

ESTIMATE FOR THE CIVIL WORKS OF STATE BANK OF INDIA MAIN BRANCH AT RACPC BARNALA

S.No.	Item	Quantity	Units	Rate	Amount
	CIVIL WORKS				
1	DISMANTLING				
	Note:-				
	The rate for all demolishing and dismantling to include carting and disposing of the debris outside the site at Municipal Dumping grounds.				
	Necessary propping, shoring and underpinning shall be provided for the safety of the adjoining work or property, which is to be left in tact, before dismantling and demolishing is taken up and the work shall be carried out in such a way that no damage is caused to the adjoining work or property.				
1.1	DISMANTLING WORK:- Dismantling of brick wall of all thickness in cement mortar, including glazed tiles, cement plaster, door lintels , ducts and disposal of unserviceable material as directed. Dismantling of existing door/ window frames and shutters, fixed glazing and stacking of serviceable material and disposal of unserviceable material to nearest municipal dumping ground. Dismantling of existing false ceiling including removing base support frame in Gl/ Wood etc. and disposal of unserviceable material to the closest dumping ground . Dismantling of existing partitions with doors in wood/ gypsum including removing base support frame in Gl/ Wood etc. complete with glass and disposal of unserviceable material to the closest dumping ground. Dismantling and Removal of existing electrical installations, wiring, switches, sockets, conduits, light fixtures, stabilizers etc. complete in all respects and making site ready for new interior installations. The item includes disposal of unserviceable material to the closest dumping ground. Dismantling and Removal of existing AC units (indoor & outdoor) including the removal of the copper piping, drain pipe , interconnecting cables etc. complete in all respects and making site ready for new interior installations. The item includes disposal of unserviceable material to the closest dumping ground. Dismantling of filled up area/ raised floors/ concrete filling, PCC, Foam concrete etc. from the existing floor, toilets, paltry etc. complete in all respects and preparation of the surface to take new	1.00	job		
1.2	MAKING CUT OUT IN MASONRY WALL (for Ventilator 2'-0" X 2'-0') :- Making openings in walls for ventilator windows, AC ducting etc. without damaging the surroundings and making good the affected areas with smooth plaster in mix proportion 1:4 finished in paint , inclusive of lintel support in Cuddapah stone of thickness 25mm to be provided where ever required. Cost to be inclusive of filling the excess opening with brick bats and finishing the same in smooth plaster in cement mortar 1:4, proper curing, giving supports to walls etc. complete	1.00	Nos.		
2	MASONRY AND PLASTER				
2.1	Casting RCC 230mm x 230 mm RCC lintel beam comprising of 12mm dia steel bars (4 NOS.) with 8mm dia stripps in 1:2:4 cement concrete. The work includes shuter/ framework/ curing and floor screed complete in all respects to the satisfaction of the Architect and Bank Engineer.	0.00	CUM		
2.1	CEMENT CONCRETE SCREEDING :- Providing and laying IPS (Indian Patent Stone) for flooring to a maximum 75mm TO 85MM thick using cement concrete 1:2:4 (1cement : 2 Coarse sand : 4 graded stone aggregate 20mm and down gauge) for flooring bands and other similar locations, tamped, spaded, trowelled and top finished neat, smooth with floating coat of cement as directed laid in alternate panels of area not more than 2 sqm and laid to water levels or proper slopes as directed with necessary shuttering, hacking the existing surface, curing etc, complete at all heights and levels as per site condition.(Toilets and Pantry)	9.53	SQM		
2.2	115mm to 230mm BRICK WALL TO EXISTING SLAB :- Providing and laying half brick partition wall with well burnt good quality of first class designation 75 in cement mortar 1:4 (1 cement : 4 coarse sand) including providing 2 Nos of 6mm dia MS round bars at every IV thick course, including scaffolding, curing rubbing the surface, racking out joints etc., complete as directed and specified for walls, at all floor and levels.	27.38	CUM		
	Make :- ACC / ULTRATECH / BINANI				
2.3	CEMENT PLASTER :- Providing and laying 12 mm thick cement plaster (Single coat) of mix 1:4:2 (1cement : 4 fine sand : 2 coarse sand) to all type of RCC/ Brick work in line, level and plumb including smooth cement finish as directed including providing necessary bands, drip molds groove and wire mesh at all junction of walls and ceiling including racking the joints or roughening the RCC surfaces, necessary	179.83	SQM		
	Make :- ACC / ULTRATECH / BINANI				
2.4	Wooden windows with 12mm ms square grill 4" c/c fixed outside :- Providing & fixing Wooden windows Size (5'-0" X 6'-0") with wooden chowkhat 6"X 2.5" thick. Windows shall be finished with 35 x 5mm steam beach wood beading on edges of window. The glass shall be 8mm thick clear float glass with edge polishing & round smoothened exposed edges All accessories like the stopper, heavy duty brass hinges, latch, handle, lock etc shall be part of the job. All teak wood members to have melamine spray polish finish. Rate to include cost of conveyance of all materials, labour charges etc. complete as directed. As per approved hardware list.	0	Nos.		
a	Ventilator of size (2'-0" X 2'-0")	4	Nos.		
b	Providing and fixing M.S. Grills made with 16 mm sq. bars @ 4"c/c bothways(Horizontally and vertically) fixed in existing walls . complete in all respects.	1.50	SQM		
3	PAVING AND WET WORKS				
3.1	TILE DADO :- Providing and laying mirror polished 300x600mm vitrified tile dado at Pantry laid over adequate thickness of cement mortar 1:4 (1cement : 4 coarse sand) using chemical grouting aquamix/ laticrete grout. Tile adhesive untile make. The rate shall be inclusive of necessary preparation, cleaning etc. complete.	27.32	SQM		
	Makes :- Somany / Johnson / RAK				

3.2	VITRIFIED TILE FLOORING :- Providing and laying flooring with Vitrified tiles of size 600mm x 600mm 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. Note:- The job includes dismantling of existing flooring (Tile/ Terrazo/ Vinyl/ Screeding)/ Wall Tiles including removing base in cement mortar of	93.29	SQM		
	Makes :- Somany / Johnson / RAK				
3.3	ANTI SKID TILES (VITRIFIED TILE) :- 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	54.47	SQM		
	Makes :- Somany / Johnson / RAK				
3.4	KITCHEN/ PANTRY SLAB :- Providing and fixing M20 RCC pantry slab with 12 mm dia bars @ 6"c/c bothways(Horizontally and vertically) of Width 2'-0" and thickness of 100mm with Granite stone top including moulding. The cost to include fixing of the counter using MS angles with proper anchoring in the	2.60	SQM		
3.5	Semi glazed wooden doors with frame :- WIDTH (2'-6" TO 3'-6") Providing & fixing of 32mm thick semi glazed flush type doors. Doors shall be finished with 1mm thick laminate of approved colour & make with 35 x 5mm steam beach wood beading on edges of door. The glass shall be 8mm thick clear float glass with edge polishing & round smoothened exposed edges All accessories like the door stopper, heavy duty brass hinges, latch, handle, lock etc shall be part of the job. All teak wood members to have melamine spray polish finish. Rate to include cost of conveyance of all materials, labour charges etc. complete as directed. As per approved hardware list. Make : Duro/Green Panel/Merino	6.00	Nos		
4	PLUMBING WORKS				
4.1	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 and good the same including testing of joints complete.(Concealed work including cutting chases and good the walls etc.. (NOTE :- The job includes removing and shifting existing plumbing pipes and fixing new pipes and proper installation including complete job .) MAKES- Prince, Supreme, Astral	70.00	Rmtr		
4.2	Providing, fixing, testing and commissioning of UPVC pipe (upto 6" /4" / 3" /2" 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 & making floor trap, 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. (NOTE :- The job includes removing and shifting existing plumbing pipes and fixing new pipes and proper installation including complete job .) Makes- Prince, Supreme, Astral	50.00	R.Mt.		
4.3	WC :- Providing & Fixing in position Extended Floor Mounted type water-closet suite (as approved by the Architect/Engineer-In-Charge), Extended Floor Mounted type consisting of : I) Viterous Chinaware CLEO COUPLED CLOSET Extended Floor Mounted with 2/4 liters capacity matching Chinaware cistern and complete fittings with 'S' trap, as approved. (Griha Certified) II) Two piece floor mounted with concealed trap in circular design (to the approval of Architect/Engineer-In-Charge) Color :WHITE.Make:- (HINDWARE- CLEO COUPLED CLOSET Cat. No. 20050 (S - 19/22) Cistern :- 21033/34).(GRIHA CERTIFIED) III) Complete in all aspects including connecting with existing CI pipe with CI/PVC pipes , removing existing fixtures including cutting & making good the walls & floors. Make:(Hindware/ Kohler/Jaquar	2.00	Nos		
4.4	Set of Flora Health Faucet , Angular Stop Cock with wall Flange etc from Hindware/ Kohler/Jaquar for each toilet.	2.00	sets		
4.5	WASHBASIN: Providing and installing wall hung Washbasin (Hindware PURE Cat No. :- 10127 or equivalent. Complete with bottle trap 32mm with 125mm & 175mm with Wall Connection Pipe & Wall Flange 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 " (Hindware - Cat No. :- F850015) , , 32mm C.P. Brass waste of standard pattern. , C.I. Brackfast for building into wall including painting etc. required for the fixing. Make: Hindware/ Kohler/Jaquar	2.00	Nos		
4.6	15mm C.P. Flora Brass Pillar Cock from Hindware/ Kohler/Jaquar for each toilet.	2.00	Nos		
4.7	Providing & Fixing in position white viterous China flat back lipped front URINAL,Consisting of:- a) Flat back large urinal basin of viterous chinaware. COLOR- WHITE. HINDWARE: 60002 (59CM X 39CM X 37.5CM) b) C.P. Brass Spreaders with brass unions & G.I. Clamps,complete including cutting & making good the walls & floors and painting of fitting etc.(as required by Architect/Engineer-In-Charge). Make: Hindware/ Kohler/Jaquar.	1.00	Nos		
4.8	Providing & Installation of Pressmatic EON Urinal Flush Valve System similar to (Hindware Cat No. :- E310016) for urinal complete with all accessories	1.00	Nos		
4.9	Plumbing accessories for kitchen and toilets :- I) Providing & fixing C.P brass bib cock with wall flange of approved make conforming to isi 8931 (15mm nominal bore) Make:(Element / Flora / Aspiro Series of Hindware) II) Providing & fixing Angle valve of approved make conforming to isi 8931 (15mm nominal bore)Make:(Element / Flora / Aspiro Series of Hindware) III) Providing & fixing stainless steel floor trap jali of approved make conforming to isi:8931Make:(Element / Flora / Aspiro Series of Hindware) IV) Providing and fixing all the fittings such as bends, tees, elbow, 'Y', offset, cleaning pipe door, clamps and steel structural supports etc. required for the normal functioning of the kichten and toilet. Make: Hindware/ Kohler/Jaquar	3.00	Nos.		

4.10	Kitchen Sink for Pantry (size 24 X 18X 8) (Hindware Single Bowl (Classic SB - 513525) or equivalent) . The cost to be inclusive of all MS angles etc. required for the fixing. Make :Hindware / Neelkanth.	1.00	Nos		
4.11	GRANITE :-Providing and fixing 18 mm thick mirror polished, machine cut, Granite Stone slab for door thresholds, sills or Similar location of required size of approved shade, colour and pattern laid over 20mm thick base in cement mortar 1:3 (1 cement : 3 coarse sand) with joints treated with matching pigment, epoxy touch-ups including rubbing, polishing where as required, curing etc. The Nosing of the treads to be finished using Flat Edge/ Eased Edge Nosing. Complete in all respect at all floors as per direction of Engineer-In-Charge.	3.00	SQM		
4.12	Water Cooler Connection including all accessories and fitting material as required. Complete job as per architect satisfaction.	1.00	Nos.		
4.13	Mirror SIZE (3'-0"X3'-0") :- 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	2.00	Nos.		
4.14	Providing , Fixing & Supplying Water Tank 1000 ltrs. Triple layerd including all necessary accessories .(Make Sintex)	0.00	Nos.		
4.15	Collapsible Grill Gate :- 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. M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor.Grill weighing above 16 KG./sq. mtr and above.	6.00	SQM		
5	PAINT				
5.2	Plastic Emulsion paint				
	Providing and applying Plastic Emulsion paint three coats to give an even shade after preparation of surface for painting by scrapping etc. & filling including one primer coat, complete in all respects (Colour to approval) applicable to old or new.	450.00	SQM		
	Make: Nerolac, Asian, Berger.				
5.3	Enamel paint				
	Providing and applying enamel paint three coats to give an even shade after preparation of surface for painting by scrapping on shutter, doors, windows and grill etc. & filling including one primer coat, complete in all respects (Colour to approval) applicable to old or new.	60.00	SQM		
	Make: Nerolac, Asian, Berger.				
5.4	External Apex paint				
	Providing and applying external Apex paint three coats to give an even shade after preparation of surface for painting by scrapping etc. & filling including one primer coat, complete in all respects (Colour to approval) applicable to old or new.	150.00	SQM		
	Total Value of Works				
	NOTE: GST SHALL BE PAID EXTRA				