

ESTIMATE FOR CIVIL WORKS AT CANARA BANK, VIVEK VIHAR, NEW DELHI					
SN	DESCRIPTION OF ITEM	QTY.	Unit	RATE (Rs.)	AMOUNT (Rs.)
<b>A</b>	<b>CIVIL WORK</b>				
<b>I</b>	<b>Dismantling Work</b>				
i)	Dismantling brick/ 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. <b>Rates include supporting RCC slab with scaffolding, ballies etc, if required, during making door opening or removing wall;</b> dismantling sanitary/ plumbing fixtures & stacking the same.	7.00	cum.		
ii)	Dismantling & removing of existing vitrified flooring, ceramic flooring & ceramic wall tile & kota stone etc developing even surface to layout new flooring as per Architect's instruction, cleaning and clearing the debris to municipal dumping grounds.	3800.00	Sq.Mt.		
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.	1.00	JOB		
iv)	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth from terrace level and removal of rubbish up to a municipal ground outside the periphery of the area cleared. (complete as per the direction of Engineer Incharge)	1.00	JOB		
<b>2</b>	<b>BRICK WORK</b>				
	Providing & laying 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.	4.00	cum.		
3	Providing and laying in position <b>cement concrete 1:3:6</b> (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.	19.00	cum.		
4	Providing and laying in position Mechanically mixed & placed with vibrator, <b>Reinforced Cement concrete 1:1.5:3</b> (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, propping 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, intel, roof slab & columns	0.75	cum.		
5	Providing and laying in position <b>TMT steel reinforcement</b> 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. <b>Laps will not be measured &amp; paid and no wastage will be paid.</b>	50.00	kg.		
6	Providing & laying <b>Cement plaster 1:4</b> (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	149.00	Sq.Mt.		
<b>7</b>	<b>PAINTING</b>				
i)	Applying three or more coats of <b>Acrylic Emulsion Paint</b> (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.	535.00	Sq.Mt.		
ii)	Applying 2 or more coats of <b>enamel paint</b> (NEROLAC/ ASIAN) on wooden/ steel doors & windows to give even & uniform surface.	180.00	Sq.Mt.		
iii)	Applying three or more coats of <b>Exterior emulsion paint</b> (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. <b>It including making good the broken edges/ surface with cement mortar, painting, finishing to match with existing finishing, scaffolding/ supporting at all level, all complete and as directed by Engineer</b>	725.00	Sq.Mt.		
iv)					
<b>8</b>	<b>VITRIFIED FLOOR TILES</b>				
	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 <b>PCC and Cement Mortar for a thickness of 3"</b> 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.				
i)	24"x48" /32" x32" Vitrified tiles.	248.00	Sq.Mt.		
<b>9</b>	<b>Ceramic Tiles</b>				
i)	Providing & fixing 1st quality glazed <b>ceramic glazed wall tiles</b> 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) complete, including all types of leads/ lift, scaffolding, pads, racking joints, filling of joints with white cement grout, curing, etc. complete.	54.00	Sq.Mt.		

10	Providing and laying <b>Anti- skid ceramic floor tiles</b> , 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.	12.00	Sq.Mt.		
11	Laying <b>Black/ Coffee Brown Granite</b> on steps (risers & tread)/ skirting/ shelves/ wash basin counters in cement mortar 1:3 (1 cement: 3 coarse sand), including grouting joints with neat cement mixed with pigment to match colour of granite, complete. Rates should include making edge moulding, making opening in granite for wash basin/ waste etc as per directions.	70.00	Sq.Mt.		
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	65.00	Rm		
	ii) 100mm dia	45.00	Rm		
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.	60.00	Rm		
	20.00 mm nominal outer dia	45.00	Rm		
	32.00 mm nominal outer dia	35.00	Rm		
14	Providing & fixing 1st quality vitrous china white coloured floor mounted <b>European Water Closet</b> (JAQUAR- CNS-WHT- 553SN) with 13 litre vitrous china white coloured Cistern with fittings, syhone 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 required, including dismantling existing fixtures & stacking the material at site, complete in all respect.	3.00	nos.		
15	Providing & fixing 1st quality vitrous china white coloured flat back - Large <b>Urinal</b> 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.	2.00	nos.		
16	<b>WASH BASIN</b>				
	Providing & fixing 1st quality vitrous china white coloured <b>Over counter Wash basin</b> 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.	4.00	nos.		
	ii) Providing & fixing 1st quality vitrous china white coloured <b>Wash basin</b> 56x41cm size (HINDWARE- OPAL Cat no. 10082), size 67x51 cm, with Pedestal (HINDWARE), I no. CP Pillar cock (JAQUAR- Presmatic), CP waste, PVC drain pipe, fixing wash basin with MS bracket, cutting & making good floor/ walls, wherever required, complete in all respect.	1.00	nos.		
17	Providing & fixing 15mm dia CP short body <b>Bibcock</b> (JAQUAR OPAL- Cat no. 15037 ), with CP wall flange, complete.	10.00	nos.		
18	Providing & fixing 15mm dia <b>CP Angle valve</b> (JAQUAR - Cat no. OPAL- Cat no. 15053), with CP wall flange, complete.	15.00	nos.		
19	Providing & fixing 15mm dia <b>CP Pillar cock</b> (JAQUAR OPAL- Cat no. 15001), complete.	10.00	nos.		
20	i) Providing & fixing <b>CP Health Faucet ABS</b> (JAQUAR- ALD-769L250X190), with 120cm SS flexible tube (VIKING) & ABS wall hook, complete.	8.00	nos.		
	ii) Providing & fixing 15mm dia <b>CP Water jet</b> for WC with connecting CP pipe, complete in all respect.	4.00	nos.		
21	Providing & fixing 15mm dia <b>CP Concealed stop cock</b> (JAQUAR OPAL - Cat no. CON-083FTK), with CP wall flange, complete.	3.00	nos.		
22	Providing & fixing <b>CP Iali</b> (heavy duty) with CP outer ring, complete.	15.00	nos.		
23	Providing & fixing <b>CP Towel rod</b> (JAQUAR) - 24" long, heavy duty, complete.	3.00	nos.		
24	Providing & fixing <b>CP liquid soap container</b> (JAQUAR ), complete.	3.00	nos.		
26	Providing & fixing <b>Bottle Trap</b> 32mm with 250mm & 190mm long wall connection pipes & wall flange, complete(JAQUAR- OPAL Cat: ALD-769L250X190)	6.00	nos.		
27	Providing & fixing 600x450 mm or as directed, beveled edge <b>mirror</b> 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.	1.00	Sq.Mt.		
28	<b>PANTRY PLATFORM IN JET BLACK (WITH SINK &amp; COCK)</b>	1.25	mtr		
	Providing and laying <b>platform of 2'-0" width</b> (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 fascia 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).				
29	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.	10.00	mtr.		
30	<b>Providing and fixing Isolated flush door shutter (Partly Glazed and Partly Laminate) with frame as follows</b>	16.00	Sq.Mt.		

	Providing and fixing 4"x2" steam beach member for frame and Flush door shutter made out of 31 mm thick flush door with 6 mm thick clear float glass vision panel secured with 12 mm thick steam beach beading, 31x 12 mm thick steam beach periphery patti around shutter edges, 1 mm thick laminate on both sides, 35x12mm thick steam beach stopper patti on frame including 3 Nos 5" long SS hinges with countersunk SS screws, Approved make Ded Lock, S.S Handles,150 mm long Door stoppers, doorstep of approved make etc. all exposed surface /edges not laminated be provided with lacquer polish complete as per drawing & instructions				
<b>31</b>	<b>WATER PROOFING IN TOILET</b>				
	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :	<b>15.00</b>	<b>Sq.Mt.</b>		
	(a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours.				
	(b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours.				
	(The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.)				
<b>32</b>	<b>ROLLING SHUTTER</b>	<b>10.00</b>	<b>Sq.Mt.</b>		
	Providing & fixing M. S. Rolling shutters (18/22 gauge sheets) for the facade openings (middle 1/3rd grill). Rate shall include all necessary locking arrangements. 2 coats of anti rust paint to be provided for the shutters.				
<b>33</b>	<b>M.S.COLLAPSIBLE GATE</b>	<b>6.50</b>	<b>Sq.Mt.</b>		
	Providing and Fixing MS Collapsible Gate Single shutter made out of vertical double channels 12mmx8mm x 3mm at maximum 125 mm apart when fully stretched as specified, braced with flat iron diagonals 12 mm x 5 mm as specified in the item. The top and bottom rails shall be of M.S. section 25mm x 25mm x 6mm with 25 mm dia rollers in every fourth double channels.				
	Where collapsible gate is to be fixed within the opening but is fixed along the outer surface of opening; the M.S. section at top shall be replaced by M.S. flat 40mm x 10mm. The necessary fittings such as bolts, nuts, locking arrangements, stoppers, handles, etc. shall be provided. The gates shall open and close smoothly and easily. T-iron rails shall be fixed to the lintel and floor with masonry nails embedded in cement concrete of lintel and floors at suitable spacing. The bottom runner shall be embedded with floor and proper groove formed and the floor shall be made good to match the rest of the flooring. At the sides, the end double channels shall be fixed with T-iron rails and also by holdfasts 200mm x 40mm x 4 mm bolted at one end to the end double channels and in the masonry in cement concrete 1:2:4 (nominal mix) blocks of size 115 mm x 75 mm x 230 mm, 3 nos. each side. The side masonry shall be made good to match the rest of the masonry finish. Two coats of anti rusting paint to be provided to the gate.				
<b>34</b>	Supplying and fixing of 4 / 5 mm thick plain / Bazri type glass in the existing windows by applying glass putty i/c removing of old damaged glasses carefully and throwing the malba outside etc as reqd.	<b>25.00</b>	<b>Sq.Mt.</b>		
<b>35</b>	Shifting of existing old record & furniture from one place to another and as directed by the authorities etc complete as reqd.	<b>1.00</b>	<b>Job</b>		
<b>36</b>	Misc labour for cleaning , making minor repairs, throwing of additional malba ( not included in scope of works ) cleaning of back portions. Misc dismantling including the cost of throwing malba etc complete as reqd.	<b>1.00</b>	<b>Job</b>		
<b>37</b>	Providing and fixing new water tank in toilets specification as per architect	<b>2000.00</b>	<b>Ltr</b>		
<b>38</b>	Repairing and closing the window shutters and grills by welding and by using minor new sections i/c making good the damages done ( for making smooth surface for carrying out the wood works ) etc complete as reqd.	<b>1.00</b>	<b>JOB</b>		
<b>40</b>	Providing and fixing 900 mm high stainless steel ( Grade 304) railing made of Hollow tubes, channels, plates etc.( 50 mm dia. tube for baluster & top hand rail, 3 nos. 20 mm dia. tube for intermediate rail), including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Architect/ Engineer-in-charge.	<b>31.00</b>	<b>RMT</b>		
<b>41</b>	Diluting and injecting chemical emulsion for PRE / POST - CONSTRUCTION anti - termite ( including the cost of chemical emulsion ) along the complete surface area of the wall, floor & ceiling using chemical emulsion @7.5 litres/sq.m. of the vertical surface of the substructure complete with chlopyriphos/ Lindane E.C.20% with 1% concentration. ( IN Basement , Ground Floor & First Floor)	<b>1.00</b>	<b>JOB</b>		

<b>42</b>	<b>ALUMINUM PARTITIONS/ WINDOWS</b>				
	Providing and fixing new <b>aluminium partition</b> , including door with frame made of extruded section having thickness 16 SWG of size 2 1/2" x 1 1/2". All the members of aluminium sections should be powder coated in desired shade as directed and are to be fabricated as per approved pattern for doors/partitions fixed in position with rawl plugs, wooden pegs, screws, aluminum angles/cleats, butt hinges etc. level) as per site conditions. The doors will be made of powder coated aluminium section 85 X 38 mm X 16 SWG, bottom section 115 X 44 mm X 16 SWG and to be provided with 8" long aluminum handle and 8" long aluminum tower bolt, door stopper, four lever lock and aluminum t- section/ angle at outer vertical side. Both sides pre- laminated board 12mm thick shall be fixed in panels with squared /tapered glazing. After fixing / embedding of partitions with wall, floor, roof, etc. the surface will be properly repaired / made good to match with existing specification.	<b>20.00</b>	<b>Sq.Mt.</b>		
<b>43</b>	P/F 19mm thick Pre-Polished Kota stone cladding till roof height, in basement floor, and till 3'-0"ht on external rear wall with cement sand mortar (1:4) mixed with water proofing compound jointed with Tennex mixed with hardner, matching the colour of kotha stone complete.	<b>18</b>	<b>Sq.mt.</b>		
<b>44</b>	Providing & fixing of MS IRON GATE of 1.5 mm thick with enamel paint on both sides with all support , hinges , door handle/lock , with cc in all fasteners with walls for support at mumty as per Bank's design & requirement	<b>2.5</b>	<b>Sq.mt.</b>		
<b>45</b>	Providing & fixing <b>tactile Tiles</b> (30 cm x 30 cm , Button tile and tac liner tile combined deisgn as per architect , Pre-cast Cement Concrete tiles 1.5 CM thick , jointed with cement slurry mixed with pgiment to match the colours on 20mm thick bed of cement mortar (1:4), Deisgn and colour as per Bank description	<b>5</b>	<b>Sq.mt.</b>		
<b>TOTAL FOR CIVIL WORKS (EXCLUDING GST)</b>					
<b>Discount If any (Only on Excluding GST amount only)</b>					
<b>A</b>	<b>Net Amount (After Discount if any - Excluding GST) (Discount if any shall be given on Amount in Sub part (A -Excluding GST) Not on sub part (C)).</b>				
<b>GST as extra as applicable (For Civil works) - By Bank</b>					
<b>Buyback Amount for Old/Unused Items (Credit to Bank) (EXCLUDING GST)</b>					
<b>B</b>	The work includes giving credit to Bank towards the existing old & unusable items including tiles , sanitary fittings ( valve , faucet , WC etc.) after carefully dismantalling and thereafter disposal of the same from the Branch site. No additional amount shall to paid for dismantalling, transportation, etc. works.				
<b>GST as extra as applicable (For Buy back) - By Vendor</b>					
<b>C</b>	<b>GRAND TOTAL (Civil Works Amount less Buyback Amount) [A - B] (EXCLUDING GST)</b>				
<b>GST as extra as applicable</b>					