 22.40 | sqm | 139.00 |
| 2.1.5 | Columns, Pillars, Piers and likes- rectangular or square in shape | 70.40 | sqm | 297.00 |
| 2.1.8 | Beams, lintels, cantilevers & walls | 89.46 | sqm | 202.00 |
| 2.1.7 | Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) | 89.46 | 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. | 74.30 | 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. | 850.00 | 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. | 280.00 | 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. | 464.78 | sqm | 63.00 |
| 11.2 | Providing and making 12mm thick cement plaster of mix: | 113.28 | sqm | 91.50 |
| 11.2.4 | In Cement Mortar 1:6 (1 cement : 6 fine sand) | | | |
| 11.3 | Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: | | | |
| 11.3.4 | In Cement Mortar 1:6 (1 cement : 6 fine sand) | 140.60 | sqm | 107.00 |
| 11.1 | Providing and making 6mm thick cement plaster of mix: | 210.90 | sqm | 93.00 |
| 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: | | | |
| 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) | 140.60 | sqm | 56.00 |
| 14.9 | Distempering with acrylic washable distemper to give an even shade. | 324.20 | sqm | 38.00 |
| 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. | | | |
| 3.1.1 | Short Point | 15.00 | Point | 236.00 |
| 3.1.2 | Medium Point | 12.00 | Point | 388.00 |
| 3.1.3 | Long Point | 2.00 | Point | 553.00 |
| 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. | | | |
| 7.4.1 | 5/6 amps one way switch | 20.00 | Each | 68.00 |
| 7.4.5 | 3 pin 5/6 amp socket outlet | 10.00 | Each | 87.50 |
| 7.4.8 | Fan regulator (two module size) electronic stepped type moving all rounds | 5.00 | Each | 203.00 |
| 7.4.16 | SP MCB 25 amp | 3.00 | Each | 233.00 |

| | | | | |
|---------|---|-------|-------|---------|
| 7.4.17 | Ceiling rose 3 pin 5 amp | 5.00 | Each | 36.00 |
| 7.4.19 | Batten/ angle holder | 5.00 | Each | 41.00 |
| 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. | | | |
| 8.9.1 | 4' x 40 W single patti type | 4.00 | Each | 272.00 |
| 8.15.2 | 2x18 W | 4 | 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 | 4.00 | 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. | 15.00 | metre | 267.00 |
| 14.3 | Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe, with charcoal and salt as required. | 1 | Set | 4072.00 |