

Name of Work :-Repairing/Renovation of Office Building and Compoundwall of Tantrik Talim Kendra at lilapar road, Morbi, Dist.Morbi

Index to Specification

Item No.	Item of Works	Volume No.	Page No.	Specification Item No.	Remark
1	2	3	4	5	6
1	Demolition of Brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	I	130	20.11.(I)	Work shall be carried out for Complete Item Measured & Paid on the basis of CuM.
2	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	I	131	20.23	Work shall be carried out for Complete Item Measured & Paid on the basis of Sqm
3	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	I	130	20.3.	Work shall be carried out for Complete Item Measured & Paid on the basis of Cum
4	Removing and scraping of old deteriorated plaster of any thickness from wall / R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM
5	Repairs and Re-fitting of doors, window and Cup Board shutters by providing necessary non teak wood member, glass/Acrylic sheet and necessary hardware fitting and including touching the new member by matching existing oil painting, shed etc. complete as directed including all cost of labour and materials.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM
6	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto all lead.(C) Hard Murrum	I	22	4.0.0.(C)	Work shall be carried out for Complete Item Measured & Paid on the basis of Cum
7	Providing and laying compacted WBM of B.T.M.C.metal of size of size 40 to 63 mm in required layers including using 13% stone screening 13.20 mm size and 7% stone dust as filler including spreading watering and consolidation by vibratory roller etc complete.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of Cum
8	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 (A) Foundation and Plinth	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of Cum
9	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 1:5. (1-Cement : 5 -fine sand)(B) Conventional	I	45	6.19 (A)	Work shall be carried out for Complete Item Measured & Paid on the basis of Cum

Item No.	Item of Works	Volume No.	Page No.	Specification Item No.	Remark
1	2	3	4	5	6
10	Providing and Laying ordinary cement concrete 1:1:2 (1- Cement 1- coarse sand : 2- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of Cum
11	Providing and laying ordinary cement concrete 1:1:2 (1- Cement 1- coarse sand : 2- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of Cum
12	Providing TMT Bar FE 500/500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level for Ground Floor	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of Kg
13	Providing and fixing M.S. grills of required pattern to frames of windows etc. with M.S. flats at required spacings and frame alround, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of KG
14	Applying general insecticide pest control treatment to floors, cupboards etc including labour material etc. complete. Using Heptachloride 20 EC. As Per 6113_pests Concentration Weight 0.50 percent is recommended one litre chemical emulsion dillute with 39 liter of water will give. Total dillute concentration will be 40 litre inclusive of one litre chemical emulsion appication 0.5 Litre chemical / Sqm of surface is recommended as per I.S	I	120	18.57	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM
15	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in superstructure in Cement Mortar 1:5. (1- Cement : 5 - fine sand)(B) Conventional	I	43	6.12. (B)	Work shall be carried out for Complete Item Measured & Paid on the basis of Cum
16	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and inished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand)	I	104	17.58 (I)	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM
17	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand)	I	105 106	17.58 (II) 17.69	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM
18	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	I	106 106 106 107 107	17.61 (I) 17.69 17.70 17.94 (I) 17.94 (III)	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM

Item No.	Item of Works	Volume No.	Page No.	Specification Item No.	Remark
1	2	3	4	5	6
19	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.	I	110	18.11.	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM
20	Wall painting (two 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.	I	120	18.57	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM
21	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 remove all dirt, and remains of loose powdere materials.etc complete	I	120	18.57	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM
22	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 dismantaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM
23	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 including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	I	154	23.8 (A)	Work shall be carried out for Complete Item Measured & Paid on the basis of Rmt
24	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 including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	I	154	23.8 (B)	Work shall be carried out for Complete Item Measured & Paid on the basis of Rmt
25	Providing laying and jointing in true line and level 50mm 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 including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	I	154	23.8 (F)	Work shall be carried out for Complete Item Measured & Paid on the basis of Rmt

Item No.	Item of Works	Volume No.	Page No.	Specification Item No.	Remark
1	2	3	4	5	6
26	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 shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diametre x 149 mm length x 145 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	I	154	23.8 (E)	Work shall be carried out for Complete Item Measured & Paid on the basis of Rmt
27	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	I	150	23.92.1(A)(I)	Work shall be carried out for Complete Item Measured & Paid on the basis of No
28	Providing and fixing Gun metal check or non-return fullway wheel valve.(A) 15mm dia.	I	152	23.99	Work shall be carried out for Complete Item Measured & Paid on the basis of No
29	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including sutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour.	I	150	23.14	Work shall be carried out for Complete Item Measured & Paid on the basis of No
30	Providing and fixing wsh 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) (Seal and cover to be measured and paid for separately)(A) vitreous China Pattern :(i) in white colour	I	18 133	M-16 20.001	Work shall be carried out for Complete Item Measured & Paid on the basis of No
31	Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm , @ Wt. 0.643 Kg/mt with colour Powder Coated alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for <u>Ventilation</u>	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM
32	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of Each
33	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.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM
34	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 and finished with a floating coat of neat cement. (B) 50mm thick.	I	89	14.71 (B)	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM

Item No.	Item of Works	Volume No.	Page No.	Specification Item No.	Remark
1	2	3	4	5	6
35	Providing and fixing Urinal or approved quality including connecting the Urinal with waste pipe , tap etc. complete.(A) White earthenware flat back or corner type size 430mm x 260mm x 350mm	I	152	22.124.(A)	Work shall be carried out for Complete Item Measured & Paid on the basis of Each
36	Providing and laying Mirror polished Machine polished Granite 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 coarse sand) jointed with grey cement slurry including rubbing and polishing etc. complete.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM
37	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (ii) 20mm dia.	I	151	23.95 (A)	Work shall be carried out for Complete Item Measured & Paid on the basis of Each
38	Providing, laying and jointing in true line and level 160 diameter 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 shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diameter x 210 mm length x 196 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	I	154	23.8 (E)	Work shall be carried out for Complete Item Measured & Paid on the basis of Rmt
39	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.	I	146	23.87	Work shall be carried out for Complete Item Measured & Paid on the basis of Each
40	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of Each
41	Providing erecting and fixing double coated ISI water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of Lit
42	Providing and fixing 35 mm thick SINGLE SHUTTER FLUSH DOOR using Shutters with both size Decorative 1 mm thick Laminated, pattern and design is to be approved by the Architect, with Stainless Steel handle size 30 Cm Long, Tower Bolt size 15cm, & Heavy Stainless steel Aldrop as per detailed drawing / as directed.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of SqM

Item No.	Item of Works	Volume No.	Page No.	Specification Item No.	Remark
1	2	3	4	5	6
43	Providing and supplying ISI Standard R.C.C. pipes(of Sulphate Resisting Cement) in standard lengths of following class and diameter suitable for either collar joints or rubber ring joints including all taxes, insurance, transportation,freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc.Class NP3 Test Pressure 0.7 Kg/sq.cm 200mm Dia.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of Rmt
44	Providing and fixing Mosquito net shutter and fixed to all size window with frame shutter frame vertical Moving. with necessary closer, fixtures and fastening rubber biding clips etc. complete.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of Sqm
45	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pnumatic 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 guidlines of IRC : SP 63-2018 etc. Complete.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of Sqm
46	Providing and fixing CUPBOARD shutters using 19 mm thick waterproof (ISI 710) and fixing 0.8 mm thick decorative lamination sheet 20 mm x 2 mm Plywood frame having a size 7 cm x 4 cm using necessary fixtures, fastening, nails, fevicol, ball catch, magnet and innerside of cupboard oil painting two coats with primer coat etc. complete as per Engineer in Charge.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of Sqm
47	Providing and laying coloured glazed tiles of the 8 mm in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.	II	-	As per Attached	Work shall be carried out for Complete Item Measured & Paid on the basis of Sqm

Signature of Contractor

**Deputy Executive Engineer
R & B Sub Division
Morbi**

**Executive Engineer
R & B Division
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