

BOQ FOR TOILET REPAIRING AND RENOVATION WORK AT SNBC HOSTEL,COTTON UNIVERSITY

SL No	Item of Work	Unit	Qty	RATE	AMOUNT	AMOUNT IN LETTER
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	CUM	4.25			
2	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	cum	3.25			
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :15.12.1 Of area 3 sq. metres and below	Each	8			
4	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :15.13.1 Of area 3 sq. metres and below ,Door	Each	8			
5	Dismantling tile work in floors and wall laid in cement mortar including stacking material within 50 metres lead.15.23.1 For thickness of tiles 10 mm to 25 mm	sqm	80.72			
6	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	sqm	94.27			
7	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in.Charge	Each	8			

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8	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					
	With cement mortar 1:4 (1 cement: 4 coarse	sqm	94.27			
9	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:					
	Cement mortar 1:4 (1 cement : 4 coarse sand)	CUM	3.52			
10	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.					
	Thermo-Mechanically Treated bars of grade Fe-500D or more.	KG	154			
11	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:					
	1:1½:3 (1 cement : 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	CUM	5.67			

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12	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and					
	Glazed Vitrified tiles Matt/Antiskid finish of size					
	Size of Tile 600 x 600 mm	sqm	13.15			
13	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm,including pointing in white cement mixed with pigment of matching shade complete.					
	On walls and RCC slab	sqm	57.6			

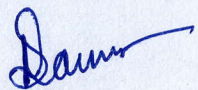
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14	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm ² , modulus of elasticity 850 N/mm ² and resistance to spread of flame of Class A category with property of being termite/ borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge.					
	30 mm thick	sqm	13.02			





15	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Ceostory windows & other Frames/Chowkhat comprising of virgin PVC polymer of K value 58- 60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm ² , modulus of elasticity 900 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge.					
	Frame size 65 x 125 mm	metre	18.7			
16	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :					
	Water thinnable cement primer	sqm	16.15			
17	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :					
	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	sqm	12.18			

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18	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :					
	125 mm	Each	16			
19	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge.					
	Orissa pattern W.C Pan of size 580x440 mm	Each	8			
20	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 30x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	2			

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21	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.					
	100 mm nominal dia Pipes	metre	18			
22	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	Each	8			
23	Coloured Vitreous china 10 litre (full flush) capacity controlled low level flushing cistern with all fittings	each	8			
24	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making					
	32 mm nominal dia Pipes	metre	12			
	25 mm nominal dia Pipes	metre	20			
	20 mm nominal dia Pipes	metre	18			
25	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.					

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	15 mm nominal bore	Each	8			
26	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.					
	15 mm nominal bore	Each	8			
27	Centering and shuttering including strutting, ropping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete					
	Foundations, footings, bases for columns	sqm	18			
28	12 mm cement plaster finished with a floating coat of neat cement of mix :					
	1:4 (1 cement: 4 fine sand)	sqm	56.7			
29	Cleaning of terrace/loft water storage tank (inside surface area) upto 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba all complete as per direction of Engineer-in-	liter	46000			
30	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking	Per liter	2000			
	Total					

Rupees

N.B: Rates are to be quoted inclusive of GST

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