

Civil Construction work of Canteen Facility at Gujarat Biotechnology University

SR NO	ITEM	Unit	Quantity	Rate	Amount
1	Providing and laying brick masonry in CM 1:6 (1 cement : 6 coarse sand) proportion for foundation and super structure with best quality approved bricks crushing strength not less than 35 Kg/ Cum. including cost & conveyance of all other materials at site, scaffolding, lead & lift raking of joints, curing & all other operational & labour charges etc. complete.	CUM	2.25	4241.70	9543.83
2	Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement : 4 -coarse sand) in foundation and plinth (B) Conventional	SQM	23.22	593.90	13792.07
3	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	65.63	137.34	9014.26
4	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 white cement slurry	SQM	161.63	1550.00	250533.68
5	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer in-Charge.	SQM	5.10	493.98	2519.31

6	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing. 30 mm thick plain PVC door shutters	SQM	1.89	2970.68	5614.59
7	Providing and fixing 18mm thick gang saw cut mirror polished pre-moulded and prepolished) for wall lining (veneer work), /bands 200mm wide backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand) including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade: (To be secured to the backing by means of cramps, which shall be paid for separately).	SQM	6.12	4980.12	30454.64
8	Providing & laying U PVC pipe for consile pipe line odf ASTROL/ SUPREME/PRINCE or Equlient brand				
8.1	15 mm	M	35.00	350.00	12250.00
8.2	25 mm	M	30.00	450.00	13500.00
8.3	40 mm	M	40.00	600.00	24000.00
9	Providing and fixing, approved PVC heavy duty N.T. of self cleansing design with water seal not less than 50 mm., with or without vent, including setting the trap in 1:2:4 CC, etc. complete. The trap shall be `P' type, with 75 mm. dia. outlet, as required.	Nos	3.00	550.00	1650.00

10.0	Providing and fixing in position, Stainless steel grating, 6" x 6" in size, of Chilly make or equivalent as recommended, generally conforming to the drawings and fixed on the inlet pipe.	Nos	3.00	450.00	1350.00
11	Providing and laying of 110mm dia. P.V.C. pipe for outlet of water to outlet drain including all accessories ,i.e lubricants, solventcement, clamp, ring, sockets etc	M	7.00	1110.00	7770.00
12	Providing and fixing, pillar cock for basins of Jaquar make or equivalent, as recommended, as approved by the Architect and Engineer-incharge etc. complete.	Nos	6.00	1530.00	9180.00
13	Providing and fixing, chromium plated Angular stop cocks with wall flange of Jaquar make or equivalent as recommended , as approved by the Architect and Engineer-in-charge etc. complete.	Nos	6.00	800.00	4800.00
14	Providing & Fixing counter top wash basin in wash basin area of jaquar or equal brand	Nos	6.00	4500.00	27000.00
15	providing & fixing of Aluminium partion wall with A.C.P sheet . Rate including of Aluminium partion with one no door and window	SQM	40.00	5500.00	220000.00
16	Providing and installation of exhaust fan in the existing opening, including making the hole to cut the size of the above fan, making good the damage, including connection, testing, commissioning etc as required.	Nos	1.00	2500.00	2500.00
17	Celling colour work Rate including of 2 coat Birla Putty and 2 coat of paint of good brand as per direction by Engineer	SQM	70.43	225.00	15846.04
				(A)	661318.40
	Contingency and Electrical Works @5% of (A)				33065.92
	Total Value (B)				694384.32
	ADD GST @ 18 %				
	NOTES				
1	Above given rates are with out GST . G.S T will be charged extra over this rate				
2	Only civil work is taken in this estimate. Electrical aluminium , colour work or any other work which is nor taken in this estimate will not be execute by us				
3	Bill will be prepared on actual work done on site . Rate for any extra item will be taken as per market rate Analysis				