

<b>ESTIMATE FOR RENOVATION WORK OF CANARA BANK MANAGER FLAT AT SECTOR 44, CHANDIGARH</b>					
<b>Sl.No</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
<b>1</b>	<b>CEMENT PLASTER (IN COARSE SAND)</b>				
	Providing and applying 15mm thick 1:3 (1 part cement: 3 part fine sand) on walls/ceiling including scaffolding upto any height. The rates also include removal malba to clear the site & removing of cement plastering if required.	30	Sqft.		
<b>2</b>	<b>VITRIFIED TILE FLOORING INCLUDING SKIRTING</b> :- Providing and laying flooring with Vitrified tiles of size 813 mm x 813 mm x 10 mm of approved make and sample in pattern as per detailed drawings on up to 25mm thick bed of cement mortar 1:6, including surface preparation, neat cement float, giving necessary slopes, cleaning joints and grouting them in neat white cement paste with pigmented additives to match shade of the tile etc complete. With Spacers of 4mm filled with Laticrete Epoxy Grout. Note:- The job includes dismantling of existing flooring (Tile/ Terrazo/ Vinyl/ Screeding)/ Wall Tiles including removing base in cement mortar of any depth etc. and disposal of unserviceable material to the closest dumping ground.				
	GVT	775	SQFT		
	Matt	250	SQFT		
<b>3</b>	Wall Tiles :- Providing and laying 1st quality ceramic rectified glazed tiles 300x600 (as specified in Dado (thickness to be specified by the manufacturer) with using chemical adhesive and including grouting the joints with white cement and matching pigments etc complete. The tiles shall be of premium quality double charged (first quality) of reputed manufacture i.e. JOHNSON / NITCO / KAJARIA . The work also includes Dismantling of existing floor or stone & removal of malba . (Basic cost of tile - Rs 45 per sqft)	435	sq.ft		
<b>4</b>	<b>ANTI SKID CERAMIC TILES (VITRIFIED TILE)</b> :- Providing and laying flooring with Vitrified tiles of size 300mm x 300mm x 10mm of approved make and sample in pattern as per detailed drawings on up to 25mm thick bed of cement mortar 1:6 including surface preparation, neat cement float, giving necessary slopes, cleaning joints and grouting them in neat white cement paste with pigmented additives to match shade of the tile etc complete. With Spacers of 4mm filled with Laticrete Epoxy Grout. Base Rate of Tile: Rs 650/- per sqm.	75	sq.ft		
<b>5</b>	<b>WATERPROOFING TOILETS</b> :- Providing and applying Acrylic Polymer Modified Flexible Cementitious Coating [approved systems : (1) SIKA Top Seal 107 (2) FOSROC Brush bond in 2 or 3 coats as per manufacturers' specification and as approved by the Engineer-in-charge to the slab (floor) and walls up to minimum 1 M height, complete. The treatment to include cleaning and wire-brushing the concrete surface, treating all the cracks (wider than hairline), construction joints and honeycombs by grouting with specialized non-shrink cementitious compound, grouting the annular space between the pipe and concrete / masonry, providing and applying a protective 15 mm thick, CM 1:4 plaster admixed with integral waterproofing compound, curing, at all levels and heights, etc., complete. WATER PROOFING AS PER SPECIFICATIONS. (Contractor has to furnish a guarantee for material and workmanship for a minimum period of 10 years.)	150.00	SQFT		
<b>6</b>	Providing and filling the sunken portion of slab, raft, toilets etc. with cinder concrete in 1:3:6 mix (1 cement, 3 fine sand and 6 cinder), complete.	140	SQFT		
<b>7</b>	<b>PAINT WALLS , CEILING , DOOR , WINDOWS , VENTILATOR , SHUTTERS, ETC.</b>				
a)	Painting & finishing the walls, including surface preparation primer and putty ,finished with three or more coats of plastic emulsion paint, so as to achieve smooth and even finish complete in desired shades and colours .The rates are inclusive of scaffolding Staging etc. for any height and for plans as well as For architectural surface. All complete as per approval and instructions of the Architect/ employer. Note: Entire area of wall shall be measured in single front plane.	3500	Sqft.		
b)	Providing and applying three or more coats of synthetic oil bound distemper of approved manufacturer and shade as per specifications on old work and on interior surfaces of walls, ceiling and finishing smoothly etc.complete as directed. The internal surfaces should be prepared by removing the existing old/blistered paint including neeru to receive new coat and applying p.o.p./putty for those patches and smooth finish as necessary. Applying one coat of primer on small patches before painting on old or new surfaces including finishing with putty etc. whenever required. Removing damaged portion of plaster and replastering in patches with cement mortar in 1:4 to match the surrounding area in patches or stretches and to match the adjoining surfaces, sealing the crack in plaster with suitable crack seal as necessary before applying pop etc. (area of cement plaster exceeding 0.10 sqm for repairs will be considered for payment separately) at all levels and floors and disposing of debris, cleaning the area thoroughly, curing. scaffolding etc. complete as directed.All complete as per approval and instructions of the Architect/ employer.Note: Entire area of wall shall be measured in single front plane.	1000	Sqft.		
d	P/A Enamel paint, of approved shade & make in 2 coats followed by 1 coat of primer on a levelled, prepared surf for ms items and door shutters and window shutters	600	Sqft.		

8	<b>STORAGE CUPBOARD FOR ROOM (FULL HEIGHT)</b> Providing, Making, placing or fixing of Full Height Storage 600mm minimum Depth as required Size made of 16mm BWP ply (10 years warranty) of approved make, applying required treatment for termite/fungal by chemicals layer as required, sizes given in the details drawing as per the site requirements with cupboard & drawers of lockable arrangement with all complete accessories like hinges, screws, knobs, locks, handles etc. wood molding with polishing. with 1mm thick laminate inside and outside approved make of Ply & Laminate as approved by engineer/ architect which best suite to the theme.(color of laminate to be approved by the bank)	150	SQ.FT		
9	<b>Flush doors with frame (one wire mesh door for each balcony and main entrance):</b> P/ F 60 mm thk exterior grade Doors with wire mesh door finished with 2 coats of melamine polish giving approved shade, including 1 <sup>st</sup> Class CP Teak Wood Frame of size 150mm x 50 mm polished / painted. The door shall be provided with approved make mortise lock, heavy duty door closer, 4 nos. of 5" brass oxidized hinges, SS Brush finish H handle of 9" complete fittings. Approx. Size:- 2'-6" to 3'-3"x7'-0".	84	sq.ft		
10	<b>Flush doors with frame :</b> P/ F 60 mm thk exterior grade two Flush Door approved make finished with 1 mm thk laminate of approved make & shade, including 1st Class CP Teak Wood Frame of size 100mm x 50 mm polished / painted. The door shall be provided with approved make mortise lock, heavy duty door closer, 4 nos. of 5" brass oxidized hinges, tower bolt, stopper, SS Brush finish H handle of 9" etc. complete fittings. Approx. Size:- 2'-6" to 3'-3"x7'-0". (80% of the flat doors excluding bathroom doors)	63	sq.ft		
11	<b>WPC Door Frame:</b> Providing 100 x 45mm Cellular Hollow WPC (Wood Plastic Composite) Door Frame with rebate of 37mm Laminated with 0.14 to 0.20mm Wooden Textured PVC Film. The frame shall have 9mm deep groove for Front Architrave Fixing. Outer layer of Cellular Frame shall be 5mm thick and other 2 layer shall be of 4mm thickness. Front Architrave shall be of 45 x 18mm Hollow WPC section, Laminated with 0.14 to 0.20mm Wooden Textured PVC Film. 30 x 12mm hollow Rear Architrave, having width of 30mm and thickness of 12mm Laminated with 0.14 to 0.20mm Wooden Textured PVC Film. The Frame and Architraves shall be supplied in 3 parts as per customized size assembled with miter joint. The Door Frame having Material Density of 990kg/m <sup>3</sup> (IS 2380 – part - 3), Shore Hardness (D) of 62 (ASTM D2240), Moisture Content less than 0.01% and Water Absorption of less than equal to 0.2% (IS 2380 – part – 16).	15	RMT		
12	<b>WPC Door:</b> Providing 32mm Shutters with both side Laminate, with matching shade of Wooden Textured PVC Film Lamination of the frame. Including 3.15mm exterior grade HDF Door Skin with Tubular Particle Board, all four edges of shutter shall made of 55mm dried Pinewood Frame. The matching PVC beading shall be machine glued with Frame. The Frame to be fixed using PU Foam and Anchor/Fasteners and requisite hardware. The door shall be provided with approved make mortise lock, heavy duty door closer, 4 nos. of 5" brass oxidized hinges, tower bolt, stopper, SS Brush finish H handle of 9" etc. complete fittings. Supply and installation of Door and Shutter of brand: PathFrame with 5 year warranty. Warranty : The set of Frame and Door installed shall carry replacement warranty of 5 years for any manufacturing defects such as Warpage, Delamination, Borer Or Termite Attack (Bathroom doors)	40	SQ.FT		
13	<b>Removal and repair of existing old doors :</b> Removal of wooden flush doors out of chowkhats, re-sizing and repairing the door,scrapping of old paint, Refixing including 125 mm heavy duty S.S. Hinges, tower bolt, stopper and proper paint job complete in all	4	no.		
14	Providing and Fixing of Mortise locks (with handles.(Make Godrej)	3	no.		
15	Providing and Fixing of Hydraulic Door closer.(Make Godrej/Universal)	0	no.		
16	Providing and Fixing of Tower bolt (12" size) (Make : Godrej)	26	no.		
17	Providing and Fixing of Tower bolt (6" size) (Make : Godrej)	12	no.		
18	<b>SLIDING WINDOWS -</b> Providing & Fixing of powder coated Aluminium window frame and shutters of Series- B ( 18mm ), of Jindal or any other make as approved by the Engineer in charge approved make. Junction between masonry wall and Al frame to be filled with poly sulphide sealants to ensure water proofing. Sizes of windows as per existing windows on building. Handle to be of recess type inserted in shutter. The rate to include removal and disposal of existing old wooden/ metal window & ventilator, surface preparation, etc				
(a)	Three track window with 2 shutters with glass infill 4mm thk + 1 ss mosquito mesh, Frame to have three rails	120	sq.ft		
(b)	<b>VENTILATORS -</b> Providing and fixing powder coated <b>Aluminium frame ventilator</b> in bath and WC with <u>adjustable glass louver</u> assembly including all fixtures and standard aluminium section. Size of the ventilator shall be same as existing opening size	10	sq.ft		
(c)	Providing and fixing in position decorative heavy duty powder coated curtain rods with decorative brackets, center supports, curtain rings, etc. complete as directed by the Bank's Engineer/ Architect.	55	Rft		
19	<b>MS Grill :</b> Providing and fixing security grills etc. using 8 mm dia bars, welded vertically & horizontally 100 mm centre to centre or of approved pattern and design, consisting of MS angles / flats and bars securely fixed with angle cleats and embedded to the wall, slabs as per site condition and as directed at site including painting the grill with two coats of synthetic enamel paint over a coat of primer all complete.	100	kgs		

20	<b>Dismantling of old kitchen and bathrooms:</b> Dismantling the existing brick masonry, wooden storage, wall tiles, floor tiles, cement plaster, sink, sanitary fittings, plumbing fixtures etc. at all levels as required carefully and disposing off and clearing away the debris in closed bags out of premises to dumping site. One kitchen will be treated as one job.	1	NOS		
21	Providing and fixing 18 mm thick, one side polished Z Black <b>granite slab</b> for kitchen platform with side fascia and 2" moulding above platform and shelves in the kitchen including making facing edge bull nose moulding/edge champhering with matching polishing to give high gloss finish etc. complete and sealing all joints with epoxy resin based adhesive as directed. In kitchen, the granite slab is to be fixed over counter slab with araldite epoxy adhesive embedded 20 mm into the wall. The finished portion of granite slab shall be taken for measurement in sq. m and no deduction shall be made for area of granite cut for sink. The rate quoted shall include cost of cutting hole for sink with opening edge rounding, cost of all materials, transportation, labour charges, curing etc. complete as directed. The granite before procuring should be got approved by Bank's engineer. (Basic cost of granite - Rs 120 per sqft)	32	sqft		
22	<b>Storage Cabinet for kitchen (low ht. Storage)</b>				
	Providing and fixing storage cabinets of size 2'6" (High) x 16" (Deep) along the walls/partitions, as per interior drawings, using 19mm BWP Ply with 10 years warranty of approved make, applying required treatment for termite/ fungal by chemical layer as required for carcass, shutters, vertical and horizontal partitions, 6mm BWP Ply with 10 years warranty of approved make, applying required treatment for termite/ fungal by chemical layer as required for the back and 1mm High Gloss Laminate of approved shade on vertical and horizontal visible surfaces. The shutters shall be overlapped on the carcass and shall be provided with HETTICH hinges. The width of the shutter shall be between 12" to 15" as per the site conditions. All the exposed edges of the board shall be provided with wooden lipping 19mm x 3mm, duly PU polished/deco painted in desired shade. The inner surface shall be provided with 0.8mm thick Laminate of desired shade, design and gloss. The cabinet shall be complete with handles, knobs, locks and magnet catchers etc. to the satisfaction of the Architect/Engineer.	38.00	Sqft.		
23	<b>OVER HEAD STORAGE CABINET FOR KITCHEN</b>				
	Providing and Fixing over head storage cabinet depth 400mm, height 600mm with shutters made in 19 mm thick commercial block board and 6mm thick comm. Ply for back side to be fixed on the wall, with 19mm BWP Ply with 10 years warranty of approved make, applying required treatment for termite/ fungal by chemical layer as required shelves inside placed horizontally and vertically with hydraulic hinges. All inside surfaces to be enamel painted and outer faces of shutters and sides (excluding outer top and bottom faces which are to be enamel painted) to be finished with 1 mm thick Laminate of approved color and shade. The item includes providing 150mm brass handles on front for shutters, magnetic catchers, including necessary hardware etc. all complete as per drawing and as per instruction of Engineer in charge.	24.00	Sqft.		
24	Providing and fixing of openable doors for covering of kitchen's existing lofts with 18 mm thick BWP Ply (with 10 years' warranty) of make as per instruction of Engineer incharge. Complete in all respects (with suitable frame required for proper fitting of loft doors). The loft covers will be laminated on both sides (plain sheet on inner side with 0.7 mm thickness and Gloss finished sheet on outer side- with 1.00 mm thickness) of as per approved make and required shade/color as per Banks/site requirement with smooth finishing, complete in all respects and as directed by the Bank. The loft portion will be having suitable openable doors for each portion having 100 mm SS heavy quality ISI mark self-locking butt hinges for each loft door, 01 No- 100 mm approved SS handles of suitable size and other minor hardware as per site requirement will have to be provided. Work should be complete in all respects with proper uses of carpentry tools along with fevicol/agro tape/nail/screw/washer etc., thus, ensuring the best work quality in all respects directed by the Bank. The rate quoted shall include cost of cutting hole for sink with opening edge rounding, cost of all materials, transportation, labour charges, curing	8.00	sq.ft		
	<b>Plumbing works</b>				
25	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes 1.5" / 3/4" / 1" dia nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.. <b>(NOTE :- The job includes removing and shifting existing plumbing pipes and fixing new pipes and proper installation including complete job .)</b>				
	1.5" dia nominal pipes	10	mtr		

	3/4" dia nominal pipes	20	mtr		
	1" dia nominal pipes	10	mtr		
26	Providing, fixing, testing and commissioning of UPVC pipe (upto 6" /4"/ 3" diameter as per site) SWR type 'B' conforms to IS : 13592-1992 with all fittings such as bends, tees, elbow, 'Y', offset, cleaning pipe door, clamps and steel structural supports etc. including cutting the floors, walls and making good the same in cement concrete 1:2:4 & cement mortar 1:4. The wall thickness of pipe and technical characteristic conforms to IS : 13592-1992 type 'B'. The fitting dimension conforming to IS : 14735-1999. The jointing to be completed with rubber ring joint/solvent weld joint. <b>(NOTE :- The job includes removing and shifting existing plumbing pipes and fixing new pipes and proper installation including complete job .)</b>				
	6" nominal dia	8	mtr		
	3" nominal dia	8	mtr		
27	<b>Kitchen Sink</b> (Neelkanth single Bowl or equivalent) complete with Bib cock wall mounted. The cost to be inclusive of all MS angles etc. required for the fixing.	1	nos.		
<b>Note : For sanitary fittings, list of approved makes, with comparable equivalents to be mentioned in the schedule/bid document</b>					
28	WC :- Providing & Fixing in position European type water-closet suite (as approved by the Architect/Engineer-In-Charge), syphonic type consisting of:- a) Viterous Chinaware Syphonic suite with 10 liters capacity matching Chinaware cistern and all internal brass fittings complete with 'P' or 'S' trap with or without vent, as approved. b) One piece seat & lid in hollow white plastic, fitted with chromium plated hinges and rubber buffers (to the approval of Architect/Engineer-In-Charge) Color : WHITE Make:- (HINDWARE- TWO PIECE CONSTELLATION Cat No: 20024 WITH CISTERN Cat No: 21038). c) Complete in all respects including connecting with existing CI pipe with CI/PVC pipes , removing existing fixtures including cutting & making good the walls & floors. d) Providing & fixing of stainless 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	Nos.		
28a	Providing & Fixing of <b>short body bib cock</b> from Jaquar for each toilet. (florentine make)	2.00	Nos.		
28b	Providing & Fixing of long body bib cock from Jaquar for each toilet. (florentine make)	2.00	Nos.		
29	Providing & Fixing of Angle Valves from Jaquar for each toilet. (florentine make)	8.00	Nos.		
30	<b>WASH BASIN WITH VANITY COUNTER WITH GRANITE TOP</b> : Providing and fixing utility Counter with Granite stone top and 200 high back splash of base cabinet made of laminated shutter on 20mm BWP (10 years warranty) with maple wood frame. All internal surfaces to have balancing laminate. The rate inclusive of necessary hardware, handle lock sets, self closing hinges, spring loaded shutter, latch inside, all cabinet hardware complete as per Architects approval. (BR of stone to be taken as Rs 2000/Sqmt). Width of work top counter 600mm/ detailed drawings. Providing and installing Washbasin The cost to include fixing of the counter using MS angles with proper anchoring in the wall to take washbasin/ sink. Complete with bottle trap & tall boy pillar cock from Jaquar. The cost to be inclusive of all MS angles , G.I. reducer ( Snw/ Unique) for floor drain, complete 75 x 50mm size, Including C.P Bottle Trap " Jaquar make" Code : ALD 769 , 15mm C.P. Brass screw down pillar tap with couplings ( Pressmatic Jaquar Cat No: PRS-031) , 32mm C.P. Brass waste of standard pattern. , C.I. Brackfast for building into wall including painting etc. required for the fixing.	2	nos.		
31a	<b>Jaquar florentine make Wall Mixer With 3-Function,</b>	2	nos.		
b	<b>Jaquar florentine make 4-INCH Overhead Shower Set</b>	2	nos.		
32	<b>Plumbing accessories (P &amp; S traps, Cockroach Jalis , G.I. reducer ( Snw/ Unique) for floor drain, complete 75 x 50mm size. etc) for pantry.</b>				
	i) Providing & fixing C.P. brass stop cock of approved make conforming to isi:8931(15 mm nominal bore.) Make:( Croma Series / Series /Jaquar-continental series)	2	nos		
	ii)Providing and fixing PVC 75mm size Nahani Trap of approved make (Supreme) conforming to ISI Specifications and construction of Cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot)	2	nos		
33	<b>Mirror SIZE:-</b> Providing and fixing in position best indian make bevelled edge 5.5mm thick mirror mounted on <b>asbestos sheet ground</b> 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 etc. Size(600x910mm)				
	<b>2'-6" x3'-0"</b>	2.00	Nos.		
i	<b>BUY BACK</b> ( All the old windows, door ,grills, door frame are to be included in Buy back except for the material in good condition and that can be reused. Also , if the existing material in good condition is to be included in buy back , prior approval from engineer is recommended etc.	1.00	Nos.		
<b>Total amount for one flat</b>					
<b>TOTAL AMOUNT OF 20 MANAGER FLATS</b>					
<b>GST WILL BE PAID EXTRA</b>					