

BILL OF QUANTITIES FOR CIVIL WORKS					
AT STATE BANK OF INDIA M.S. BRANCH, UNA.					
S.N	ITEM	QTY	UNIT	RATE	AMOUNT
1	VITRIFIED TILE FLOORING				
	Providing & fixing vitrified tiles of size 600x600 mm of approved make in flooring laid in any pattern 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. The tiles shall be of premium quality double charged (first quality) of reputed manufacture i.e. JOHNSON/NITCO/KAJARIA/NIRO GRANITE. The work also includes dismantling of existing floor/wall tiles or stone & removal of malba and disposal of the same away from site.	120	Sq.mt		
	Cost of Tile Rs. 60/ sq.ft inclusive of delivery, Octroi, loading- Unloading at site and all taxes thereon excluding GST.				
2	Granite flooring				
	Providing , Laying & fixing of granite stone (Grey shade) 15mm to 18mm thick in flooring/skirting treads & risers of steps, laid in any pattern as specified over base of 20mm thick cement slurry mixed with pigment to match the shade of granite stone. The work also includes dismantling of existing floor/wall tiles or stone & removal of malba and disposal of the same away from site	10	Sq.mt		
3	CIVIL WORKS				
i	Dismantling of flushing cistern of all types (C.I./pvc/vitriuous China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1	No.		
ii	Dismantling G.I. pipes (external work) including excavation and refilling trenches 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	15	Rmt		
iii	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	8	Rmt		
iv	Demolishing brick work manually/by mechanical means including disposal of material away from site.	18	Sq.mt		
v	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 : Cement mortar 1:4 (1 cement : 4 coarse sand)	15	Cumt		
vi	115mm thick brick masonry : Half brick masonry 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	70	Sq.mt		
	Cement mortar 1:4(1 cement :4 coarse sand)				
vii	Extra for providing and placing in position 2 Nos. 6mm dia. M.S. bars at every third course of brick masonry.	70	Sq.mt		
viii	Cement mortar 1:6(1 cement: 6 coarse sand)				
	12 mm cement plaster of mix :				
ix	1:6 (1 cement: 6 fine sand)	220	Sq.mt		
	15 mm cement plaster on the rough side of single or half brick wall of mix:				

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x	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).	0.08	Cum		
4	VITRIFIED TILE DADO & FLOORING in TOILETS				
	Providing and laying 1st quality Viterified 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	54	Sq.mt		
	(Note: Work Incl.Dismantling of existing tiles and disposal of material to contractors own dump.)				
5	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	10	Rmt		
	1620 (20 mm OD) pipe	25	Rmt		
	2025 (25 mm OD) pipe	10	Rmt		
6	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.				
	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)	2	NO'S		
7	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)	2	NO'S		
8	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)	2.5	Sq.mt		

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9	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 (Hindware/Cera)	2	NO'S		
10	Providing & Fixing in position white vitreous 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 C.P.Brass Spreadres with brass unions & G.I.Clamps,complete including cutting Including C.P Bottle Trap " Jaquar make" Code : ALD 769	1	NO'S		
11	Providing & fixing in position Lavatrry suites cousistry of :- PEDESTAL WB "ELEGANCE" – SW 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.	2	NO'S		
12	Providing & fixing WAC-WHT-BR0600 Grab Bar 692 mm Long, White FOR HANDICAP TOILET	1	NO'S		
13	Providing & fixing WAC-WHT-BG0800 Grab Bar Vertical Swing, White FOR HANDICAP TOILET	1	NO'S		
14	Providing & fixing CP Jali, complete in all respects.	6	each		
15	Providing & fixing G.I. reducer (Snw/ Unique) for floor drain, complete 75 x 50mm size.	2	each		
16	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	3	NO'S		
17	Providing & fixing C.P brass ORP-10173BPM Single Lever Sink Mixer with Swinging Spout (Table Mounted) with 450mm Long Braided Hoses Make : Jaquar/ Hindware	1	NO'S		
18	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	6	NO'S		
19	Providing and fixing to PVC Pipe class 3 6kg pressure 200mm dia for sewerage outlet, including all accessiores i.e. bend ,tee, unioin and all jointing material, complete in all respects with making necessary connections. The work also includes coencting the pipeline to existing sewer line. Make : Supreme/Astral/Ashirwad/Finolex	25	Rmt		
20	Plastic Emulsion Paint Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :. Make:- Asian paints/ICI Dulux/Nerolac.	54	Sq.mt		

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21	Textured exterior paint				
	Finishing walls with textured exterior paint of required shade :				
	New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	20	Sq.mt		
	Make:- Asian paints/ICI Dulux/Nerolac.				
22	Panelling With Aluminium Composite Panels (With Aluminium Frames)				
	Supplying & fixing 3mm 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 0.25mm 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.	Sq.mt	25.00		
23	ALUMINUM SHUTTERS FOR ELECTRICAL PANEL with LOUVERS				
	Providing and fixing aluminum shutters over Aluminum frame with frame of section size of 115mm x 45mm in 16 gauge with Aluminum louvers of 77.6mm x 27.6mm of weight 0.483/m including powder coating of selected shade and all desired hardware of approved make fixed at site complete in all respects to the satisfaction of Architect., Engg. in Charge	6.00	Sq.mt		
	TOTAL				