

BILL OF QUANTITIES FOR PROPOSED CIVIL WORKS FOR CANARA BANK AT RAJOURI GARDEN BRANCH

CIVIL WORKS FOR WASHROOMS & VITRIFIED FLOORING AT BANKING HALL AT GROUND & FIRST FLOOR

B	CIVIL WORKS				
9.1	VITRIFIED FLOOR TILES				
	Providing and fixing VITRIFIED Tiles of approved make, shade and pattern as shown in the drwng. / as aproved by Bank/ Architect. In CM 1:4 in proper line and level with out spacers for maintaining the grid lines. Rate shall be inclusive of providing and laying necessary PCC and Cement Mortar for a thickness of 3" and joint filling compound of the same shade of the tiles and including pop covering on the new flooring for the protection of tiles with base covering plastic.				
	NOTE: Recessed floor for 3M floor mat (of size 4' x 2' x 12mm) should be made at the entrance.				
	32" x32" Vitrified tiles.	Sq.Ft.	2145.00		
9.2	Ceramic Tiles				
	Providing & fixing 1st quality glazed ceramic glazed wall tiles 12"x18" size as approved by Architect/ Bank's Engineer, of approved shade & pattern (KAJARIA/ JOHNSON/ NITCO), fixed with Cement plaster 1:4 (1cement: 4 fine sand) & neat cement as per specifications, including dismantling existing tiles/ dado/ plaster & disposal of malba from site, laying 12mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand) copmplete, including all types of leads/ lift, scaffolding, pads, racking joints, filling of joints with white cement grout, curing, etc. complete.	Sq.Ft.	936.00		
9.3	Providing and laying Anti-skid ceramic floor tiles, of 12"x12" or 16"x16" size (KAJARIA/ JOHNSON/ NITCO), shade & pattern as directed by Bank's Engineer/ Architect, as per design pattern on floor with chemical or adhesive/ cement as directed and joints to be filled with grout of approved colour, including dismantling existing floor tiles and disposal of malba from site, filling depressions in floor, cutting wooden/ aluminum doors to match new floor level, preparing of surface, dismantling of tiles & disposal of malba from site.	Sq.Ft.	285.00		
I	Dismantling Work				
i)	Dismantling brickwall of existing safe room/ concrete flooring & disposal of malba from site, including dismantling door and window frames, i/c hold fasts, stacking at site, repairs of damaged walls with cement mortar/ plaster, stacking useful bricks/ bats, etc. complete in all respects. Rates include supporting RCC slab with scaffolding, ballies etc, if required, during making door opening or removing wall; dismantling sanitary/ plumbing fixtures & stacking the same.	Sqft.	0.00		
ii)	Dismantalling & removing of existing vitrified flooring, ceramic flooring & ceramic wall tile & False ceiling etc developing even surafce to layout new flooring as per Architect's instruction, cleaning and clearing the debris to muncipal dumping grounds.	Sq.Ft.	3366.00		
iii)	SANITARY FIXTURES - Dismantling of wall tiles, with rough plaster, existing plumbing fittings & fixture 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.	JOB	1.00		
iv)	Removing existing malba / debris not needed by client to be removed and dumped to authorized municipal dumping ground or as directed i/c all leads & lifts.	JOB	1.00		
v)	Dismantling and removing doors and ventilator wherever required in a manner which facilitates easy fixing of new doors and windows without undue expense. the rate shall include removal of debris from site.	NOS.	1.00		
vi)	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.	Job	1.00		
2	BRICK WORK				
	Providing & laying 9" brick wall with brick class designated 75 in cement mortar 1:4 (1 cement: 4 coarse sand), including all types of leads/ lift, scaffolding, pads, racking joints, curing, cutting concrete floor before starting work, complete in all respect. In case of half brick wall, MS reinforcement as per CPWD specifications to be provided, i.e. 2 nos. 6mm dia TOR steel bars will be provided at every third course, for which no extra payment will be made.	Sft	0.00		

	Providing & laying 4' 6" brick wall with brick class designated 75 in cement mortar 1:4 (1 cement: 4 coarse sand), including all types of leads/ lift, scaffolding, pads, racking joints, curing, cutting concrete floor before starting work, complete in all respect. In case of half brick wall, MS reinforcement as per CPWD specifications to be provided, i.e. 2 nos. 6mm dia TOR steel bars will be provided at every third course, for which no extra payment will be made.	Sft	110.00		
3	Providing and laying in position cement concrete 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size), including the cost of centering and shuttering, curing etc, complete - All work up to plinth level.	Sft	80.00		
4	Providing and laying in position Mechanically mixed & placed with vibrator, Reinforced Cement concrete 1:1.5:3 (1 cement: 1.5 coarse sand: 3 crushed stone aggregate 20mm & down) in foundation/beams/ columns/ roof/ shelves etc. at all heights, leads, lifts, including Centering & shuttering, scaffolding, proping etc, removal of form, cost of material, labour, curing etc complete. Rates for steel reinforcement will be paid separately.				
i)	In beams, kitchen shelves, platform for wash basin, lintel, roof slab & columns	Sft	0.00		
5	Providing and laying in position TMT steel reinforcement in RCC walls, foundation, roof, shelves, beams & columns, including straightening, cutting, bending, placing in position the steel bars, fixing with annealed wire, providing requisite concrete blocks for cover, providing necessary laps as per directions of the architect/ Bank engineer, etc. complete. Laps will not be measured & paid and no wastage will be paid.	kg.	0.00		
6	Providing & laying Cement plaster 1:4 (1cement: 4 fine sand) on brick walls, shelves, ceiling etc, including all types of leads/ lift, scaffolding, pads, racking joints, curing, etc. complete.				
i)	12 to 15mm thick Cement plaster 1:4	Sft	420.00		
7	PAINTING				
i)	Applying three or more coats of Acrylic Emulsion Paint (ASIAN/ NEROLAC) of approved shade including making of ground, rubbing, filling of putty base preparation with BIRLA/ JK Putty, applying a coat of cement primer, complete. In case where the surface has been earlier white/colour washed, the old white/colour wash shall be entirely removed and surface broomed/scrapped down before preparing the surface for applying paint as described above. Rates include cleaning of splashes, stains on floor, window panes etc and scaffolding, if required and for all heights.	Sft	0.00		
ii)	Applying 2 or more coats of enamel paint (NEROLAC/ ASIAN) on wooden/ steel doors & windows to give even & uniform surface.	Sft	0.00		
iii)	Applying three or more coats of Exterior emulsion paint (ASIAN/ NEROLAC) of approved shade including making of ground, rubbing and scrapping old surface with sand paper/ steel wire brush, filling of putty for base preparation, applying coat of cement primer, etc. complete in all respect.	Sft	0.00		
12	Providing & fixing UPVC soil, waste, vent pipework comprising UPVC pipe conforming to IS :4985-1983 and of required class as specified below and fittings (moulded as well as fabricated) like elbows, bends, reducers, threaded tail pieces, caps and and other specials. jointing with cement solvent, chasing, cutting and making good the walls, complete in all respects including testing of complete installation.				
i)	75 mm dia	Rft	25.00		
ii)	100mm dia	Rft	40.00		
13	Providing and fixing Chloronated Polyvinyl Chloride (CPVC) Pipes, having thermal stability for hot & Cold water supply, including all CPVC plain & brass threaded fitting i/n 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 and making good the same including testing of joints complete as per direction of Engineer in Charge. (CONCEALED WORK: including cutting chases and making good the same walls etc. complete				
	15.00 mm nominal outer dia.	Rft	30.00		
	20.00 mm nominal outer dia	Rft	0.00		
	32.00 mm nominal outer dia	Rft	0.00		

14	Providing & fixing 1st quality vitrous china white coloured floor mounted European Water Closet (JAQUAR- CNS-WHT- 553SN) with 13 litre vitrous china white coloured Cistern with fittings, syphone etc and mounted on MS brackets, CP overflow with mosquito proof coupling, with black seat cover & lid, CP brass hinges, CP bend, WC fixed with brass screws, including connecting with existing CI pipe with CI/ PVC pipe, cutting & making good floor/ walls, wherever rquired, including dismantling existing fixtures & stacking the material at site, complete in all respect.	nos.	5.00		
15	Providing & fixing 1st quality vitrous china white coloured flat back - Large Urinal 590x390mm (HINDWARE Cat 60002) with white glazed vitrous china automatic flushing Cistern, connecting CP brass pipes/ spreaders, CP waste and 40mm GI waste pipe from bottle trap to urinal trap in floor, removing & stacking existing fixtures, cutting & making good floor/ walls, wherever required, including dismantling existing fixtures & stacking the material at site, complete in all respect.	nos.	0.00		
16	WASH BASIN				
i)	Providing & fixing 1st quality vitrous china white coloured Over counter Wash basin 59x42x19.5 cm size (HINDWARE- TULIP Cat. no. 10071/ MAGNA Cat no. 10071), 32mm CP waste, CP bottle trap, CP brass chain & rubber plug, fixing wash basin on granite top of 3'x2' size or as instructed; granite top to be fixed on top of RCC shelf 3" thick, including reinforcement steel, shuttering, scaffoldings, props, curing etc, complete, cutting & making good RCC shelf/ floor/ walls, wherever rquired, complete in all respect.	nos.	4.00		
17	Providing & fixing 15mm dia CP short body Bibcock (JAQUAR OPAL- Cat no. 15037), with CP wall flange, complete.	nos.	5.00		
18	Providing & fixing 15mm dia CP Angle valve (JAQUAR - Cat no. OPAL- Cat no. 15053), with CP wall flange, complete.	nos.	11.00		
19	Providing & fixing 15mm dia CP Pillar cock (JAQUAR OPAL- Cat no. 15001), complete.	nos.	0.00		
20	i) Providing & fixing CP Health Faucet ABS (JAQUAR- ALD-769L250X190), with 120cm SS flexible tube (VIKING) & ABS wall hook, complete.	nos.	5.00		
	ii) Providing & fixing 15mm dia CP Water jet for WC with connecting CP pipe, complete in all respect.	nos.	5.00		
21	Providing & fixing 15mm dia CP Concealed stop cock (JAQUAR OPAL - Cat no. CON-083FTK), with CP wall flange, complete.	nos.	2.00		
22	Providing & fixing CP jali (heavy duty) with CP outer ring, complete.	nos.	6.00		
23	Providing & fixing CP Towel rod (JAQUAR)- 24" long, heavy duty, complete.	nos.	5.00		
24	Providing & fixing CP liquid soap container (JAQUAR), complete.	nos.	5.00		
25	Providing & fixing stainless steel Toilet paper holder (JAQUAR).	nos.	5.00		
26	Providing & fixing Bottle Trap 32mm with 250mm & 190mm long wall connection pipes & wall flange, complete(JAQUAR- OPAL Cat: ALD-769L250X190)	nos.	5.00		
27	Providing & fixing 600x450 mm or as directed, beveled edge mirror 5.5 mm superior glass (ATUL/ SAINT GOBBIN) complete with 6 mm thick hard board ground fixed to wooden cleats & CP brass screws, washers & clips etc. complete.	Sft	24.00		
29	PANTRY PLATFORM IN JET BLACK (WITH SINK & COCK)	RFT	6.00		
	Providing and laying platform of 2'-0" width (clear) and at 2'-8" height (top) above FFL of approved 20 mm thick granite with bull nosed edges. It shall be supported on RCC slab with vertical brick wall supports. A 2" granite facia should be provided below the bull nosed edge of granite platform. Rate shall be inclusive of making cutouts and polishing the edges for 18 " x 18 " S. S. Nirali sink without drain board (medium) or equivalent make). A flexible pipe from sink to the nahni trap shall be provided. Rate shall also include one jaguar continental C P SWAN NECK TAP with swinging casted spout (no. 347).				
30	Providing and laying in position 4" heavy duty PVC pipe, including bends and connecting the pipe with existing sewer/ man hole. Rates include excavating earth, dismantling cement concrete floor, laying pipe, re-filling earth, repairing concrete flooring & disposal of malba from site, complete.	Rft	10.00		
31	Providing and fixing Isolated flush door shutter (Partly Glazed and Partly Laminate) with frame as follows	Sft	63.00		

