

BILL OF QUANTITIES FOR CIVIL WORKS AT STATE BANK OF INDIA, REGIONAL BUSINESS OFFICE-II, AT LUDHIANA., (PB.)

Sr.no	Description Item of Work	Qty	Unit	Rate	Total Amount
1	VITRIFIED TILE FLOORING				
	Providing & fixing premium quality double charged (1st quality) vitrified tiles of size 1000x1000 mm of approved make in flooring laid in any pattern(with 3-4mm spacer) as specified over base of 20 mm thick cement coarse sand mortar 1:3,and jointed with white cement slurry mixed with pigment to match the shade to tiles or adhesive.The tiles shall be of premium quality double charged (first quality) of reputed manufacture i.e. JOHNSON/NITCO/KAJARIA/NIRO GRANITE . The work includes cleaning of NOTE : PCC to maintain the floor level is included in the rate if required not more than 75mm-100mm., no additional payment will be made for PCC beneath tiles. The work also includes dismantling of existing floor/wall tiles or stone & removal of malba and disposal of the same away from site.	510	Sq.mt		
3	Granite flooring				
	Providing and laying gang saw cut 18 mm thick, mirror polished pre moulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath, flooring cut granite stone of required size and shape of approved shade,colour and texture in counter top, flooring,staircase steps & riser and similar locations, laid over 20mm thick base of cement mortar 1:4 (1cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge . The work includes half round moulding in front visible area of counter slab or steps. The work also includes dismantling of existing floor/wall tiles or stone & removal of malba and disposal of the same away from site.	28	Sq.mt		
3	CIVIL WORKS				
i	Dismantling of Brick Work : Dismantling Brickwork manually/mechanical means including stacking of servicable material and disposal of unservicable material with in 50 m as per direction of Enginerr in charge.	40	Sq.mt		
ii	11.43 Cm thick Brick wall with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level laid in 1:4 cement sand mortar in super-structure.	20	Sq.mt		
iii	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	20	Sq.mt		
iv	Cement mortar 1:6(1 cement: 6 coarse sand) 12 mm cement plaster of mix :				
	1:6 (1 cement: 6 fine sand)	45	Sq.mt		
	15 mm cement plaster on the rough side of single or half brick wall of mix:				
v	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircase and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	0.50	Cum		
4	PUBLIC HEALTH WORKS				
i	Providing and fixing Polyethelene-Aluminium-Polyethelene PE-ALPE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes testing of joints complete as per direction of the Engineer-in-charge.				
	Concealed work, including cutting chases and making good the wall etc.				
	1216 (16 mm OD) pipe	5	Rmt		
	1620 (20 mm OD) pipe	15	Rmt		

	2025 (25 mm OD) pipe	10	Rmt		
	Make: Vectus/Kitec/Jindal				
ii	Providing & Fixing in position European type water-closet suite (as approved by the Architect/Engineer-In-Charge), syphonic type consisting of:				
	HINDWARE : OLIVIA S-220 One Piece Closet or JAQUAR/CERA Rimless Single Piece WC with UF Soft Close Slim Seat Cover, Hinges, Dual Flush Cistern Fitting, Fixing Accessories And Accessories .				
	Complete in all respects including connecting with existing CI pipe with CI/PVC pipes , removing existing fixtures including cutting & making good the walls & floors.				
	Including Providing & fixing of stainlen steel JET set to be provided along European seat, fixed complete in all respects to the satisfaction of Architect/Engineer -In-Charge. Make:(VIKING/JAL/JAQUAR)	1	NO'S		
iii	Providing and fixing in position approved make C.P.Brass liquid soap dispenser fixed into wall with C.P. brass screws complete in all respects including cutting and making good the wall etc. Make: Jaquar ACN-1135N Soap Dispenser with Glass Bottle (Hindware/Cera)	1	NO'S		
iv	Providing and fixing in position best indian make bevelled edge 5.5mm thick mirror mounted on asbestos sheet ground fixed in position by means of 4.no Chromium plated brass screws & washers over rubber washers & rawl plug embedded in the wall or Chromium plated brass clamps with c.p. brass screws (as required by the Architect/Engineer-In-Charge) complete including cutting & making good walls ect.Size(600x910mm)	2	Sq.mt		
v	Providing and fixing CP Brass towel ring complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and color. Make: Jaquar ACN-1121N Towel Ring Square with Round Flange or (Hindware/Cera)	1	NO'S		
vi	Providing & Fixing in position white viterous China flat back lipped front URINAL,Consisting of:-				
	Hindware Fb – Large Standard Urinal or Jaquar/Cera				
	with Jaquar Urinal Valve Auto Closing System with Built-in Control Cock with Wall Flange PRS-CHR-077 or (Hindware/Cera)				
	C.P.Brass Spreadres with brass unions & G.I.Clamps,complete including cutting & making	1	NO'S		
	Including C.P Bottle Trap " Jaquar make" Code : ALD 769 (Hindware/Cera)				
vii	Providing & fixing in position Lavatrry suites cousistry of :-				
	PEDESTAL WB "ELEGANCE" – SW HINDWARE				
	C.I.Brackfast for building into wall including painting.				
	32mm C.P.Brass waste of standard pattern.				
	15mm C.P. Brass screw down pillar tap with couplings (Pressmatic Jaquar Cat No: PRS-031)				
	Including C.P Bottle Trap " Jaquar make" Code : ALD 769				
	All brass wok chromium plasted and complete in all respects including cutting & making good the walls,floors & paintry of fittings ect.	1	NO'S		
	(jaquar/Cera)				
viii	Providing & fixing CP Jali, complete in all respects.	3	each		
ix	Providing & fixing G.I. reducer (Snw/ Unique) for floor drain, complete 75 x 50mm size.	1	each		
x	Providing & fixing C.P brass bib cock of approved make conforming to isi 8931 ORP-10037PM Bib Cock with Wall Flange(15mm nominal bore) Make : Jaquar/ Hindware/Cera	1	NO'S		
xi	Providing & fixing C.P brass ORP-10173BPM Single Lever Sink Mixer with Swinging Spout (Table Mounted) with 450mm Long Braided Hoses Make : Jaquar/ Hindware/cera	1	NO'S		
xii	Providing & fixing C.P. brass stop cock conforming to isi:8931(15 mm nominal bore.) ORP-10053PM Angular Stop Cock with Wall Flange Make : Jaquar/ Hindware/Cera	4	NO'S		
xiii	Providing & fixing Premium Stainless Steel Oval Single Bowl Kitchen Sink 610 x 457 x 228mm including C.P.Brass waste coupling and flexible waste pipe., complete in all respects to the satisfaction of the Engg. In Charge. Make : Neelkanth/ Nirali/Cera	1	NO'S		
5	Flush Doors				

	Providing fully panelled 32mm thk. flush doors along with 2-1/2" x 5" door frames to be finished with 1.0mm laminate of approved shade with 1/8" x 1/8" groove asper design, complete in all respects including standard hardware of godrej/hettich/kich/edbo make i.e. hinges.,towerbolts,stopper,handles etc. to the satisfaction of Engg./ Architect	6.00	Sq.mt		
	With teak veneer on both sides	2.00	Sq.mt		
	Make : Century:Sainik/Green :Ecotech/Archidply				
6	Plastic Emulsion Paint				
	Painting & finishing the walls, including surface preparation primer and putty ,finished with three or more				
	coats of plstic emulsion paint, so as to achieve smooth and even finish complete in desired shades and colours (as approved by Architect/Engineer-In-Charge).	210	Sq.mt		
	Make:- Asian paints/ICI Dulux/Nerolac.				
7	Painting Work – Texture Paint				
	Providing & applying a coat of RUSTIC textured finish in white color(ASIAN) on walls and columns.The rate shall include scrapping, leveling &preparing the surface with JK/ ASIAN/ BIRLA WHITE putty . Applying 1 coat of texture over a coat of primer & applying 2 or more coats of plastic emulsion paint of approved shade to give even &nuniform surface, including cleaning of floor, surface etc. complete..	120.00	Sq.mt		
8	Door to System room - Fire rated steel door including frame				
	Door to System room - Fire rated steel door including frame - 2 (Two) Hrs Metal test certificate will be provided issued from GQMC.	1.95	Sq.mt		
a)	Frame - Providing and fixing fire resistant door frame of section 100 x 50 mm having built in rebate out made up of 1.2 mm GPSP Sheet duly powder coated / 16 SWG G.I. sheet (zinc coating not less than 120 gm / sqm) duly filled with vermiculite based concrete mix, suitable for mounting 120 minutes fire rated door shutters. The frame is fitted with intumuscent fire seal strip of size 10 x 4 mm (minimum) around the frame and fixing with dash fastener of approved size and make, including apply a coat of approved brand fire resistant primer etc. complete as per direction of Engineer – in charge (including Dash fastners).				
b)	Shutter - Providing and fixing Metal Door Shutter 46 mm thk.made up of 0.8mm thick GPSP Sheet. Glazed fire resistant door shutters of 120 minutes fire rating conforming to IS : 3614 (Part – II), tested and certified as per laboratory approved by Engineer – in – charge,				
	with suitable mounting on door frame, the entire shutter filled insulation material / Honeycomb craft paper of 160gsm (zinc coating not less than 120 gm/m2) and fixing with necessary stainless steel ball bearing hinges of approved make,provision of Fire Rated Wired Glass size of glass 300 X 200 including applying a coat of approved fire resistant primer etc. all complete as per direction of Engineer – in charge (paneling to be paid for separately).				
c	Hardware for fixing - Fire rated steel door including frame Providing and fixing following hardware for fixing fire rated steel door including frame, complete. Hinges 4X3X3 (Min. 3Nos), Pull Handle 19 X 250mm - Pair, Dead Lock, Fire Rated Wired Glass size - 300 X 200, Fastners Hilti 10 X 92mm - (Min - 10Nos.)				
9	Panelling With Aluminium Composite Panels (With Aluminium Frames)				
	Supplying & fixing 4mm thick Aluminum component sheet of approved make and shade including making of ground of (1"X2") aluminum hollow section as per design ,with 6mm-19mm wide vertical or horizontal groove finished with Dow Cowing sealant (789) as per Architect's drawings & instructions aluminum componenet sheet should be of virgin grade and having aluminum profile thickness of 0.5mm on both sides of core. The rate is inclusive of all fixtures and fittings (with sealent) for proper finish. The works includes front face shutter boxing complete. the rate includes all required shuttering, scaffolding, labour, material, complete.	8.00	Sq.mt		
	Make:- VIVA/Aludecor/Alstone				
10	Gypsum Dry wall – 60 min fire rated (FOR UPS ROOM/RECORD FLOOR ETC)				

	102 mm thk. Gypsteel Ultra stud partition which includes one layer of tapered edge 15 mm thk. Gyproc fire line.(Conforming to IS 2095 – 1996 part I) is screw fixed with drywall screws of 25mm at 300mm centre to either side of 70mm Gypsteel Ultra stud (0.5mm thk. Having one flange of 34mm and another flange of 36mm made of GI steel) placed at 610mm centre to centre in 72mm gypsteel ultra floor and ceiling channel (0.5mm thk. having equal flanges of 32mm made of GI steel), which is anchored to the floor & true ceiling				
	using suitable anchor fasteners or metal screws with pvc plugs. The boards are to be fixed to the framework with joints staggered to avoid leakage through joints. A gypsteel fixing channel of 99mm width (0.9mm thk. Having two flanges of 9.5mm each) has to be provided at the horizontal joints of the two boards screw fixed to 9.5mm each) has to be provided at the horizontal joints of the two boards screw fixed to the studs using metal to metal that head screws. Finally square and tapered edges of the boards are to be jointed and finished so as to have a flush look which includes filling and finishing with gyproc jointing compound. Gyproc joint paper tape and two coats of plastic emulsion paint to Drywall. Top coat (as per recommended practices of saint – gobain Gyproc India). 50mm glasswool slab of density 32Kg/m3 shall be placed in cavity. Fireline of saint Gobain or equivalent of M/s BORAL INDIA LTD. Or EVEREST INDUSTRIES	9.50	Sq.mt		
11	Collapsible Grills				
	Providing and fixing of Collapsible gate with 40mm x 40mm x 6mm Tee as top and bottom guide rail, 20mm x 10mm x 2mm vertical channels 100mm apart in fully stretched position 20mm x 5mm M.S. flats as collapsible bracings properly rivetted and washered including 38mm steel rollers including locking arrangements, fitted and fixed in position with lugs set in cement concrete and including cutting necessary holes, chasing etc. in walls, floors etc. and making good damages complete.	10.00	Sq.mt		
12	SS Railing				
	Supplying, fitting and fixing Stainless Steel railing consist of 38mm dia and 900mm height vertical balustrade at every two alternative steps, 50mm dia top rail, 3(three) nos 19mm dia horizontal Strainless steel pipe and base/cover plate with Strainless Steel GRADE 304 containing 7.5% nickle (Interior Grade) Brushed/Mat finish, complete as per direction of the Engineer-in-charge. Weight of Strainless Steel railing per metre 6.5 Kg (approx)	5.00	Sq.mt		
	TOTAL				