

Name of Work:

Construction of Panchayat Ghar At Various Village Pkg. No. 02 of Gandhinagar. Taluka, Dist- Gandhinagar.

SPECIFICATION INDEX

It. No.	Description of Item (with brief specification and reference to book of specifications)	
1	Excavation for foundation upto 1.50 M.depth including sorting out &stacking of useful materials i.e. disposing the excavated stuff up to 50.M.lead (a)Loose or soft soil.	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
2	Excavation for foundation upto 1.50 M. TO 3.00 METER depth including sorting out &stacking of useful materials i.e. disposing the excavated stuff up to 50.M.lead (a)Dense or Hard soil.	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
3	Providing and laying cement concrete 1:4:8 (1 cement, 4sand,8 machine crushed stone aggregates 40 m.Nominal size)and curing complete, excluding cost of formwork in(a) Foundation and Plinth	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
4	Providing and laying ordinary cement concrete1:1:2 (1cement :1sand : 2 graded stone aggregates 20 mm.Nominal size) and finishing smooth with curing etc. complete excluding cost of form work and reinforcement for reinforced cement concrete work in in A)	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
5	Providing and laying ordinary cement concrete1:1.5:3 (1cement,1.5 sand, 3 gradedstone aggregates 20 mm.Nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement of R.C.C. work in Column (iii)	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
6	Brick work using common burnt clay building brick shaving crushing strength not less than 35 Kg/Sqcm. in foundation and plinth in cement mortar 1:6(1 Cement ; 6 Fine sand) Conventional bricks	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
7	Filling in plinth with sand under floors including ramming watering, consolidating and dressing etc.complete.	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
8	Brickwork using common burnt clay building brick shaving crushing strength not less than 35 Kg/Sqcm. in super structure Upto floor two level in cement mortar 1:6(1 Cement ; 6 Fine sand)	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
9	Providing and laying cement concrete1:1.5:3 (1cement,1.5sand, 3 gradedstone aggregates20 mm.Nominal size) and curing complete, including cost of formwork in sill and sides (R.C.C. band) but excluding the cost of reinforcement upto floor two level	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
10	Providing & laying ordinary C.C. 1:1 1/2:3 (1 cement ,1 1/2 course sand, 3 graded stone agg. of 20 mm nominal size)and for R.C.C. LINTELS incl. Finishing smooth with curring of formwork but excl. the cost of reinforcement.for above floor upto Floor two level.	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
11	Providing & laying cement concrete 1:11/2:3 (1 cement ,11/2 course sand,3graded stone agg.of 20 mm nominal size) for rein-forcement concrete CHHAJJAS not exceeding 10cm. thickness upto floor two level incl. finishing the exposed surface with C.M. 1:3 (1 cement ,3	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
12	Providing & laying C.C. 1:11/2:3 (1 cement ,11/2 course sand,3 graded stone agg.of 20 mm nominal size) and finishing smooth with curring etc. comp. incl. the cost of formwork but excl. the cost of reinforcement for R.C.C. work in. (A) Beam :-	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
13	Providing & laying ordinary cement concrete1:11/2:3 (1 cement ,11/2 course sand,3 graded stone agg.of 20 mm nominal size) exposed work with curring etc.comp. incl. the cost of formwork but excluding the cost of reinforce ment for R.C.C. work in.	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
14	Providing & laying ordinary cement concrete1:11/2:3 (1 cement ,11/2 course sand,3 graded stone agg.of 20 mm nominal size) exposed work with curring etc.comp. incl. the cost of formwork but excluding the cost of reinforce ment for R.C.C. work in.	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
15	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
16	Providing and laying Mirror polished Machine polished Green marble stone slab 18 mm (Average) thick for For Doors / WIndows cill & Jams Clading as per design incl. full moulded round front edge in trade of steps laid on 20 mm thick cement mortar 1:6 (1 -cement : 6	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
17	Providing and laying Mirror polished Machine polished Green marble stone slab 18 mm (Average) thick for For Doors / WIndows cill & Jams Clading as per design incl. full moulded round front edge in trade of steps laid on 20 mm thick cement mortar 1:6 (1 -cement : 6	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
18	Providing and fixing 35mm. Thick Panelled,glazed orPanelled and glazed shutters for doors,windows andclearstory windows including anodised alluminiumbutt hinges with necessary screws and Indian TeakWood shutters with-(B) Partical board	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
19	Providing 15mm thick cement plaster in single coat on fair side of Brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (I)cement mortar 1:3 (1 cement:3 sand) .Upto floor two level	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET

20	Providing 10 mm thick cement plaster in single coat on fair side of Brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (I)cement mortar 1:3 (1 cement:3 sand) .Upto floor two level finished even & Smooth	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
21	Providing and laying 24" x 24" vitrified 8MM thick tile flooring over 20MM (average) base of cement mortar 1:6 (1- Cement : 6-Coarse Sand) on new surface or fixing on existing flooring by adhe-sive material including dismantalling of existing flooring and	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
22	Providing and laying Ceramic tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1- cement : 3-coarse sand) finishing with flush pointing in white cement	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
23	Providing and laying Ceramic tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1- cement : 3-coarse sand) and jointed with white cement slurry	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
24	Finishing wall with weather proof exterior emulsion paint on wall surface(two coats) to give an required shape even shade after thoroughly brushing the surface to rempve all dirt, and remains of loose powdered materials etc complete..	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
25	Distempering (Two coats) with oil bound distemper of approved brand and manufacture and of required shade on wall surface to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
26	Provision and fixing water closet squatting orissa type W.C. pan size 580mm integral footrest and 100 mm P or S trap and in cluding 25 mm dia CP brass flush valve and GI inlet connection etc. comp. (A) Vitreous china long pattern white or color	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
27	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
28	Providing laying and jointing in true line and level U.P.V.C. S.W.R. Type B pipe confirming to IS 13592-1992 with one end plain and other end socketed with rubbering , & fitting confirming to ISI 14735-1999 of approved make for drainge system pipe line, pipe shall be	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
29	Providing and fixing in position cowl went to pipes.(C) 100mm dia	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
30	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type.	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
31	Providing and fixing urinal of approved quality including connection with trap and with integral longitudinal flush pipe (A) White earthen ware flat back or corner type size 430mm x 260mm x 350mm	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
32	Constructing brick masonry chamber for underground C.I.Inspection chamber and bends with bricks having crushing strength not less than 35Kg/Cm2 in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions total weight of cover with frame to	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
33	Providing and fixing wash basin with single hole for pillar tape with C.I. of M.S. brackets painted white including cutting holes and making good the same but excluding fittings (A) Stainless steel Acrsilyl or Equivalent make- Flat back wash basin 550mm x	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
34	Providing, laying and jointing in true line and level 110 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
35	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
36	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
37	Proving and fixing screw down bib taps of following size.(A) Brass screw downbib tap polished bright. (I) 15 mm. Dia.	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
38	Proving sock pit of 5.0 Cumt. Volume including excavating and filling brick bats with dry masonry work at top for 45 cm. Height including covering the top with stone including providing vatas in c.m. 1:3 with finishing,curing etc. complete as directed.	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
39	Proving and Fixing double coated Syntex or Equivalent PVC (ISI) mark water tank of required capacity each with all necessary fittings and connection etc. comp on terrace or as directed by Engineer - in- charge.	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
40	Providing and laying broken china mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
41	Pro. /Fix. with windows with 40x40x5mm. Iron angle & frame 30x30x4 mm size in Double Shutter with B.G. 20 Gauge Sheet plates with , Hold fasts ,Iron hinges handles,stopper ,and locking arrangement etc. comp. Steel welded is built up section	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET

42	Providing and fixing M.S. Grills of required pattern to wooden frames of Pipe / Angles etc.including Priming coat of approved primer and Two coats of Oil painting etc. complete ORNAMENTAL grill	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
43	Providing and laying polished kota stone slab flooring over 20mm (average) thick base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M. 1:1.5 laid and jointed with grey cement slurry including rubbing and polishing etc. complete 25mm Thick	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
44	Providing and fixing 30mm thick FACTORY MADE SOLID PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15 mm for top and bottom rails. M.S. frame	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
45	Providing & Fixing Acrylic sheet name board size 2.00 mt x 0.60 sqm. With painting letters Indicating Gram panchayat office / Village/ Taluka/ Dist. Etc. as directed by Adm. Department etc. with all required material & Labour comp.	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
46	Point wiring for Light / Bell with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in/ on surface on wall/ceiling	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
47	Point wiring for FAN with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of .ISI marked 1.1 KV Grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / flushed on wall/ceiling complete with 6A Modular	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
48	Point wiring for Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic box, single mounting base frame covered with textured / metallic front plate modules erected on / in wall / ceiling with following type accessories Cat- III	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
49	Point wiring for individual Plug with & Earth wire of FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / surface of wall/ceiling complete with Modular type switch and 5 Pin plug erected on PVC/ Metallic	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
50	Providing & erecting Switch board for Computer or electric apparatus consisting of following items in single board erected on PVC / Metal board with 3 mm thick PC (Polycarbonate) / Acrylic sheet erected as directed 1 no. 6A/16A universal plug-switch	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
51	Decorative call bell Ting-tong box type 250 volts complete erected	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
52	Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA polyester powder coated and high U.V. &	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
53	Miniature circuit breaker single pole 6A to 32A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
54	Providing & erecting 240 V MCB double pole switch for lighting load (B Curve) having 10 KA breaking capacity & Confirming to IS :8828 in Existing box , having capacity (B) 40 Amp.- Cat-III	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
55	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, confirming to IS 13032 and BS 5486-1986 without MCB to house appropriate nos. of MCBs.(The DBs should be used of	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
56	Providing & erecting Approved make Ceiling Fan with double ball bearing ISI mark with Condenser 230 volt A.C. 50 c/s, 1200 mm sweep complete having 3blades with aluminium blades with , canopy & 30 cms. down rod erected on existing hook or Clamp	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
57	Providing & erecting 240 V MCB double pole switch for lighting load (B Curve) having 10 KA breaking capacity & Confirming to IS :8828 in Existing box , having capacity (B) 40 Amp.- Cat-III	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
58	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET
59	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3	AS PER SEPARATE SHEET ATTACHED SPECIFICATION BOOKLET