

**Name of Work :- S.R. to Multi story building Phase-2 at Godhra Dist. Panchmahal
(Repairs to Toilet, Drainage, Colour work)**

BILL OF QUANTITIES

Memorandum showing item of works to be carried out.

It. No.	Item of Work	Qty.	Unit	Rates in Figure	Total Amount
1	2	3	4	5	6
1	Dismantling tiled or stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	562.27	Sq.m.	46.77	26297.37
2	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.	13.12	Cum	536.09	7033.50
3	Dismantling sanitary fittings like wash basin, W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	71.00	Each	394.51	28010.21
4	Providing and laying machine cut, free edges, pre mirror polished granite stone slab 18mm thick for doors & windows cill, jambs and cladding as per design including full moulded round front edge and 1cm nosing on 15 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) jointed with grey cement slurry including rubbing, polishing & finishing etc. complete.	121.82	Sq.m.	2633.07	320760.59
5	Providing and laying Vitrified tiles 8 to 10 mm thick, 24" x 24" in skirting, risers of steps and dedo on 10mm thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with 4 mm groove & epoxy filling including labour and cleaning the surface etc. complete.	638.86	Sq.m.	1374.61	878183.34
6	Providing and laying Vitrified tiles 8 mm thick 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 antiskit.	180.25	Sq.m.	1397.83	251958.86
7	Providing, laying and jointing in true line and level I.S.I. mark 40mm dia. U.P.V.C (Sch-40) for cold water including fitting as approved by Engineer in charge. Pipe shall be fixed on the wall with held of clamp at every two meter c/c shall be concealed or open as directed including necessary fitting etc. including testing of pipe and joints and fixing the same with adhesive solvent including cost of all materials.	61.00	Rmt.	148.12	9035.32
8	Providing, laying and jointing in true line and level I.S.I. mark 25mm dia. U.P.V.C (Sch-40) for cold water including fitting as approved by Engineer in charge. Pipe shall be fixed on the wall with held of clamp at every two meter c/c shall be concealed or open as directed including necessary fitting etc. including testing of pipe and joints and fixing the same with adhesive solvent including cost of all materials.	84.00	Rmt.	91.84	7714.56
9	Providing, laying and jointing in true line and level I.S.I. mark 15mm dia. U.P.V.C (Sch-40) for cold water including fitting as approved by Engineer in charge. Pipe shall be fixed on the wall with held of clamp at every two meter c/c shall be concealed or open as directed including necessary fitting etc. including testing of pipe and joints and fixing the same with adhesive solvent including cost of all materials.	89.00	Rmt.	72.65	6465.85

It. No.	Item of Work	Qty.	Unit	Rates in Figure	Total Amount
1	2	3	4	5	6
10	Providing and laying half brick masonry in common burnt clay building conventional type bricks having crushing strength not less than 35 Kg/Sq.cm. in cement mortar 1:4 (1 cement : 4coarse sand) in superstructure above floor two level for Ground floor including the cost of all materials and labour charges etc. complete.	145.09	Sq.m.	651.67	94550.80
11	Providing and fixing approved SWR quality, heavy duty I.S.I. mark UPVC pipes - Type B Ring Fit and Self Fit, confirming to IS 13592 and fitting confirming to IS 14735 for waste water or soil waste pipe, with necessary specials, bends, such as "Y" junction, "T" junction (both single and double) including plugs, shoes, cowls, flange compression type fittings, wall clips, in proper line and level with necessary support like brackets/clamps, clips, RCC or brick pedestals or battens, if necessary, to wall, ceiling and floor, open or concealed complete jointing with rubberising and airtight joints with 'T' shaped rubber ring etc. and lubricant or jointing material, including testing, cutting, making good the wall, ceiling and floor etc. testing and installation of pipe lines as per drawing and specification. (a) 110 mm dia. pipe.	110.00	Rmt.	835.15	91866.50
12	Providing and fixing PVC SWR Nahni trap IS-14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleaning design with screwed down or hinged grating including the cost of cutting and making good the walls.	39.00	Each	558.36	21776.04
13	Providing and fixing 6 mm thick decorative mirror including machine polishing glass all over and fixed with S.S. studs etc. complete with all required fittings & fixtures.	7.92	Sq.m.	2525.00	19998.00
14	Providing and fixing white vitreous china Anglo Indian water closet (European type) of standard size of approved shape (standard quality) including providing and fixing white vitreous china cistern with flush fitting including UF soft close slim seat cover, hinges, hand shower (health faucet) with 1 Meter long easy flex tube in chrome finish & wall hook, fixing accessories, accessories set and cistern fittings, with specials of standard make and mosquito proof coupling of approved design complete, cutting and making good the floors wherever required including jet spray as directed by EIC.	9.00	No.	7797.20	70174.80
15	Providing and fixing white vitreous china Wall Hung water closet (European type) of standard size of approved shape (standard quality) including providing and fixing white vitreous china cistern with flush fitting including UF soft close slim seat cover, hinges, Hand shower (health faucet) with 1 meter long easy flex tube in chrome finish & wall hook, fixing accessories, accessories set and cistern fittings, with specials of standard make and mosquito proof coupling of approved design complete, cutting and making good the floors wherever required including jet spray as directed by EIC.	4.00	No.	12904.77	51619.08
16	Providing and fixing of first quality white vitreous china Table Top Basin, type Wash basin as per product detail including filling gap between counter and wash basin with approved sanitary grade material, cutting and making good the walls where required to the complete satisfaction of the Engineer in charge including Oval wash basin; Rag bolts for Wash basins, Bottle trap, Waste Coupling, Prismatic Pillar cock.	22.00	No.	5406.53	118943.66
17	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down bib tap. (ii) 20mm dia. as directed by Engineer in charge.	22.00	No.	214.81	4725.82

It. No.	Item of Work	Qty.	Unit	Rates in Figure	Total Amount
1	2	3	4	5	6
18	Providing and fixing water closet squatting pan (Indian type W.C. Pan) size 580mm (Earthwork, bed concrete, foot rest and trap to be measured and paid for separately) (A) Vitreous china. (I) Long pattern = White colour and providing and fixing 100mm size P or S trap for water closet squatting pan including jointing the trap with the pan and soil pipe in cement mortar 1:1 (1 cement : 1 fine sand) (A) Vitreous China including chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete. (ii) 25mm dia.	9.00	No.	1541.15	13870.35
19	Providing and fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2mm @ Wt. 0.643 Kg/mt with colour anodized aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete and fixing mosquito net on outer side for Ventilation.	22.10	Sq.m.	1175.56	25979.88
20	Providing and fixing door having side hung single shutter / double leaf having premium quality of factory made 35 mm. thick solid core flush door finished with 1 mm laminated sheet on other side with 6 lever Mortice lock, SS Aldrop, SS handle size 15 cm Long, Tower bolt size 20 cm etc. as per detail colour & pattern approved by this office including necessary anodized aluminium fixtures and fastenings.	27.30	Sq.m.	3439.05	93886.07
21	Providing and fixing approved SWR quality, heavy duty I.S.I. mark UPVC pipes - Type B Ring Fit and Self Fit, conforming to IS 13592 and fitting conforming to IS 14735 for waste water or soil waste pipe, with necessary specials, bends, such as "Y" junction, "T" junction (both single and double) including plugs, shoes, cowls, flange compression type fittings, wall clips, in proper line and level with necessary support like brackets/clamps, clips, RCC or brick pedestals or battens, if necessary, to wall, ceiling and floor, open or concealed complete jointing with rubberising and airtight joints with 'T' shaped rubber ring etc. and lubricant or jointing material, including testing, cutting, making good the wall, ceiling and floor etc. testing and installation of pipe lines as per drawing and specification. (a) 50 mm dia. pipe.	34.00	Rmt.	681.75	23179.50
22	Providing and fixing 25 mm thick PVC shutter inclusive of S.S hinges with necessary screws & aluminium S.S. fixtures & fastenings & fastener sleeve etc. complete.	28.35	Sq.m.	2757.30	78169.46
23	Providing and fixing white vitreous china flat back urinal of approx. size 355 x 320 x 610 mm having water inlet and outlet from back side including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	24.00	No.	3453.19	82876.56
24	Providing and laying cement concrete 1:3:6 (1- Cement : 3- Coarse sand : 6- graded stone aggregates 20 mm nominal size) and curing complete including cost of formwork in foundation and plinth including mixing of water proofing material in C.C. in mix proportion etc. complete as directed by engineer in charge.	17.99	Cum	3444.10	61959.36
25	Providing and fixing machine cut, free edges kota stone slab 40 mm thick for doors & windows lintel as per design including cutting, fitting & finishing etc. complete.	3.38	Sq.m.	1875.57	6339.43
26	Applying two coats of 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.	177.06	Sq.m.	40.59	7186.87

It. No.	Item of Work	Qty.	Unit	Rates in Figure	Total Amount
1	2	3	4	5	6
27	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	363.54	Sq.m.	78.90	28683.31
28	Providing Z section Patti with U clamp for all size and types of pipe for fitting in position on wall face with different heights including labour etc. complete.	51.00	Rmt.	90.90	4635.90
29	Providing marble pest treatment to ceiling/wall including removing & scraping old deteriorate plaster of any thickness and providing adhesive chemical solution to ceiling & wall and applying chemical (Italian marble) powder with chemical including all labour, material etc. complete as directed by Engineer in charge.	171.62	Sq.m.	489.85	84068.06
30	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift. (i) Not exceeding 3 Sq.mt in area.	36.00	Each	182.94	6585.84
			Total Rs.		2526534.89

i.e. Rs. Twenty Five lacs Twenty Six thousand Five hundred Thirty Four and Eighty Nine paisa only.

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

Estimated amount put to tender	Estimated amount put to tender
Deduct.....% below	Add.....% Above
Net Rs. _____	Total Rs. _____
In words _____	In words _____

Note :-

- 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.
- The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.
- GST and Income tax TDS will be deducted at a source while making payments of bills.
- 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.
- The Contractor will have to submit the all required mix design at his own cost before execution as directed and to be approved from the Engineer in charge.**
- Credit for dismantled materials of amount of Rs. 11135.00 must be recovered from 1st R.A. bill of Contractor's.**

Above all items of "Schedule-B" with Item Description, Unit, Rate & Amount have verified by me and found order.

Executive Engineer
R & B Division,
Godhra

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