

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

=// Bill of Quantities //-

Item No.	Quantitie Estimated	Item of Works	Unit	Estimated Rates		Total Amount According to
				Rs. in Figure	Rs. In Words	
1	15.00	Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	CuM.	562.89	Rupees Five Hundred Sixty Two Paise Eighty Nine Only	8443.35
2	111.00	Dismantaling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Sqm	49.12	Rupees Fourty Nine Paise Twelve Only	5452.32
3	29.00	Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	Cum	1082.35	Rupees One Thousand Eighty Two Paise Thirty Five Only	31388.15
4	524.00	Removing and scraping of old deteriorated plaster of any thickness fromm wall / R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift.	SqM	19.89	Rupees Nineteen Paise Eighty Nine Only	10422.36
5	18.00	Repairs and Re-fitting of doors, window and Cup Board shutters by providing necessary non teak wood member, glass/Acrylic sheet and nesssry 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.	SqM	1313.05	Rupees One Thousand Three Hundred Thirteen Paise Five Only	23634.90
6	533.00	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	Cum	267.08	Rupees Two Hundred Sixty Seven Paise Eight Only	142353.64
7	482.00	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.	Cum	1255.20	Rupees One Thousand Two Hundred Fifty Five Paise Twenty Only	605006.40
8	141.00	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	Cum	3192.66	Rupees Three Thousand One Hundred Ninety Two Paise Sixty Six Only	450165.06
9	12.00	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	Cum	4245.09	Rupees Four Thousand Two Hundred Fourty Five Paise Nine Only	50941.08
10	1.00	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	Cum	7438.65	Rupees Seven Thousand Four Hundred Thirty Eight Paise Sixty Five Only	7438.65

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11	6.00	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	Cum	7143.73	Rupees Seven Thousand One Hundred Fourty Three Paise Seventy Three Only	42862.38
12	1390.00	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	Kg	77.29	Rupees Seventy Seven Paise Twenty Nine Only	107433.10
13	735.00	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.	KG	109.24	Rupees One Hundred Nine Paise Twenty Four Only	80291.40
14	128.00	Applying general insecticide pest control treatment to floors, cupboards etc including labour material etc. complete. Using Heptachloride 20 EC. As Per 6113_pests Consentration Weight 0.50 percent is recommended one litre chemical emulsion dillute with 39 liter of water will give. Total dillute concenteration will be 40 litre inclusive of one litre chemical emulsion appication 0.5 Litre chemical / Sqm of surface is recommended as per I.S	SqM	91.63	Rupees Ninety One Paise Sixty Three Only	11728.64
15	30.00	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	Cum	4526.81	Rupees Four Thousand Five Hundred Twenty Six Paise Eighty One Only	135804.30
16	95.00	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)	SqM	108.58	Rupees One Hundred Eight Paise Fifty Eight Only	10315.10
17	262.00	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)	SqM	141.48	Rupees One Hundred Fourty One Paise Fourty Eight Only	37067.76
18	406.00	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.	SqM	315.69	Rupees Three Hundred Fifteen Paise Sixty Nine Only	128170.14
19	357.00	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.	SqM	40.59	Rupees Fourty Paise Fifty Nine Only	14490.63
20	357.00	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.	SqM	84.37	Rupees Eighty Four Paise Thirty Seven Only	30120.09
21	406.00	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	SqM	120.26	Rupees One Hundred Twenty Paise Twenty Six Only	48825.56

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22	115.00	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 color cement slurry including finished with flush pointing & cleaning the surface etc. complete for	SqM	1467.72	Rupees One Thousand Four Hundred Sixty Seven Paise Seventy Two Only	168787.80
23	10.00	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.	Rmt	72.65	Rupees Seventy Two Paise Sixty Five Only	726.50
24	10.00	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.	Rmt	91.84	Rupees Ninety One Paise Eighty Four Only	918.40
25	10.00	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.	Rmt	195.67	Rupees One Hundred Ninety Five Paise Sixty Seven Only	1956.70
26	10.00	Providing, laying and jointing in true line and level 110 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 110 mm diameter 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.	Rmt	876.90	Rupees Eight Hundred Seventy Six Paise Ninety Only	8769.00
27	2.00	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	No	186.83	Rupees One Hundred Eighty Six Paise Eighty Three Only	373.66
28	1.00	Providing and fixing Gun metal check or non-return fullway wheel valve.(A) 15mm dia.	No	186.83	Rupees One Hundred Eighty Six Paise Eighty Three Only	186.83
29	1.00	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.	No	1581.77	Rupees One Thousand Five Hundred Eighty One Paise Seventy Seven Only	1581.77
30	1.00	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	No	1356.81	Rupees One Thousand Three Hundred Fifty Six Paise Eighty One Only	1356.81

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31	1.00	Providing and fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2mm , @ Wt. 0.643 Kg/mt with colour Powder Coated aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	SqM	1175.56	Rupees One Thousand One Hundred Seventy Five Paise Fifty Six Only	1175.56
32	1.00	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 plug with C.P. brass screws and washers.	Each	859.41	Rupees Eight Hundred Fifty Nine Paise Fourty One Only	859.41
33	129.00	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.	SqM	779.70	Rupees Seven Hundred Seventy Nine Paise Seventy Only	100581.30
34	129.00	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.	SqM	339.08	Rupees Three Hundred Thirty Nine Paise Eight Only	43741.32
35	1.00	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	Each	1074.86	Rupees One Thousand Seventy Four Paise Eighty Six Only	1074.86
36	4.00	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.	SqM	3143.12	Rupees Three Thousand One Hundred Fourty Three Paise Twelve Only	12572.48
37	3.00	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (ii) 20mm dia.	Each	354.69	Rupees Three Hundred Fifty Four Paise Sixty Nine Only	1064.07
38	8.00	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 height 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.	Rmt	834.38	Rupees Eight Hundred Thirty Four Paise Thirty Eight Only	6675.04
39	2.00	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 good the walls.	Each	586.27	Rupees Five Hundred Eighty Six Paise Twenty Seven Only	1172.54
40	1.00	Providing and fixing chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	Each	263.77	Rupees Two Hundred Sixty Three Paise Seventy Seven Only	263.77
41	1000.00	Providing erecting and fixing double coated ISI water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	Lit	3.95	Rupees Three Paise Ninety Five Only	3950.00

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42	4.00	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.	SqM	5439.86	Rupees Five Thousand Four Hundred Thirty Nine Paise Eighty Six Only	21759.44
43	74.00	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.	Rmt	421.17	Rupees Four Hundred Twenty One Paise Seventeen Only	31166.58
44	11.00	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.	Sqm	2397.50	Rupees Two Thousand Three Hundred Ninety Seven Paise Fifty Only	26372.50
45	1200.00	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.	Sqm	706.93	Rupees Seven Hundred Six Paise Ninety Three Only	848316.00
46	4.00	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.	Sqm	3628.93	Rupees Three Thousand Six Hundred Twenty Eight Paise Ninety Three Only	14515.72

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47	98.00	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.	Sqm	1488.24	Rupees One Thousand Four Hundred Eighty Eight Paise Twenty Four Only	145847.52
					Grand Total	34,28,120.59

Amount in Words :

Rupees Thirty Four Lakh Twenty Eight Thousand One Hundred Twenty Paise Fifty Nine Only

I / We am/are willing to carry out the work at % **above / below** (Should be written in figures and words) of the estimated rates mentioned above. Amount of my/our tender works out as under.

Estimated amount

Put to tender Rs.

Add..... % above Rs.

Total Rs.

In words.....

NOTES :-

- [1] The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In-Charge for which no extra payment shall be made.
- [2] The labourcess will be deducted as per prevailing rules i.e. 1% of the work done.
- [3] GST and Income tax TDS will be deducted at a source while making payments of bills
- [4] In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt. G.R.: PRC-10/2017 Cement Consumption/16/C Date:11/05/2017 as stated in S.O.R. therefore in R.C.C. items where there is a change as per actual mix design the cost of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.

Signature of Contractor

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

**Executive Engineer
R & B Division
Morbi**