

Kachchh Panchayat R & B Division, Bhuj - Kachchh

**NAME OF WORK : CONSTRUCTION OF PANCHAYAT GHAR AT VILLAGE SANVA OF RAPAR
TALUKA. FY : 2025-26**

Specification Index

Sr.No. of the It.No. in Sch.- B	Brief Description Of Item	Page No.
1	Excavation for foundation upto 1.5m depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50m lead. (B) Dense or hard soil.	As Per separate sheet attached
2	Excavation for Foundation from 1.50m to 3.0m depth including Sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 M. Lead. (B) Dense or Hard soil.	As Per separate sheet attached
3	Brick work using common burnt Clay building bricks having crushing strength not less than 35 kg / sq.cm in foundation and plinth in Cement mortar 1:6 (1 Cement : 6 fine sand) (b) Conventional (more than 10 tonn)	As Per separate sheet attached
4	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete (A) Foundation and Plinth (More than 10 ton)	As Per separate sheet attached
5	Providing and laying cement concrete 1:3:6 (1-Cement : 3- coarse sand : 6- crushed stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (more than 10 ton)	As Per separate sheet attached
6	Providing and laying Controlled cement concrete M.250 work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in for Foundation footing base of columns.	As Per separate sheet attached
7	Providing and laying controlled cement concrete M.250 and curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in for COLUMNS	As Per separate sheet attached
8	Providing and laying controlled cement concrete M.200 work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in for BEAMS	As Per separate sheet attached

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9	Providing and laying controlled cement concrete M-200 work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in for Slab for All floor.	As Per separate sheet attached
10	Filling available excavated earth (excluding Rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20.cm. in depth consolidating each deposited layer by ramming and watering.	As Per separate sheet attached
11	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. completed.(more than 10 tonn)	As Per separate sheet attached
12	Filling in plinth with sand under floors including watering ramming, consolidating and dressing etc. Complete (more than 10 tonn)	As Per separate sheet attached
13	<u>Brick work</u> using common burnt Clay building bricks having crushing strength not less than 35 kg / sq.cm in super structure above plinth level up to floor two level in Cement mortar 1:6 (1 Cement : 6 fine sand) (b) Conventional (more than 10 tonn)	As Per separate sheet attached
14	Half brick masonry in common burnt Clay building bricks having crushing strength not less than 35 kg / sq.cm in in C.M 1:3 (1 Cement : 3 coarse sand) in with 2 nos. of 6 mm dia.mild steel round bars after every three coarse embedded in cement mortar in super structure above plinth level up to floor two level (more than 10 tonn)	As Per separate sheet attached
15	Providing and fixing door having side hung double shutter having Marble door frame, with factory made 25 mm. Thick flush door both side pre laminated with lach lock as per detail colour & pattern apporoved by this office including necessary fixtures and fastenings.	As Per separate sheet attached
16	Providing and fixing door having side hung single shutter having Marble door frame, with factory made 25 mm. Thick flush door both side pre laminated with lach lock as per detail colour & pattern apporoved by this office including necessary fixtures and fastenings.	As Per separate sheet attached
17	Providing and fixing FRP frame size 100x50 mm and 28mm thick FRP depress panel shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filed up with injected fire retardant grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium fixtures &	As Per separate sheet attached

Sr.No. of the It.No. in Sch.- B	Brief Description Of Item	Page No.
18	Providing and fixing standard extruded of aluminium section of size 63.5mm x 38.10mm x 1.95 mm (of Jindal section No. 4605, @ Wt. 1.094 Kg per mt) with colour anodized aluminium frame for Window with 3 mm thick frosted glass as details etc. complete.	As Per separate sheet attached
19	Providing and fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour anodized aluminium frame for ventilation with 3 mm thick frosted glass as details etc complete for Ventilation	As Per separate sheet attached
20	Providing and Fixing polished marble stone with necessary moulding around Sill & Jamb of Doors ,Windows & Ventilation	As Per separate sheet attached
21	Providing and fixing M.S grills of required pattern to Marble frames of windows etc.with M.S.flats at required spacing on frame all-round square or round bars with rounded headed bolts and nuts or by screws incl. Priming coat and Two coats of oil paintings etc.comp. (a) Plain grill	As Per separate sheet attached
22	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) for R.C.C lintel including finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement.	As Per separate sheet attached
23	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) for reinforced concrete Chhajjas not exceeding 10cm. thickness upto floor two level including finishing the exposed surfaces with cement mortar 1:3 (1-cement, 3 Fine sand) to give a smooth and even surface centering and formwork and curing complete excluding cost of reinforcement. (more than 10 ton)	As Per separate sheet attached
24	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete including cost of formwork and reinforcement for reinforced concrete work in (E)Staircases including landing upto floor two level	As Per separate sheet attached
25	Providing T.M.T FE 500D bar Reinforcement for R.C.C work including bending binding and placing in position complete up to floor two level.	As Per separate sheet attached
26	Providing & Laying 24" x 24" Vitrified 8 mm thick tiles Flooring over 20 mm (average) base of Cement Mortar 1:6 (1 Cement: 6 Coarse Sand) on new surface or fixing on exiting flooring by adhesive material including jointed with colour cement slurry including finishe with flush pointing & cleaning the surface etc. complete.	As Per separate sheet attached

Sr.No. of the It.No. in Sch.- B	Brief Description Of Item	Page No.
27	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 over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.(A) 25mm thick	As Per separate sheet attached
28	Providing and laying polished kota stone slab 25mm thick in risers of steps, Skirting , Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.	As Per separate sheet attached
29	Providing & Laying Ceramaic Flooring Tiles in Skirting, Risers of Steps & dado on 10 mm thick Cement Plaster 1:3 (1Cement:3 Coarse Sand) & Jointed with white cement slurry (Up to 10 tonn)	As Per separate sheet attached
30	Providing 15mm thick cement plaster in Two coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in finishing with a floating coat of neat cement slurry (ii) Cement mortar 1:4 (1-cement :4-sand) & Providing 10 mm x 10 mm Groove at junction of Structural member etc. complete.	As Per separate sheet attached
31	Providing 10 mm thick cement plaster in Two coat on fair side Brick/Concrete walls for interior plastering on ceiling and soffits of stair upto floor two level finished even and smooth and finishishing with floating coat of neat cement slurry & Providing 10 mm x 10 mm Groove at junction of Structural member (1) Cement Mortar 1:3 (1 Cement : 3 sand)	As Per separate sheet attached
32	20 mm thick Sand faced cement plaster on wall upto height 10 mts.above ground level consisting of 12 mm thick backing coat of C.M 1:3 (1 cement : 3 sand)and 8 mm thick finishing coat of C.M 1 : 1(1 cement : 1 Sand) etc. complete.	As Per separate sheet attached
33	Wall painting (three coats) with Plastic emulsion paint of approved brands like Apex or equivalante and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushinf the surface free from mortar droppings and other foreign matter and sand papered smooth.	As Per separate sheet attached
34	Finishing wall with water proofing cement paint of approved brand and manufacturand of of required shade on wall surface (two coats) to give an even shade after throughly brshuing the surface to remove all dirt and remains of loose powdered materials.	As Per separate sheet attached
35	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent 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 cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	As Per separate sheet attached

Sr.No. of the It.No. in Sch.- B	Brief Description Of Item	Page No.
36	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent 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 cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	As Per separate sheet attached
37	Providing and fixing gun metal check or non return full way wheel valve.(C) 25 mm dia.	As Per separate sheet attached
38	Providing and fixing gun metal check or non return full way wheel valve.(A) 15 mm dia.	As Per separate sheet attached
39	Providing & fixing Chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25 mm dia.	As Per separate sheet attached
40	Providing and fixing 600 mm x 450 mm. bevelled edge Mirror or superior glass mounted on 6 mm. thick A. C. sheet or plywood sheet and fixing to wooden plugs with C. P. Brass screws and washers.	As Per separate sheet attached
41	Providing and fixing C.P.Brass Towel rail complete with C. P. Brass brackets fixed to wooden plugs with C. P. brass screw..(b) 600 mm x 20 mm size	As Per separate sheet attached
42	Providing and fixing Brass screws down Bib tap chromium plated of 15 mm dia.	As Per separate sheet attached
43	Providing and fixing water closet squatting pan (Indian type W.C.Pan) size 580 mm. vitereous china long pattern white colour 100 mm. size P or S trap with jointing the trap with the pan & soil pipe in C. M. 1:1 and fixing a pair of footrest of size 250 mm. x 130 mm. x 30 mm., in C. M. 1:3 fixing and G. I. Inlet connentions for flush pipe with W.C.PAN etc. comp.	As Per separate sheet attached
44	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

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45	Providing and fixing S.W Gully trap with C.I grating brick masonry chamber and water tight C.I.cover with frame of 300 mm x 300 mm size (inside) with standard weight. (i)Square mouth traps.(B) 150 mm x 100 mm size -P or R type.	As Per separate sheet attached
46	Providing & Laying , Jointing in true line and level 110 mm diameter UPVC (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 shall be jointed with each other with rubber lubricant , pipe shall be fixed on wall using of PVC clamp of the size 110 mm dia. X 149 mm length X 145 mm height at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends ,	As Per separate sheet attached
47	Constructing brick masonry chamber for underground C. I. Inspection chamber and bends with bricks having crushing strength not less than 35kg./sq. cm. In C. M. 1:5 C.I. Cover with frame (lightn duty) 455 x 610 mm internal dimensions. Total wt. of cover with frame to be not less than 38kg. (weight of cover 23 kg. & wt. of frame 15kg.) R. C. C. top slab with 1:2:4 (1 cement :2 coarse sand :4 graded stone agg. 20 mm. nominal size) foundation concrete 1:5:10. Inside plaster 15 mm thick with C. M. 1:3 finished smooth with a floating coat of neat cement on wall	As Per separate sheet attached
48	Supplying and fixing PVC water tank of ISI make including delivery at site, supply and fixing of inlet, outlet, air vent overflow, Ball cock, drainage sleeves of the specified size, with necessary neo-prene gasket / packing / washers, GI washer & check nuts etc. complete as directed on terrace, loft in bathrooms etc in any height. The rate shall include for fixing additional accessories supplied by the supplier accessories.	As Per separate sheet attached
49	Providing and fixing wash basin with single hole for pillars tap with C.I. or M. S. brackets painted white incl. cutting holes and making good the same including fixing M. I., fisher union of 40 mm. dia.,C. P. Brass waste of 40 mm. dia,15 dia pillar tap and brass screw down stop tap of 15 mm dia and etc. complete.(A) Vitreous china (ii) flat back wash basin 550 mm x 400 mm size in white colour	As Per separate sheet attached
50	Providing and fixing wash down water closet (european type,W.C.Pan with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 fine sand)(seat and cover to be measured and paid seperately) with Black plastic seat and cover for wash down water closet with C.P.brass hinges and rubber buffers.	As Per separate sheet attached
51	Providing septic tank of inside dimensions as Directed by incharge with brick masonry of CM 1:6 the foundation floor with 1:5:10 B.B.C.C. finished with 15 mm C.P. in C.M. 1:4 root cover of R.C.C. slab incl. connection pipe from inlet and outlet etc.comp.	As Per separate sheet attached
52	Providing and laying broken chine 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 rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.	As Per separate sheet attached
53	Contructing A ground level sump for storage a drinking Water with monoblock motor pump set with wooden box cover for motor etc. com.	As Per separate sheet attached

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54	Constructing soak well having diameter of 2.25 M and depth of 3.30 m including excavating honey com masonry in C.M. 1:3 of half back masonry and filling the 1.0 m. depth with bick bast covering the top with R.C.C. slab of 7 cm. thick with necessary opening covered by the stone and jointed with cement and filling the necessary earth on it.	As Per separate sheet attached
55	SUPPLY AND INSTALLATION OF ABC - 6 Kg. capacity as per IS Make Pro/ Red Bottle FIRE EXTINGUISHER	As Per separate sheet attached
56	SUPPLY AND INSTALLATION OF Co2 - 4.5 Kg.capacity as per IS Make Pro/ Red Bottle FIRE EXTINGUISHER	As Per separate sheet attached
57	Dismantalling the existng panchayat ghar as directed by engineer in charce	As Per separate sheet attached
58	Point wiring for Light / Fan/ Bell/ Primary Point 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 Tissino Type ISI marked flush type switch / bell push and accessories erected on Metal / PVC Box covered with 3 mm thick PC(Polycarbonet) /Acrylic sheet. with necessary Lamp holder/ceiling rose / H.D.Connector as directed.(a) with medium class Rigid PVC pipe and	As Per separate sheet attached
59	Point wiring for independent PLUG with following size mains 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 ISI marked 3 / 5 Pin socket and tissino type switch erected with earth continuity connection erected on Metal / PVC box covered with 3 mm thick PC(Polycarbonet) / Acrylic sheet, (a) with medium class Rigid PVC pipe and accessories [B] 16A Plug with 2-2.5 sq. mm Cu. Mains	As Per separate sheet attached
60	Point wiring for looped PLUG with tissino type single pole ISI marked Switch and Socket erected with necessary connections erected on wooden /Metal/ PVC Box covered with 3 mm thick PC(Polycarbonet) /Acrylic sheet for open / concealed wiring for following size, [A] For 6 Amp	As Per separate sheet attached

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61	Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size, (a) with medium class Rigid PVC pipe and accessories, (b) 2 wire 2.5 sq. mm	As Per separate sheet attached
62	Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size(a) with medium class Rigid PVC pipe and accessories(b) 2 wire 6 sq. mm	As Per separate sheet attached
63	Supplying & erecting UPVC Mini trunking (PVC Casing-n-Capping) having double-locking arrangement with grooves, trunking of size not below 12.5 mm in height as per IS with accessories of PVC/Resin polypropylene not below 1.8 mm thick duly sealed in joint & erected on wall / ceiling of following size .(2) 25 mm	As Per separate sheet attached
64	Providing & erecting 240 V MCB double pole switch for lighting Load (B Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity, (B) 40 Amp, Cat-II	As Per separate sheet attached
65	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, Cat-II	As Per separate sheet attached
66	Approved make ELCBs / RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 6 KA and suitable for operation on single phase 240 V. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed, (ii) 40Amps. DP, Cat-II	As Per separate sheet attached
67	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 same company of MCB to be used), (F) Single phase 8 way SS Double door,	As Per separate sheet attached
68	Sheets steel powder coated enclosure suitable for incorporating One/Two nos. MCB.	As Per separate sheet attached
69	Call bell / Buzzer,250 volts, complete erected, Cat-II	As Per separate sheet attached

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70	Providing and erecting Approved make Ceiling fan with double ball bearing ISI mark with condenser A.C. 230V.50 c/s.1200 mm. sweep complete, canopy and 30 cms. down rod erected on existing hook or clamp with 24/0.2 , 3 core flexible wire with earthing. [Make shall be approved by Engineer in charge], Cat-II	As Per separate sheet attached
71	Supplying & erecting approved make 1 x 36 / 40 watt sleek batten type fluorescent fitting with tube Complete with Electronic ballast assembly housed in engineering plastic covers with tube, holders, erected with necessary lead wire & hardware materials and adapter if required. , Cat-II	As Per separate sheet attached
72	Providing & Erecting following Shockproof tissino type accessories erected on 3 mm thick PC (Polycarbonate) sheet in PVC/ Metal Box. erected on wall/ ceiling, (14) Electronic Hum free EME Socket Type Steps Fan Regulator,	As Per separate sheet attached
73	Supplying & erecting fan hook box of 10 mm M.S. round bar bounded to the RCC bars up to 50mm length each side and pierced through a 16 Gauge M.S. box / Heavy Duty PVC box complete erected concealed in Ceiling with necessary finishing	As Per separate sheet attached
74	Approved make CFL. Non-Retrofit 9/11 Watt erected if required	As Per separate sheet attached

Dy. Executive Engineer,
Panchayat R.&B. Sub Division
Bhachau-Kachchh