

ESTIMATE FOR THE CIVIL WORKS OF STATE BANK OF INDIA BRANCH AT KEYLONG (HP)

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 flooring The cost to include the disposal of	job	1.00		
1.2	MAKING CUT OUT IN MASONRY WALL :- Making openings in walls for 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.	SQM	10		
2	MASONRY AND PLASTER				
2.1	Casting RCC 230mm x 230mm RCC lintel beam comprising of 12mm dia steel bars (4 NOS.) with 8mm dia striupps in 1:2:4 cement concrete. The work includes shutering/framework/curing and floor screed complete in all respects to the satisfaction of the Architect and Bank Engineer.	CUM	2		
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)	SQM	60		
2.2	HALF 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.	SQM	5		

2.3	230MM THICK BRICK WALL TO EXISTING SLAB :- Providing and laying 230mm thick brick wall with well burnt good quality, class designation 75 in cement mortar 1:4 (1 cement : 4 coarse sand) including scaffolding, curing, rubbing the surface, racking out the joints etc., completed as directed and specified for walls, at all floor and levels.	SQM	20		
2.4	CEMENT PLASTER :- Providing and laying 12 to 15mm thick cement plaster 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 curing scaffolding etc., complete as directed and specified.	SQM	50		
2.5	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.	SQM	2		
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 unitle make. The rate shall be inclusive of necessary preparation, cleaning etc., complete.	SQM	60		
3.2	VITRIFIED TILE FLOORING INCLUDING SKIRTING :- 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 any depth etc. and disposal of unserviceable material to the closest dumping ground.	SQM	45		
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	SQM	15		
3.4	TOILET WATERPROOFING :- Supplying & applying waterproofing treatment with 'Polymer Modified Cementitious Coating (Brush Bond of Fosroc/BASF/SIKA make or equivalent) including base preparation, coating with compatible primer applicable on floor & wall,where and as specified by the Architect and testing the same for performance as required. The treatment to be continued 300mm into the wall.	SQM	18		
3.4	KITCHEN/ PANTRY/ HAND WASH COUNTER :- Providing and fixing pantry with Granite stone top and 200 high back splash of base cabinet made of laminated shutter on 20mm BWP board 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. The cost to include fixing of the counter using MS angles with proper anchoring in the wall to take washbasin/ sink	RMT	4		
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 & making 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 .))	Rmtr	60		
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 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. (NOTE :- The job includes removing and shifting existing plumbing pipes and fixing new pipes and proper installation including complete job .)	R.Mt.	55		
4.3	WC :- Providing & Fixing in position European type water-closet suite (as approved by the Architect/Engineer-In-Charge), syphonic type consisting of: I) Viterous Chinaware Syphonic suite with 10 liters capacity matching Chineware cistern and all internal brass fittings complete with 'P' or 'S' trap with or without vent,as approved. II)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- OLIVA Cat No: 92042 WITH CISTERN). III) Complete in all respects including connecting with existing CI pipe with CI/PVC pipes , removing existing fixtures including cutting & making good the walls& floors IV)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)	Nos	3.00		
4.4	WASHBASIN: Providing and installing Washbasin CERA 1038 or equivalent. 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.	Nos	3.00		
4.5	Set of Health Faucet , Angle Valves etc from Jaquar for each toilet.	sets	3.00		
4.6	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) OR CERA: 5001 440mmx315mmx265mm with Jaquar Urinal Valve Auto Closing System with Built-in Control Cock with Wall Flange SKU: PRS-CHR-077 b) 10 Liters capacity mosquito proof white P.V.C automatic flushing cistern,complete with screwed 15mm pipe. c) 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).	Nos	1.00		
4.7	Providing & Installation of Pressmatic Urinal Valve Auto Closing System similar to Jaquar PRS-077 for urinal complete with all accessories.	Nos	1.00		
4.8	Plumbing accessories for kitchen and toilets I) Providing & fixing C.P brass bib cock of approved make conforming to isi 8931 (15mm nominal bore)Make:(Ess Ess - Croma Series / Essel - Econ Series/Jaquar- continental series) II) Providing & fixing C.P brass long body bib cock of approved make conforming to isi 8931 (15mm nominal bore)Make:(Ess Ess - Croma Series / Essel - Econ Series/Jaquar- continental series) III) Providing & fixing C.P. brass stop cock of approved make conforming to isi:8931(15 mm nominal bore.) Make:(Ess Ess - Croma Series / Essel - Econ Series/Jaquar-continental series)	Nos.	3.00		
4.9	Kitchen Sink for Pantry (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.	Nos	1.00		

4.10	Anti Skid KOTA STONE FLOORING & SKIRTING WITH POLISHING :-Providing and fixing Kota stone of size 600mm x 600mm x 18mm of approved make and sample in pattern as per detailed drawings, mirror polished, machine cut, Kota Stone slab for ramp, 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.	SQM	85		
4.12	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 cutting & making good walls etc. Size(600x910mm)	Nos.	3.00		
4.13	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:(Ess Ess - Croma Series / Essel - Econ Series /Jaquar- continental series)	Nos.	3.00		
4.14	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:(Ess Ess - Croma Series / Essel - Econ Series/Jaquar- continental series)	Nos.	3.00		
4.15	Providing , Fixing & Supplying Water Tank 1000 ltrs. Triple layerd including all necessary accessories .(Make Sintex)	Nos.	1.00		
4.16	Providing , Fixing and Supplying water motor 2 HP including all necessary accessories . (Make Crompton)	Nos.	1.00		
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.	SQM	450		
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.	SQM	115		
5.4	External polish on Exterior Façade				
	Providing and applying external Polish three coats to give on even surface after preparation of surface for polishing by scrapping etc. & filling including one primer coat, complete in all respects as per directions of engineer/ architect, applicable to old or new.	SQM	50		
5.5	Collapsible Grill Gate :- Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., 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 Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	SQMT	5		
Total Value of Works					
NOTE: GST SHALL BE PAID EXTRA					
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