

KACHCHH PANCHAYAT R. & B. DIVISION BHUJ**NAME OF WORK : CONST. OF AANGANWADI BUILDING AT CHITROD - 05 VILLAGE OF RAPAR TALUKA.****SPECIFICATION INDEX**

Sr.No.of the Item in schedule-"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. (1
2	Providing and Laying cement concrete 1:4:8 (1-Cement 4-Coarse sand 8-Hand broken stone aggregate 40mm nominal size) and curring complete excluding cost of form work in (a) Foundation and plinth.	1
3	Providing and laying cement concrete Mix M - 20 (1 Cement : 1.5 coarse sand :3 graded stone aggregates 20mm. nominal size) and curring complete excluding cost of form work and reinforcement for reinforced concrete work in : (a) Foundation footing base of columns and mass concrete.	4
4	Providing and laying cement concrete M-20 (1 Cement : 1.5 coarse sand :3 graded stone aggregates 20mm. nominal size) and curring complete excluding cost of form work and reinforcement for reinforced concrete work in : (d) Columns, pillars posts and struts upto floor two level.	4
5	Uncoursed rubble masonry with hard stone of approved quality in foundation and plinth in cement mortar 1:6 (1-Cement 6-Course sand) including levelling up etc. complete	8
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 .08 / .12 sq. mt.	4
7	Filling in plinth with sand under floors including watering, ramming, consolidating and dressing etc. Complete	10
8	White stone Bela masonry block in course in super structure with stone of approved quality in cement mortar 1:5 (1 cement : 5 course sand) including racking the joints etc. complete. COMPLETE	10
9	Pre-cast concrete block masonry in partition walls 10cm. thick with solid block of approved size (including quoin blocks, closer etc.) made of c.c. 1:3:6 (1cement : 3 coarse sand : 6 graded stone aggregate 20mm. and down gauge.) (A) In c.m. 1:4	11
10	Providing & Laying cement concrete M -20 (1-Cement 1.5-Coarse sand 3-Stone aggregate 20mm nominal size) and curing comp. for SILL / LINTEL Incl. Cost of form work	4
11	Providing & Laying cement concrete M -20 (1-Cement 1.5-Coarse and 3-Graded nominal size) for reinforced conc. Chhajas not excluding 10 cm thickness upto floor two level incl. Finishing the exposed surface with cement mortar 1:3 (1-Cement 3-Fine sand to give a smooth surface centering and form work and curing comp. excl. the cost of reinforcement.	5
12	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 Slabs having 10 to 13 cm thickness.	5

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13	Providing TMT Bar FE 500D reinforcement for R.C.C.work including bending, binding and placing in position complete upto floor two level	12
14	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.	14
15	Providing 15 mm. Thick cement plaster in single coat on similar side Brick/concrete half walls for interior plastering upto floor two level and finished even and smooth in CM 1:3 (1 cement : 3 sand)	14
16	Providing 10 mm. Thick cement plaster in single coat on ceiling and soffits of stairs interior plastering upto floor two level and finished even and smooth in CM 1:3 (1 cement : 3 sand)	16
17	Providing and laying 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 including rubbing and polishing complete. 25 mm thick	16
18	Distempering (two coats) with oil bound distemper of approved brand & manufacture & of required shade on wall surfaces to give an even shade,over & including a priming coat with a distemper primer of approved brand & manufacture after thoroughly brushing the surface free from mortar dropping & other foreign matter & also including preparing the surface even & sand papered smooth.	17
19	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.	18
20	Pro. And Fixi. In position M. S. angle 40 x 40 x 6 mm angle frame for door and 35 x 35 x 5 mm angle frame for shutter with 16 guage M. S. sheet welded to shutters frame as per approved drawigs and design including a coat of priming coat of red oxide and three coat of oil paint including all necessary fittings, Fixtures, Locking arrangement etc. complet.	19
21	Pro. And Fixi. In position M. S. angle 35 x 35 x 6 mm angle frame for window and ventilator with safty grill of 10 mm square bar @ 10 cm. C/C and 25 x 25 x 5 mm angle frame for shutter with 16 guage M. S. sheet welded to shutters frame as per approved drawigs and design including a coat of priming coat of red oxide and three coat of oil paint including all necessary fittings, Fixtures, Locking arrangement etc. complet.	21
22	Providing and fixing cast iron (spun) Nahni trap of the following nominal diametre of self cleaning design with C.I. Screwed down or highed grating including cost ofcutting and making good the walls and floors 100mm.inlet and 50mm. outlet.	21
23	Providing and laying (Two level or slopes) and jointing with stiff mixture of cement mortar in proportion 1:1 salt glazed stone ware pipes following nominal internal100mm diametres including testing of pipes and joints etc. complete	21

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24	Pro. And layi. Water proofing treatment with china mosaic tiles flooring on a bed of 50 mm average thick C. C.1 : 2 : 4 including water proofing materials as directed and 12 mm thick layer of C. M. 1: 3 with a floating coat of neat cement using peaces of 6 mm thick white glazed tiles in peases of required size laid as directed and finished with a floating coat of white cement etc.comp. including cost of all required materials and labour charges.	22
25	Providing and laying white glazed tiles 6 mm. thick in skirting, risers of steps and dodo on 10mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) pointing in white ceand jointed with white cement slurry	22
26	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) of the following nominal bore, tube, fittings and clamps including making good the wall, ceiling and floor. (A) 15mm.	23
27	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) of the following nominal bore, tube, fittings and clamps including making good the wall, ceiling and floor. (B) 20 mm	23
28	Providing and fixing cast iron spigot and socket soil, waste and ventulating pipes of the following nominal size. (B) 75mm. dia.	24
29	Providing and fixing in position cowel vent to pipes (I) 75mm. dia. (25
30	Providing and fixing water closet squatting pan (Indian type W.C. pan) size 580mm. (Earth work, Bed concrete foot rests and trap to be measured and paid for separately) (A) Vitereous china. (i) Long patter white colour incl.	25
31	Providing and fixing screw down bib taps of following size : (B) Brass chromium plated screw down bib tap (I) 15mm. dia.	26
32	Providing and fixing gun metal check or non - return fullway wheel valve. 20 mm	26
33	Providing and fixing G.I. rain water spout of 50 mm. dia. and 30 cm. length.	26
34	supp. And fixi. SYNTEX brand PVC water storage tank of 1000 liter storage capacity and make with ISI mark with all nesaary fittigs, inlet out let shoket, washer etc. complet	27
35	Constructing brick masonry road gully chamber 450mm. x 450mm. X 775mm. with vertical grating complete. (27
36	(A) Providing sock pit of 2.0 Cu.mt. volume incl -uding excavating and filling brick bats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in cm. 1:3 with finishing curing etc. complete as directed.	28
37	Providing and laying cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm. nominal size) laid in one layer finished with a floating coat of neat cement. (A) 50 mm. thick.	28

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38	Providing and fixing wash basin with single hole for pillar tap with C.I or M.S. brackets painted white incl. cutting holes and making good the same incl. 32mm dia. C.P brass waste, 32mm dia. M.I. fisher and 15mm dia. capstan head pillar tap union. Vitreous china flat back wash basin 550mm * 400mm size white in colour.	29
39	Supplying & erecting approved make self-priming domestic monoblock water pump with 0.5 H.P. motor, suitable for operation on 230 volts 50 c/s. AC supply with metallic flange, delivery and discharge of 32 LPM at 10 mtrs. head.	30
40	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 filling the joint with sand in proper line and level as per guidelines of IRC : SP 63-2018 etc. Complete	30
41	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 Tisino Type ISI marked flush type switch / bell push and accessories erected on Metal / PVC Box covered with 3 mm thick PC (Polycarbonate) / Acrylic sheet. with necessary Lamp holder/ceiling rose / H.D. Connector as directed. (a) with medium class Rigid PVC pipe and accessories	35-59
42	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 (Polycarbonate) / Acrylic sheet for open / concealed wiring for following size. [A] For 6 Amp	35-59
43	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	35-59
44	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	35-59
45	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.	35-59
46	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	35-59

Sr.No.of the Item in schedule-"B"	Brief Description of Item	Page No.
47	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	35-59
48	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	35-59
49	providing and erecting Approved make Double Pole Plastic Switch and fuse 250V., 30A conforming to IS erected on Polished wooden block as directed.	35-59
50	Supplying KITKAT pattern porcelain cut-out with base of following current capacity erected on existing block board. (i) 16 A. 250 V .	35-59
51	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. conforming to IS 8828/1996 with ISI Mark Cat-III	35-59
52	Providing & erecting 240 V MCB double pole switch for lighting Load (B Curve) having 10 KA breaking capacity & conforms to IS : 8828 in existing box having following capacity (A) 6 to 32 Amp. Cat-III	35-59
53	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, conforming to IS 13032 and BS 5486-1986 without MCB to house appropriate nos. of	35-59
54	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	35-59
55	Providing and erecting Annealed bare Copper wire 8 to 16 SWG.	35-59
56	Pipe type earthing having 150 cms. long and 2.5 cms. dia. galvanised iron pipe with coupling and 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.	35-59

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