

BILL OF QUANTITIES FOR CIVIL WORKS AT STATE BANK OF INDIA, DOOMERKHAN BRANCH at PANIPAT. (HR.)					
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.	88.5	Sq.mt		
2	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	8.5	Sq.mt		
3	VITRIFIED TILE FLOOR/ DADO				
	Providing and laying 1st quality Vitrified glazed/matt finish tiles 600mmx 600mm (as specified in Dado (thickness to be specified by the manufacturer approx 9mm) Water absorption of tiles shall be less than 0.5% and flexural strength (Modulus of Rupture) shall be more than 35 N/Sqmm. on 20 mm thick cement mortar 1:4(1 cement: 4 coarse) sand), including grouting the joints with white cement and matching pigments etc., complete. Approved makes(Nitco, Johnson, AGL, Kajaria) Basic rate of tile: Rs 60/- per Sq.ft	67	Sq.mt		
	(Note: Work Incl.Dismantling of existing tiles and disposal of material to contractors own dump.)				
4	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 Engineer in charge.	8	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.	18	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.	18	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)	40	Sq.mt		
	15 mm cement plaster on the rough side of single or half brick wall of mix:				
v	Excavtion for brick work/PCC work as per design including backfilling.	3	Cum		
vi	230mm thick brick masonry : Brick work with common burnt clay F.P.S (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in:	10	Cum		
vii	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). Including Reinforcement as per design.	1.50	Cum		

viii	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.	2	No.		
ix	Dismantling G.I. pipes (internal & external work) including excavation and refilling trenches / repair of wall after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge:				
	15 mm to 40 mm nominal bore	50	Rmt		
x	Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes & lead at site within 50 metre lead as per direction of Engineer-in-charge:				
	Up to 150 mm diameter	35	Rmt		
5	PUBLIC HEALTH WORKS				
i	Providing and fixing unplasticized PVC (uPVC) material pipe, and adherence to relevant national or international standards like AS/NZS 1477 or IS standards. The pipe must also be lead-free for potable water, have a smooth, clean surface, and withstand hydrostatic pressure tests for leaks and structural integrity, including all special fittings of 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. of all sizes as per requirements. (16mm/ 20mm / 25mm)	70	Rmt		
ii	Providing & Fixing in position European type water-closet suite (as approved by the Architect/Engineer-In-Charge), syhonic 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}	3	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)	3	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)	6	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)	3	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	2	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 plated and complete in all respects including cutting & making good the walls,floors & paintry of fittings ect.	3	NO'S		
	(Jaquar/Cera)				
viii	Providing & fixing CP Jali, complete in all respects.	9	each		
ix	Providing & fixing G.I. reducer (Snw/ Unique) for floor drain, complete 75 x 50mm size.	3	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	4	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	6	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		
xiv	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes including brass fittings/float valve etc on existing base support for tank. MAKE: SUPREME/DIPLAST/ASHIRWA/SINTEX	1000.00	Ltr		
7	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		
9	ROLLIING SHUTTER				
i	Supplying and fixing rolling shutters of approved make, made of required size 80 x 1.20 mm M.S. laths with 1.20 mm thick top cover, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 part 1 and M.S. top cover of required thickness for rolling shutters.Rate to include priming coat as well as two coats of enamel paint.	12	Sq.mt		
ii	Removal & Re-fixing of MS Shutter and Grill/Collapsible Gate including Brick dismantling and construction, work also includes oiling/repair of shutters/grill as required including providing and fixing new channels, ms plates, sections, handles, locks etc. as required and enamel paint of same complete in all respects.	1	JOB		
	TOTAL A				