

**Name of Work :-Constructing a Sarkari Mandali Building at Village.Sarsad
Tal. Jhagadia Dist.Bharuch**

SPECIFICATION INDEX

It. No.	Description of Item	Applicable specification reference
1	Excavation for foundation upto 1.50 mt depth including sorting out and stacking of useful materials and disposing the excavated stuff within all lead and lift for all sorts of soil.	As per Separate Sheet attached.
2	Excavation for foundation from 1.5 mt. to 3.0 mt. depth including sorting out and stacking of useful materials and disposing the excavated stuff within all lead and lift for all sorts of soil.	As per Separate Sheet attached.
3	Providing and laying cement concrete 1:3:6 (1- cement : 3 coarse sand : 6 hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in foundation and plinth.	As per Separate Sheet attached.
4	Providing and laying cement concrete 1:3:6 (1- cement : 3 coarse sand : 6 crushed stone aggregates 20 mm nominal size) and curing complete including the cost of formwork (A) Wall caps / coping.	As per Separate Sheet attached.
5	Providing & laying controlled cement concrete M 250 with curing complete including the cost of formwork and excluding the cost of reinforcement of reinforced concrete work in up to floor two level (A) Foundations footing base of columns and mass concrete etc.comp.	As per Separate Sheet attached.
6	Providing & laying controlled cement concrete M 250 with curing complete including the cost of formwork and excluding the cost of reinforcement of reinforced concrete work in up to floor two level (B) COLUMNS (up to plinth level)	As per Separate Sheet attached.
7	Providing & laying controlled cement concrete M 200 with curing complete including the cost of formwork and excluding the cost of reinforcement of reinforced concrete work in up to floor two level (B) COLUMNS (up to plinth level)	As per Separate Sheet attached.
8	Providing & laying controlled cement concrete M 250 with curing complete including the cost of formwork and excluding the cost of reinforcement of reinforced concrete work in up to floor two level (A) BEAMS	As per Separate Sheet attached.
9	Providing and Laying controlled cement concrete M200 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work up to floor two level (ii) Beam, lintel.	As per Separate Sheet attached.
10	Providing and Laying controlled cement concrete M200 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs ,sill,shelves,Chajja.	As per Separate Sheet attached.
11	Filling available excavated earth (excluding rock) in trenches plinth, sides of foundations etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering.	As per Separate Sheet attached.
12	Filling in foundation and plinth with murrum or selected soil in layers of 20 cm thickness including watering, ramming and consolidation and dressing etc. complete	As per Separate Sheet attached.
###	#REF!	As per Separate Sheet attached.

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13	Brick work using common burnt clay building brick 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	As per Separate Sheet attached.
14	Brick work using common burnt clay building brick having crushing strength not less than 35 kg/sq. in cm foundation and plinth in Cement mortar 1:6 (1 Cement : 6 fine sand) (B) Conventional Brick work in Super structure above Plinth level up to two floor	As per Separate Sheet attached.
15	Half brick masonry in common burnt clay building having crushing strength not less than 35 kg/sq.cm in cement mortar 1:4 (1-cement : 4-coarse sand) in foundation and plinth. Extra for half brick masonry in superstructure above	As per Separate Sheet attached.
16	Providing ISI Mark T.M.T Bar 415 Fe reinforcement for R.C.C. work including binding, and placing in position complete upto floor two level.	As per Separate Sheet attached.
17	Providing 10 mm thick cement plaster in single coat on brick/concrete wall for interior plastering upto floor two level finished even and smooth in (II) cement mortar 1:4 (1 cement : 4 sand)	As per Separate Sheet attached.
18	Providing 15 mm thick cement plaster in single coat on brick/concrete wall for interior plastering upto floor two level finished even and smooth in (I) cement mortar 1:4 (1 cement : 4 sand)	As per Separate Sheet attached.
19	Providing 20mm thick sand faced cement plaster (GUTAKA) on walls upto height 10 meter 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.
20	Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on wall surface to give an even shade, over and including a priming coat of whitening after thoroughly brooming the surface free from mortar dropping and o	As per Separate Sheet attached.
21	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 so	As per Separate Sheet attached.
22	Finishing wall with water proofing cement paint on wall surface (two coats) to give an approved brand and manufactures and of required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered material.	As per Separate Sheet attached.
23	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (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 co	As per Separate Sheet attached.
24	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. (upto 10 ton)	As per Separate Sheet attached.

It. No.	Description of Item	Applicable specification reference
25	Providing and laying white glazed tiles 6mm thick in skirting risers of steps and dado on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry (upto 10 ton)	As per Separate Sheet attached.
26	Providing and fixing flush door shutter solid core construction with frame of first class hard wood with cross band and face veneer of plywood face panels, including anodized aluminium but hinges with necessary screws. non decorative type and black board	As per Separate Sheet attached.
27	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm, @ Wt 1.094 Kg / Rmt, horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm @ wt. of 0.695 Kg/mt vertical member of size 61	As per Separate Sheet attached.
28	Providing and fixing standard extruded of aluminium section of size 63.50 x 38.10 x 1.95 mm (of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour anodized aluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anod	As per Separate Sheet attached.
29	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 filled up with injected fire retardant grade polyurethane foam	As per Separate Sheet attached.
30	Providing and fixing M.S. grill of required pattern top wooden frames of windows etc. with M.S. flats at required spacing and frame around square or round headed bolts and nuts or by screws including applying a priming coat of red lead paint and two coats	As per Separate Sheet attached.
31	Providing and Fixing polished marble stone with necessary moulding around Sill & Jamb of Windows. For windows total width 0.23 + 0.07 = 0.3	As per Separate Sheet attached.
32	Providing and laying broken china mosaic flooring for terrace using 12mm to 20mm broken pieces of glazed tiles to be laid over cement 1:3 to plain or slop and to be tempered to bring mortar crême out upto surface using with cement including rounding of joints	As per Separate Sheet attached.
33	Providing and fixing to wall ceiling and floor 6.0 kgf/cm ² working pressure polythelene pipes of the following outside dia low density pipes of the following outside dia low density complete with special flange compression type complete with special flange	As per Separate Sheet attached.
34	Providing and fixing white or coloured glazed china vitreous china orrissa pattern water closet squatting pan (Indian type W.C. pan) size 580 mm including providing and fixign vitreous china 100 mm size 'P' or 'S' trap including jointing the trap with pan	As per Separate Sheet attached.
35	Providing and fixing flat back wash basin 550 mm x 400 mm size of first grade, white in colour with single hole for pillar trap with CI or MS brackets painted with including cutting holes and making good the same including providing and fixing CP brass wast	As per Separate Sheet attached.

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37	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia.	As per Separate Sheet attached.
38	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap.(i) 15mm dia.	As per Separate Sheet attached.
39	Providing and fixing chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete (i) 20 mm Dia	As per Separate Sheet attached.
40	Providing and fixing brass screw down stop tap.(A) 15mm dia.	As per Separate Sheet attached.
41	Providing and fixing 12.5 Litres low level flushing cistern with a pair, of C.I. or Mild brackets, complete with fittings such as lead valve less syphon, 15mm	As per Separate Sheet attached.
42	Supplying & fixing PVC water tank of Sintex including delivery at site, supply and fixing of lintel, outlet, air vent overflow, drainage sleeves of the specified size, with necessary neoprene gasket/packing/washers, GI washer & check nuts etc all complete	As per Separate Sheet attached.
43	Providing. & laying(Two level or slopes)&jointing with stiff, mixture of cement mortar in proportion 1:1 Salt glazed stoneware pipes following nominal internal dia.incl. testing of pipes and joints complete with providing and laying c.c.1:5:10 [1stonewar	As per Separate Sheet attached.
44	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.(B) 150mm x 100mm size P or R type	As per Separate Sheet attached.
45	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 f	As per Separate Sheet attached.
46	Providing soak pit of 5.0 Cum volume including excavating &filling brickbats with dry masonry work @ top for 45 cms height including providing vatas in CM 1:3 with finishing curring etc complete	As per Separate Sheet attached.
47	.Constructing Septic tank and bed Concrete 1:3:6 (1 Cement, 3 Coarse sand , 6 crused stone aggregate 40mm nominal size) and P.C.C 1:2:4 15cm thick and brick work using common burnt clay building 35kg/cm^2 in cement mortar 1:5 including inside smooth plas	As per Separate Sheet attached.
48	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	As per Separate Sheet attached.
49	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 sread down or hinged grating including the cost of cutting and making	As per Separate Sheet attached.
57	Decorative Call bell ting tong type, 250 Volts. Comp errected on polished wooden block or in M.S.box with 3mm .thick laminated sheet.	As per Separate Sheet attached.
61	Pipe type earthing having 15 cms. long & 2.50cms. Dia. Galvanised iron pipe with coupling and buch burried in speciallyprepared earth pit. Complete. Withnecessary 8swg. Earth wire incl. Using salt. And charcol / cock as required for pipe type earthing	As per Separate Sheet attached.
62	Mains with 1.1 KV gradeFR PVC insulated ISI marked stranded Copper conductor wire in existing pipe erected with 1.5 sq. mm copper conductor FR	As per Separate Sheet attached.
63	Approved make MEM type Double pole iron clad switch & fuse 240 / 250 V. 15 / 16 A. confirking to I.S.S. erected on polished wooden block. Cat. II	As per Separate Sheet attached.

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	Deputy Executive Engineer Panchayat (R & B) Sub Division Valia	Executive Engineer Panchayat (R&B)Division Bharuch