

KACHCHH PANCHAYAT R. & B. DIVISION BHUJ

**NAME OF WORK: CONSTRUCTION OF HALL AT RAMDEVPIR TEKRI, HABAY VILLAGE
TA.BHUJ(DMF/2024-25)**

SPECIFICATION INDEX

Sr.No.of the Item in	Brief Description of Item	Page No.
1	Excavation for foundation up to 1.5 M. depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 M. lead.Dense or Hard soil.(S.O.R.Ch-4 / It.No-04001B)	As per separate attachment
2	Providing and laying cement concrete 1:3:6 (1-Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mmnominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth S.O.R. It.No.05003A)	As per separate attachment
3	Providing and laying ordinary cement conctere M20 (1cement :1.5coarse sand:3 stone agg.20mm nominal size) and curing comp.incl.cost of form work but excl.the cost of reinforcement for reinforced concrete work in foundation,footing base of columns and mass concrete work etc comp.(R.A.1)	As per separate attachment
4	Uncoursed rubble masonry with hard stone of approved quality in foundation and plinth in cement mortar 1:5 (1cement : 5 course sand) etc. complete.(S.O.R.Ch-7 / It.07001BA)	As per separate attachment
5	Providing and laying ordinary cement conctere M20 (1 cement: 1.5 coarse sand :3 graded stone agg. 20mm nominal size)and finishing smooth with curing comp.incl.cost of form work but excl.the cost of reinforcement.for R.C.C.work in Column having cross sectoinal area 0.12 to 0.18 Sq.M.G.F.(R.A.2)	As per separate attachment
6	Providing and Laying ordinary cement concrete M-20 1:1.5:3 (1-Cement 1.5-Coarse sand 3-Graded stone agg. 20mm nominal size) and finishing but excl. the cost of reinfor RCC work in Beam having C/S area 0.12 to 0.18 sq. mt. G.F.(R.A.3)	As per separate attachment
7	Filling in plinth with sand under floors including watering ramming,consolidating and dressing etc. comp.(S.O.R.It.No.04007A)	As per separate attachment
8	Precast concrete block masonry (including quoin blocks jamb blocks closer etc.) with solid concrete blocks of approved size made of cement concrete 1:3:6 mix (1 Cement : 3 coarse sand: 6- graded stone aggregates of 20 mm and down grade) in superstructue above plinth upto floor two level. (S.O.R.It.No.07012A + 07013)	As per separate attachment
9	Providing and laying ordinary cement conctere M20 (1 cement :1.5 coarse sand:3 stone agg.20mm nominal size) and curing comp.incl.cost of form work in sill and sides (R.C.C.Band) but.excl.the cost of reinforcement. (R.C.C.Band)(R.A.4)	As per separate attachment
10	Providing and laying ordinary cement conctere M20 (1 cement :1.5 coarse sand:3 stone agg.20mm nominal size) and curing comp.incl.cost of form work in sill and sides for R.C.C Lintel incl. Finishing smooth with curing comp.incl.cost of form work but.excl.the cost of reinforcement. (R.C.C.Band)(R.A.5)	As per separate attachment
11	Providing and laying ordinary cement conctere M20 (1 cement :1.5 coarse sand:3 stone agg.20mm nominal size) for reinforced concrete chajjas not exceeding 10cm. thickness upto floor two level including finishing the exposed surfaces with cement mortar 1:3 (1Cement : 3 fine sand) to gove a smooth surface centering and form work and curing complete excluding cost of reinforcement.(R.A.6)	As per separate attachment
12	Providing and laying ordinary cement conctere M20 (1 cement :1.5 coarse sand:3 stone agg.20mm nominal size) and finishing smooth with curing etc. complete including the cost of form work butexcluding the cost of reinforcement for R.C.C. work in Slabs having more than 10 cm & :upto 12 cm thickness.(R.A.7)	As per separate attachment
13	Providing TMT Bar FE 500/500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level (S.O.R. /It.No.05014C)	As per separate attachment
14	Providing and laying Mirror polished Black Granite stone slab 18 mm (Average) thick for Door Frame and Windows jams and cills as per design incl. full moulded round front edge and laid on 20 mm thick cement mortar 1:6 (1 -cement : 6 coarse sand) jointed with grey cement slurry including rubbing and polishing etc. complete(R.A. 8)	As per separate attachment
15	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including black enamelled iron oxidised fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.(S.O.R.It.No.10031B)	As per separate attachment

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16	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605,@ Wt 1.094 Kg / Rmt), horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm (of Jindal Section no: 8687 @ wt.of 0.695 Kg/mt), vertical member of size 61.85 mm x 31.75mm x 1.30 mm (of Jindal Section no:8758 @ wt.of 0.0.659 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt), vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt/ Section 8948, @ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.(S.O.R.It.No.11028)	As per separate attachment
17	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws. (A) Plain Grill.(S.O.R It.No10025AA)	As per separate attachment
18	Providing 10mm. thick cement plaster in single coat on fair side Brick/concrete walls for interior plastering upto floor two level and finished even and smooth in :C.M.1:3 (1cement:3sand) finishing plaster in single coat on ceiling and soffits of stairs upto floor two level and finished even and smooth (S.O.R It.No17001A)	As per separate attachment
19	Providing 15mm. thick cement plaster in single coat on fair side Brick/concrete walls for interior plastering upto floor two level and finished even and smooth in :C.M.1:3 (1cement:3sand) with 1x1 cm grooves G.F.(S.O.Rit.No.17002A)	As per separate attachment
20	20mm. thick sand faced cement plaster on walls upto height 10meters above ground level consisting of 12mm. thick backing coat of c.m. 1:3 (1cement : 3 sand) and 8mm. thick finishing coat of c.m. 1:1 (1cement : 1 sand) etc. complete.(S.O.R It.No.17009)	As per separate attachment
21	P & L 24" x 24" vitrified 8 mm 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 adhesive material including dismantling of existing flooring and jointed with color cement slurry includingfinised with flush pointing & cleaning the surface etc.complete for light shade(SOR It.No.14022A]	As per separate attachment
22	Finishing wall with water proffing cement paint of on wall surface (two coats) to give an approved brand and manufacture and of required shape even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials.(S.O.R It.No.18027+18028)	As per separate attachment
23	Wall painting (three coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.including applying two coats of Birla or Asian acrylic lapy (putty) & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.(S.O.R.It.18031+18032+19032)	As per separate attachment
24	Providing and laying white glazed 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.[SOR 2024-25 I.C.14008AA, It.No.14.29, Pg.127]	As per separate attachment
25	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.75 mm for rain water(S.O.R.23004F)	As per separate attachment
26	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 accessories	As per separate attachment

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27	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 attachment
28	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 (a) 2 wire 1.5 sq. mm	As per separate attachment
29	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 (a) 2 wire 2.5 sq. mm	As per separate attachment
30	Providing & Erecting following Shockproof tissino type accessories erected on 3 mm thick PC (Polycarbonate) sheet in PVC/ Metal Box. erected on wall/ ceiling.(5) One no Single pole 16 A Switch & One no 6A/16 A Universal Socket combined.	As per separate attachment
31	Providing & Erecting following Shockproof tissino type accessories erected on 3 mm thick PC (Polycarbonate) sheet in PVC/ Metal Box. erected on wall/ ceiling.(6) One no Single pole 16 A Switch & One no 6A/16 A Universal Socket combined with indicator & fuse	As per separate attachment
32	Providing & Erecting following Shockproof tissino type accessories erected on 3 mm thick PC (Polycarbonate) sheet in PVC/ Metal Box. erected on wall/ ceiling (7) Bakelite ceiling, rose	As per separate attachment
33	Providing & Erecting following Shockproof tissino type accessories erected on 3 mm thick PC (Polycarbonate) sheet in PVC/ Metal Box. erected on wall/ ceiling (8) Bakelite lamp holder	As per separate attachment
34	providing and erecting Approved make Double Pole Plastic Switch and fuse 250V., 30A confirming to IS erected on Polished wooden block as directed.	As per separate attachment
35	Supplying KITKAT pattern porcelain cut-out with base of following current capacity erected on existing block board. (i) 16 A. 250 V .	As per separate attachment
36	providing and erecting Miniature circuit breaker single pole 6A to 25A 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 attachment
37	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 (A) 6 to 32 Amp. Cat-III	As per separate attachment
38	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) (A) Single phase 4 way single door	As per separate attachment
39	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 (i) 25 Amps.DP Cat. III	As per separate attachment
40	Providing and erecting Annealed bare Copper wire 8 to 16 SWG.	As per separate attachment
41	Pipe type earthing having 150 cms.long and 2.5 cms. dia. galvanised iron pipe with coupling and buch buried in specially prepared earth pit complete with necessary 8 SWG earth wire.Including using salt and charcoal / coke as required for pipe type earthing. and Cast iron earth plate size 30 X 30 X 0.35 cms. buried in specially prepared 2.5 Mtr. deep earth pit complete with necessary G.I. strip in G.I. pipe 2 Mtr. long with coupling and G.I. plug for earthing of switch gear, conduit run or power plug etc.	As per separate attachment
42	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 attachment

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