

**Name of Work: Civil & Plumbing works of Awadh Apartment for Canara Bank,
Lucknow**

Note:- The rates quoted by the Contractor are inclusive of all duties and taxes of all government, municipal or any other statutory bodies as applicable from time to time except GST which shall be extra. Also, the quoted rates are applicable for works both at day and night (if needed) and shall include working at all heights (**UPTO 10 FLOORS**) and levels as per site condition and all/ any liasoning required with local authority (like LDA and the like) for smooth execution of works. Nothing extra shall be payable in this regard. Further, no lifts installed in the Apartment shall be used for carriage of materials and the contractor shall make his own separate arrangement of **construction lift/** manual loading for transporatation of all material and labourers.

DETAILED ESTIMATE

S.N.	Item of Work	Unit	Quantity	Rate	Amount
S. H. : I - EARTH WORK					
1.1	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, all leads included : All kinds of soil ; Pipes, cables etc, not exceeding 200 mm dia.	Mtr	50		
1.2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, all leads included & lift upto 1.5 m.	Cum	5		
1.3	Supplying and stacking at site: Good earth.	Cum	5		
Total of S.H. I of Earth Work					
S. H. : II - CEMENT CONCRETE WORK					
2.1	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor ten level, including the cost of centering, shuttering and finishing:				
	1:3:6 (1 cement : 3 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 6 graded stone aggregate 20 mm nominal size Recycled Aggregate (RA))	Cum	88		
Total of S.H. II of Cement Concrete Work					
S. H. : III - REINFORCED CEMENT CONCRETE					

S.N.	Item of Work	Unit	Quantity	Rate	Amount
3.1	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor ten level, including cost of centering, shuttering, finishing and reinforcement :				
	1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size Recycled Concrete Aggregate (RCA) upto 20%	Cum	1		
3.2	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level: Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	100		
Total of S.H. III of Reinforced Cement Concrete					
S. H. : IV - BRICK WORK					
4.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor ten level in all shapes and sizes in cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	2		
4.2	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor ten level. Cement mortar 1:3 (1 cement :3 coarse sand). Item to include for providing and placing in position 2 Nos 6 mm dia. M.S. bars at every third course of half brick masonry.	Sqm	104		
Total of S.H. IV of Brick Work					
S. H. : V - DOORS & FRAMES					
5.1	WPC DOOR SHUTTER & FRAMES FOR TOILETS	Nos	96		
	Providing and fixing factory made solid Wood Polymer Composite (WPC) single extruded frame of 3" x 2" size having single rebate and provided with 28mm thick solid WPC single extruded door shutter of solid finish fixed with 4" hinges (min 4 Nos). The door frame to be fixed to the walls with holdfasts or bolt fastners (min 4 Nos for vertical members and 2 Nos for horizontal members). Each shutter to be provided with 1 No of cylindrical lock, 2 Nos of PVC handles, 2 Nos of PVC aldrops & 2 Nos of PVC tower bolts (5"). Each shutter shall be of size approx 2.5' (W) x 7'(H).				
5.3	Relamination & changing of Hardware of existing flush doors with 1 mm thick laminate on both sides of approved shade High gloss Frosty White/ Bleached Teak of make Archidlam/ approved equivalent shade in approved make including making grooves as/ architect with all necessary hardware including	Sqm	202.00		
	a) SS stopper,				
	b) 6" SS Tower bolt,				

S.N.	Item of Work	Unit	Quantity	Rate	Amount
	c) SS buffer,				
	d) SS heavy duty butt hinges (4" long, 4 nos. in 7' high door)				
	of make Dorma/ Hettich/ Ozone/ godrej /Dorset all complete as per directions of Architect/ Bank. Item to also include complete removal of existing paint/ lamination over the door to make surface good for new lamination as per site. [One side Elevation of door shall be measured for payment].				
5.3a	changing of Hardware of existing flush doors with all necessary hardware including	Nos.	208.00		
	a) SS stopper,				
	b) 6" SS Tower bolt,				
	c) SS buffer,				
	d) SS heavy duty butt hinges (4" long, 4 nos. in 7' high door)				
	of make Dorma/ Hettich/ Ozone/ godrej /Dorset all complete as per directions of Architect/ Bank. Item to also include complete removal of existing paint/ lamination over the door to make surface good for new coat of enamel paint/ lamination as per site. [nos. of door having all mentioned hardware shall be counted for payment].				
5.5	Providing and fixing chromium plated (SS Brush finished) brass, 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete for Flush doors of make Godrej/ Dorset/ Harrison/ Ozone.	nos.	176.00		
5.6	Providing and fixing chromium plated (SS Brush finished) brass, 100 mm mortice Baby latch and a pair of lever handles of approved quality with necessary screws etc. complete for Flush doors of make Godrej/ Dorset/ Harrison/ Ozone.	nos.	96.00		
5.6.1	Providing and fixing chromium plated brass night latch of make Godrej/ Dorset/ Harrison/ Ozone of approved quality including necessary screws etc. on Entrance Door of flat, all complete as per directions of Architect/ Bank's Engineer.	nos.	80.00		

S.N.	Item of Work	Unit	Quantity	Rate	Amount
5.7	Electrical Panel Cabinet Shutter with louvres door: Providing and fixing 19 mm thick Fire Retardant blockboard shutter finished in 1 mm thick texture/ ultra gloss matte laminate on front facia and painted with fire retardant paint on the inside in all designs/ combinations of make Archidlam/ Greenlam/ Merino/ Century or approved equivalent with all necessary hardware including SS door handle, SS stopper, lock, door closer, self close hinges etc. of make Dorma/ Hettich/ Hafele/ Ozone etc. all complete as per directions of Architect/ Bank. All edges of the shutters to be finished with 5-6 mm thick Teak wood lipping on all sides finished with melamine polish matching with laminate.The item to include SS Jaali in the shutters of the door. Note: Contractor shall submit the Bill and certificate from the manufacturer for the Fire retardant Blockboard and ply wherever being used.	Sqm	90.00		
5.8	Providing and fixing in position beechwood beading (design as/ approval) all complete as per profile given in the detail drawing or as explained out of wooden sections of sizes given below. All surface area should be finished with enamel paint of approved shade & colour with minimum 2 coats. This item will operate only for those mouldings which are to be fixed independent of any other item as mentioned in the Bill of Quantities and not measured under any other item etc. All complete as per detail drawing, as specified and as directed by Architect/ Bank's Engineer.				
a	50 X 15 mm	Metre	125.00		
b	75 X 15 mm	Metre	375.00		
5.9	Providing and fixing Overhead storage 330 mm deep (overall) as shown in details/ drawing with all sides & shelves (minimum 1 horizontal shelf) to be 19 mm blockboard (IS :1659) with 6 mm thick plywood to be fixed at the back. The top shall be finished with 1 mm thick laminate over 19 mm thick blockboard (IS :1659) all complete. The shutters to be 19 mm thick blockboard with 1 mm thick laminate of High gloss Frosty White/ Teak finished laminate as/ approval of approved make on all exposed outside surfaces (except back and bottom which shall be painted with enamel paint) and 0.7 mm thick laminate on all the inside surfaces. All other edges/ shutters to be finished with 0.8 mm thick PVC edge banding all complete including S.S. long handles, magnetic catchers, self closing hinges of Hettich/ Hafele/ EBCO/ equivalent approved make etc.	Sqm	160.00		
	All outside surfaces to be finished in laminate all complete to the satisfaction of Architect/ Bank's Engineer. Note:- Front elevation shall be measured for payment.				

S.N.	Item of Work	Unit	Quantity	Rate	Amount
5.9.1	Same as above but for under counter storage with depth of storage as 600 mm. White matt PVC 'G'- SHAPE PROFILE HANDLES to be Used instead of handle (finish of the Profile handle shall be as per approval of Bank's engineer/ Architect).	Sqm	248.00		
	All outside surfaces to be finished in laminate all complete to the satisfaction of Architect/ Bank's Engineer. Note:- Front elevation shall be measured for payment.				
5.10	Providing and fixing full height cupboard (upto 2700 mm high) and 600 mm deep (as/ site) as shown in details/ drawing with all sides & shelves to be 19 mm blockboard (IS :1659) with 6 mm thick plywood to be fixed at the back. The top shall be finished with 1 mm thick laminate over 19 mm thick blockboard all complete. The shutters to be 19 mm thick blockboard (IS :1659) with 1 mm thick laminate of existing shade/High gloss Frosty White/ Teak finished laminate as/ approval of approved make on all exposed outside surfaces (except back and bottom which shall be painted with enamel paint) and 0.7 mm thick laminate on all the inside surfaces. The sides/ bottom of the drawer shall be made out of 12 mm thick commercial plywood and finished 0.8 mm thick PVC edge banding. All other edges/ shutters to be finished with 0.8 mm thick PVC edge banding all complete including S.S. long handles, magnetic catchers, self closing hinges of Hettich/ Hafele/ Ebco/ equivalent approved make etc.	Sqm	56.00		
	The item shall include melamine polishing to the teakwood surfaces to match with specified laminate and outside surfaces to be finished in laminate all complete to the satisfaction of Architect/ Bank's Engineer. Note:- Front elevation shall be measured for payment.				
5.11	Relamination of shutters from front side of existing cupboard with 1 mm thick texture/ ultra gloss laminate in all designs/ combinations of make Archidlam/ Greenlam/ Merino/ Century or approved equivalent including making grooves as/ architect. Item to include changing of all necessary hardware including Solid D type SS handle, magnetic catchers, self closing hinges, cupboard lock, drawer slider etc. of make Dorma/ Hettich/ Hafele/ Dorset all complete as per directions of Architect/ Bank. Item to also include removal of existing lamination over the shutter as per site. [Elevation shall be measured for payment].	Sqm	330.00		
5.12	Finishing existing Mesh doors with Enamel Paint as/ approval on both sides of approved shade/ make with all changing of 304 grade stainless steel (SS) mesh, all necessary hardware including	Sqm	202.00		
	a) SS stopper,				
	b) 6" SS Tower bolt,				
	c) SS buffer,				
	d) SS heavy duty butt hinges (4" long, 4 nos. in 7' high door)				

S.N.	Item of Work	Unit	Quantity	Rate	Amount
	e)SS finish Aldrop,				
	f)SS finish Door handle (200 mm long on both side as/approval),				
	of make Dorma/ Hettich/ Ozone/ godrej /Dorset all complete as per directions of Architect/ Bank. Item to also include complete removal of existing paint/ lamination over the door to make surface good for new lamination as per site. [One side Elevation of door shall be measured for payment].				
Total of S.H. V of Wood Work					
S. H. : VI - ALUMINIUM WORK					
1	ALUMINIUM WINDOWS, SLIDING DOOR/ WINDOWS: Providing and fixing aluminium (50 micron thick powder coated of approved colour) of below mentioned type track Sliding windows, Door and Aluminium Openable windows with fixed glazing using standard design and sections complying to 'JINDAL DELUX' or approved equivalent, Specification for sliding section with necessary accessories as specified in Architectural drawing including all fittings, fixtures, locking device, SS wire mesh, handle etc,complete, as directed by Architect/ Banks Engineer. The shutter panels shall be provided with 6 mm thick plain float glass of Saint Gobian or Asahi make with rubber gasket beadings.				
a	Three track three panels sliding window/ Door with fly proof SS wire mesh (Two nos. glazed & one no. wire mesh panels) made of (section no.21489) frame of size 101.5 x 50 x1.4 mm& Shutter size is 27x65x1.5 mm mm There shall be one mosquito meshed shutter using SS material mesh for each window in addition to the glass panes shuttters shall be provided.	sq.mt	1010		
b	Fixed glass portion of window with made of frame of size 65 x 38 x1.4 mm fixed above to Sliding.window frame as/ architectural Drawing.	sq.mt	270		
c	Openable Window with Frost glass & without mesh shutter in Toilet Area including provision of cutting of fixed portion of exhaust fan.	sq.mt	60		
Total of S.H. VI of Steel Work					
S. H. : VII - STEEL WORK					
7.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer & 2 Coat of Enamel Paint As/ approved color & make, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes Note: Item to include working heights upto 10th floor, installation of scaffolding etc. all complete as per the directions of Architect/ Bank's Engineer.	Kg	5580		

S.N.	Item of Work	Unit	Quantity	Rate	Amount
7.2	Steel work welded in built up /rolled sections/ framed work including cutting hoisting, fixing in position and applying a priming coat of approved steel primer & 2 Coat of Enamel Paint As/ approved color & make using structural steel etc. as required: In gratings, frames, guard bar, ladders, railings, Grills, brackets, gates, Girders and similar works. Note: Item to include working heights upto 10th floor, installation of scaffolding etc. all complete as per the directions of Architect/ Bank's Engineer.	Kg	3320		
Total of S.H. VI of Steel Work					
S. H. : VIII - FLOORING					
8.1	Providing and laying Digital Ceramic wall tile of size 300 X 600 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of Kajaria/ Nitco/ Restile (Basic cost: 55 Rs/ Sq. ft.) make laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/ sqm including pointing the joints with white cement and matching pigment etc. complete. The item to also include dismantling of existing floor finish and levelling with cement mortar and the like including disposal of mulba all complete as per site requirement. Item to include Plaster of wall (1:6) to make proper base for wall tiling.	Sqm	3600.00		
8.2	Providing and laying Vitrified Wall/ floor tiles Plank type of size 130 X 800 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of Kajaria/ Nitco/ Restile (Basic cost: 70 Rs/ Sq. ft.) make in all colours 7 texture, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/ sqm including pointing the joints with white cement and matching pigment etc. complete.	Sqm	260.00		
8.3	Providing and laying Ceramic floor tiles of size 300 X 300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of of Kajaria/ Nitco/ Restile (Basic cost: 52 Rs/ Sq. ft.) make laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/ sqm including pointing the joints with white cement and matching pigment etc. complete. The item to also include dismantling of existing floor finish and levelling with cement mortar and the like including disposal of mulba all complete as per site requirement. Note:- Contractor to ensure no damages to the laid flooring occurs.	Sqm	1015		

S.N.	Item of Work	Unit	Quantity	Rate	Amount
8.4	Providing and laying Glazed Vitrified tiles (1200 X 600 mm) Kajaria/ Nitco/ Restile (Basic cost: 70 Rs/ Sq. ft.) of approved shade having thickness as per manufacturer's specifications laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/ sqm including pointing the joints with white cement and matching pigment etc. complete. The item to also include dismantling of existing floor finish and levelling with cement mortar and the like including disposal of mulba all complete as per site requirement. Note:- Contractor to ensure no damages to the laid flooring occurs. The measurement to be on sq. mt. basis of the plan area of flooring, skirting and nothing extra shall be paid for design work.	Sqm	3025		
13.1	Providing and laying Handmade/ matching tile on external facade of the building of size matching with existing (approx 450x 300 mm) (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of Kajaria/ Nitco/ Restile (Basic cost: 75 Rs/ Sq. ft.) make laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/ sqm including pointing the joints with white cement and matching pigment etc. complete. The item to also include dismantling of existing floor finish and levelling with cement mortar and the like including disposal of mulba all complete as per site requirement.	Sqm	195.00		
8.5	Providing & fixing 18 mm thick Pre- polished Granite Stone (kashmir white , kot kashta, onida orange etc.) as per design (Basic cost: 150 Rs/ Sq. ft.) on top of balcony parapet, flooring, in risers of steps, tread (of staircase), skirting, dado, Urinal partitions, counter top and pillars as per design. The stone to be fixed with cement mortar 1:2 (1 cement: 2 coarse sand) in design and shape as per drawings including round/ half round moulding of the stone edges. Item to include fixing of stone after removing existing flooring/ wall cladding and removing dismantled material all complete as per site requirement.	Sqm	325		
8.6	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand). Dark shade pigment using ordinary cement	Sqm	75		
8.7	Providing and filling Cinder mixed with cement mortar and water proofing compound and well compacted in the sunken floors and finished with a layer of cement slurry complete as directed directions of the Architect/ Bank's Engineer.	Cum	295		
Total of S.H. VIII of Flooring					

S.N.	Item of Work	Unit	Quantity	Rate	Amount
S. H. : IX - WATERPROOFING					
1	Waterproofing Treatment (CICO/ Dr. Fixit to be carried out by approved water proofing expert and professional agency only. Contractor has to submit a Performance Guarantee for 10 years for water proofing works in Bank format as per Bank Engineer/ Architect on Stamp Paper) to be carried out by approved water proofing expert and professional agency only, contractor has to submit a guarantee for 10 years for water proofing of work as per Bank Engineer/ Architect.	Sqm	885.00		
	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/ litre and viscosity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane: 3 mm thick. Note:- The contractor shall provide 10 year Performance Bank Guarantee for waterproofing on 100 Rs./ applicable value stamp paper as per Bank format.				
9.2	Providing and laying water proofing treatment (CICO/ Dr. Fixit to be carried out by approved water proofing expert and professional agency only. Contractor has to submit a Performance Guarantee for 10 years for water proofing works in Bank format as per Bank Engineer/ Architect on Stamp Paper) in sunken portion of WCs, bathroom, terraces (upto 10 floors) etc., by applying cement slurry mixed with water proofing cement compound consisting of and applying:	Sqm	2325		
	(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, cleaning the surface before treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.				

S.N.	Item of Work	Unit	Quantity	Rate	Amount
9.3	Providing gola 75 x 75 mm in cement concrete 1 : 2 :4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge) including finishing with cement mortar 1 : 3 (1 cement : 3 fine sand) as per standard design: <i>in 75 x 75 deep chase.</i>	Mtr.	25		
9.4	Making khurras 45 x 45 cm with average minimum thickness of 5 cm cement concrete 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded s tone aggregate of 20 mm nominal size) over P.V.C. sheet 1m x 1m x 400 micron, finished with 12 mm cement plaster 1 : 3 (1 cement : 3 coarse sand) and a coat of neat cement rounding the edge sand making and finishing the outlet complete.	Each	8		
Total of S.H. IX of WATERPROOFING					
S. H. : X - FINISHING					
10.1	Providing 12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand).	Sqm	265		
10.2	French spirit polishing on Door/ Door Frame including Two or more coats on new works including a coat of wood filler and sanding & buffing of surface. all complete as per the directions of Architect/ Bank's Engineer. [surface area of frame shall be measured for payment].	Sqm	10.00		
10.3	Wall painting with 2 Coats of premium Plastic emulsion paint of interior grade, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. all complete as per the directions of Architect/ Bank's Engineer. Item to include Scraping of existing paint on wall & ceiling & repairing with POP (where needed).	Sqm	14015		
10.4	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. all complete as per the directions of Architect/ Bank's Engineer.	Sqm	2325		
10.5	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content with water thinnable cement primer on wall surface having VOC content less than 50 grams/litre, all complete as per the directions of Architect/ Bank's Engineer.	Sqm	2325		

S.N.	Item of Work	Unit	Quantity	Rate	Amount
10.6	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new/ existing work. Item to include sanding of existing surface to make smooth base for painting, all complete as per the directions of Architect/ Bank's Engineer. (Note: 1 side of grill elevation is measured for payment)	Sqm	3650		
10.7	Wall painting with water based, Anti algal, wheather proof, 100% Acrylic smooth emulsion paint with silicon additives, Apex Ultima of make Asian Paints/ Berger/ ICI Dulux/ Nerolac to give an even shade: Two or more coats on existing work. Item to include cleaning the surface thoroughly & filling the cracks upto 3 mm wide with smartcare crack seal of make Asian Paints/ Berger/ ICI Dulux/ Nerolac. Note: Item to include working heights upto 10th floor, installation of scaffolding etc. all complete as per the directions of Architect/ Bank's Engineer.	Sqm	13990		
Total of S.H. X of Finishing					
S. H. : XI - REPAIRS TO BUILDING					
11.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 5.0 sq. meters and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete with levelplast water resistant leveller including disposal of rubbish to the dumping ground all leads included. The surface shall be pre-wetted before application of levelplast. Levelplast shall be mixed thoroughly with mechanical stirrer and only potable water shall be used for mixing. Note: Item to include working heights upto 10th floor, installation of scaffolding etc. all complete as per the directions of Architect/ Bank's Engineer.				
a)	With levelplast water resistant wall leveller of make Birla White or approved equivalent.	Sqm	75		
11.2	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: Float glass panes of nominal thickness 5 mm (weight not less than 12.5kg/sqm)	Sqm	20		
11.3	Repairs to washed stone grit plaster on exterior walls height upto 10 metre above ground level of thickness matching with existing finishes in patches of area 2.5 sq. meters and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground all leads included:	Sqm	50		

S.N.	Item of Work	Unit	Quantity	Rate	Amount
	With base of one layer of 12 mm cement plaster 1:4 (1 cement : 4 coarse sand), furrowing the under layer with scratching tool, applying cement slurry on the under layer @ 2 Kg of cement per square metre, top layer 15 mm cement plaster 1:1/ 2:2 (1 cement: 1/2 coarse sand : 2 stone chipping 10 mm nominal size), in panels Note: Item to include working heights upto 10th floor, installation of scaffolding etc. all complete as per the directions of Architect/ Bank's Engineer.				
11.4	Add for plaster water drip course/ groove in plastered surface or moulding to R.C.C. projections/slab	Mtr.	50		
11.5	Providing and fixing chicken mesh (Rabbit) under plaster as per the direction of the Architect.	Sqm	50		
Total of S.H. XI of Repairs to Building					
S. H. : XII - DISMANTLING AND DEMOLISHING					
12.1	Removing plant and tree infestation with chemical emulsion treatment by injecting chemical emulsion per hole as instructed by drilling holes at 45 degree : With Chlorpyrifos/ Lindane E.C. as per direction of Engineer-in-charge/ Architect. (item include the cost of chemical). Note: Item to include working heights upto 10th floor, installation of scaffolding etc. all complete as per the directions of Architect/ Bank's Engineer.	NOS.	10		
12.2	Demolishing reinforced cement concrete manually/ by mechanical means including disposal of material all leads included as per direction of Engineer - in - charge.	Cum	3		
12.2	Dismantling of existing toilet wall/ floor tiles, Existing Mosaic flooring and removing flooring materials, Stone from Counter, removing CI pipes ,GI pipes, fittings & fixtures etc.from inside & Out side of flat and all steel work (grill/ gates, Door & Window Frame), Wooden Flush Doors, Window and disposing the unserviceable malba from site on day to day basis and stacking serviceable items as per instructions of Bank's Engineer / Architect. Note: Item to include working heights upto 10th floor, installation of scaffolding etc. all complete as per the directions of Architect/ Bank's Engineer.				
	for 2 BHK Unit (area =124 sqm./unit)= 16 nos. and for 1 BHK Unit (area =84 sqm./unit)= 64 nos.	job	1.00		
Total of S.H. XII of Dismantling & Demolishing					
S. H. : XIII - MISCELLANEOUS WORKS					

S.N.	Item of Work	Unit	Quantity	Rate	Amount
13.2	Providing and fixing clear Multiwall Polycarbonate Sheet in 10 mm thickness with aluminium profiles and EPDM gaskets of make LEXAN or approved equivalent as per design over and above MS framework (to be paid separately) all complete as per drawing and directions of Architect/ Bank's Engineer.	Sqm	185		
13.3	Providing and fixing factory made 8 mm thick single extruded PVC solid plain (colour as/ approval) Jali , CNC (Computer numeric control) routed of approved design by Engineer-in -charge/ Architect which are machine cut for duct/shaft covering, partitions and facades having good screw withdrawal strength with properties of being termite/ borer proof, water/moisture proof and fire retardant and fixing on M.S (mild steel) frame made of 25 x 25 x 1.5 mm square hollow box section including applying a priming coat of approved steel primer, placed at grid made at 1.0 x 1.0 m or as per requirement at site with necessary stainless steel fasteners and SS screws etc., all complete as per direction of Engineer-In- Charge/ Architect.	Sqm	295		
13.4	Providing & laying Terra Blocks of make GLO, code : Design: 05- Petal, Size: 220mm x 220mm, Thickness:63 mm fixed with cement mortar 1:3 (1 cement : 3 fine sand) , all complete as per direction of Architect/ Banks Engineer.	Sqm	10		
13.5	Providing and fixing nickel plated M.S. pipe curtain rods (25 mm dia (heavy type)) with nickel plated brackets as per approval. all complete as per direction of Architect/ Banks Engineer.	Rmt.	560		
13.6	Providing Core cutting upto 100 mm diameter in existing slab for taking out Plumbing pipes etc. including mobilisation all complete as per directions of Bank/ Architect.	Nos.	5.00		
13.7	Providing and fixing in position S.S.name/ sinage plate letters/ figure as per the approved drawing/ text. The letter/ figure will embose on plate as/ design. The SS plate will be SS 304 grade & 18 guage thick fixed to wall / door with SS bolt as required all complete as per direction of Architect/ Bank's Engineer.	Per sq. inch	3600		
Total of S.H. XIII of MISCELLANEOUS WORKS					
S. H. : XIV - PLUMBING WORKS					
PLUMBING WORK					
	Plumbing works includes cleaning of surface & removing old connections from site as per instructions. Item also includes all necessary connections with existing pipes, manholes and service lines and necessary liasioning with building authorities.				

S.N.	Item of Work	Unit	Quantity	Rate	Amount
14.1	Supply and fixing in position uPVC IS 13592 - 6 Kg/Sqcm - Soil/ waste/ vent pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion for Single socketed pipes including its fittings/ accessories for unplasticised PVC Soil/ waste/ vent pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, coupler, Single tee, bend, pipe clips, plug, bends screws etc., including fixing to the wall with special PVC /MS clamps, laying in floor including covering the same with concrete having 1:2:4 mix (1 cement: 2 coarse sand: 4 stone aggregate 12 mm nominal size). and making connection to all sanitary fittings, with all joints to be sealed with solution, wherever necessary and making chipping good portion to the original condition, complying with standard specification etc., All complete as per direction of Engineer in Charge/ Architect.				
a	for 25 mm dia nominal bore pipe.	R.Mt.	225.00		
b	for 32 mm dia nominal bore pipe.	R.Mt.	72.00		
c	for 50 mm dia nominal bore pipe.	R.Mt.	158.00		
d	for 75 mm dia nominal bore pipe.	R.Mt.	407.00		
e	for 110 mm dia nominal bore pipe.	R.Mt.	459.00		
f	for 150 mm dia nominal bore pipe.	R.Mt.	10.00		
14.2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work				
a	25 mm nominal dia Pipes	R.Mt.	2528.00		
b	32 mm nominal dia Pipes	R.Mt.	200.00		
c	40 mm nominal dia Pipes	R.Mt.	10.00		
d	65 mm nominal dia Pipes	R.Mt.	10.00		
14.3	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c 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 chases 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 walls etc.				
a	15 mm nominal dia Pipes	R.Mt.	450.00		
b	20 mm nominal dia Pipes	R.Mt.	950.00		
c	25 mm nominal dia Pipes	R.Mt.	20.00		

S.N.	Item of Work	Unit	Quantity	Rate	Amount
14.4	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion for Single socketed pipes including its fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, coupler, Single tee, bend, pipe clips, plug, screws etc. including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
a)	110 mm diameter	R.Mt.	400.00		
b)	75 mm diameter	R.Mt.	400.00		
14.5	Supplying and fixing in position of the following dia PVC specials such as PVC vent Cowl etc., of approved quality and variety of various size confirming to BIS amend providing leak proof joint etc., including necessary cutting and fixing and giving connection to PVC pipes etc., complete complying with standard specification and as directed by the Departmental Officer.				
	75mm dia. 6kg class PVC pipes.	Each	12.00		
	110mm dia. 6kg class pipes.	Each	1.00		
14.6	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams	Each	15.00		
14.7	Providing and fixing approved quality CPVC Nahani Trap of approved make and having self cleansing design with C.P. pressed steel grating with or without vent arm of the below mentioned sizes for inlet and outlet including cost of cutting/ chasing and making good the floors wherever required etc. complete as per instructions of Architect/ Bank's Engineer.				
i	100 mm dia nominal bore for inlet and 75mm dia nominal bore for outlet.	Nos.	384.00		
14.8	Providing & fixing CPVC Deep Seal P or S trap of self cleansing design with or without vent arm with provision for connecting inlet fitting complete including cost of cutting and making good the walls and floors wherever required etc. all complete as per the directions of the Architect/ Bank's Engineer.	Each	96.00		
14.9	Providing and fixing CPVC Ball Valves as per IS standard (with unions etc all complete as per the directions of the Architect/ Bank's Engineer.				
a	on 25 mm dia. Pipe	Each	166.00		
a	on 32 mm dia. Pipe	Each	10.00		
b	on 65 mm dia. Pipe	Each	4.00		

S.N.	Item of Work	Unit	Quantity	Rate	Amount
	SANITARY WORK				
14.10	Providing & fixing single body white vitreous china floor mounted water closet with cistern of make Kerovit : VITA - KB3027/ Hindware TOZZO S-220 (Catalogue No.92609) / Parryware prime single s-220 closet (Catalogue No.C8853) with C.P bolts, nuts with composite seat/ seat cover, Lip Ring, WC Connector and lid with SS hinges and including cutting and making good the walls and floors wherever required all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	96.00		
14.11	Providing and fixing white vitreous china half pedestal type wash basin and pedestal of make Kerovit JASPER - KS252/ Hindware 'Studio' (Catalogue No.11038) / Parryware Aster (Catalogue No.C8928) with 32 mm C.P. brass waste without pop up system of make Jaquar/ Kerovit/ Parryware including flexible PVC drain pipe (for length not less than 700 mm), brackets, nut and bolts and cutting and making good the walls and floors where required etc. all complete as per the directions of the Architect/ Bank's Engineer. Note: Item to also include painting of brackets etc. to prevent from rusting.	Nos.	160.00		
14.12	Providing and fixing 15 mm C.P. brass pillar type wash basin mixer tap with flange of make Jaquar/ Kerovit/ Hindware including nut and bolts and cutting and making good the walls and floors where required etc. all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	160.00		
14.13	Providing and fixing 15 mm nominal bore C.P. brass angle valve with flange for wash basin, cistern, gyser etc. points of approved quality of make Jaquar/ Kerovit/ Hindware etc. all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	784.00		
14.14	Providing and fixing C.P. brass 600 mm long Towel Rail with flange of make Jaquar ACN-CHR-1111SM or approved equivalent of make Kerovit/ Hindware including cutting and making good the walls wherever required all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	96.00		
14.15	Providing and fixing C.P. brass Towel Ring with flange (Cat No. ACN- CHR-1121N) of Jaquar or approved equivalent of make Kerovit/ Hindware/ Parryware Roca including cutting and making good the walls wherever required all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	64.00		
14.16	Providing and fixing 102 mm X 102 mm outer size stainless steel Square floor drain cover suitable for 3" inch drain (Cat No. SS-102) of Chilly or approved equivalent of make Kerovit/ Hindware/ Jaquar all complete as per the directions of the Architect/ Bank's Engineer.	Each	192.00		

S.N.	Item of Work	Unit	Quantity	Rate	Amount
14.17	Providing and fixing 128 mm X 128 mm outer size stainless steel Square floor drain cover suitable for 4" inch drain (Cat No. SS-128) of Chilly or approved equivalent of make Kerovit/ Hindware/ Jaquar all complete as per the directions of the Architect/ Bank's Engineer.	Each	192.00		
14.18	Providing and fixing Mirror with 2" frosted border (shape and size as per Architect) mounted with SS spacers etc. all complete as per the directions of Architect/ Bank's Engineer.	Sqm	78.00		
14.19	Providing and fixing C.P. brass robe hook (Cat. No. AQN-7791) of Jaquar or approved equivalent of make Kerovit/ Hindware/ Chilly with SS screws etc. all complete as per directions of Architect/ Bank's Engineer.	Each	96.00		
14.20	Providing and fixing Glass shelf 22" (ACN- 1171N) of Jaquar or approved equivalent of make Hindware/ Kerovit including cutting and making good the walls wherever required all complete as per the directions of the Architect/ Bank's Engineer.	Each	96.00		
14.21	Providing and fixing CP Brass Health faucet (Cat No. ALD-CHR-573) of Jaquar or approved equivalent of make Kerovit/ Hindware with SS screws etc. all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	96.00		
14.22	Providing and fixing CP Brass 2 Way Bib Cock with flange of make Jaquar/ Kerovit/ Hindware with SS screws etc. all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	96.00		
14.23	Providing and fixing CP Brass Bib Cock with nozzle and flange of make Jaquar/ Kerovit/ Hindware with SS screws etc. all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	80.00		
14.24	Providing and fixing CP Brass wall mounted Sink mixer having swinging spout with connecting legs and wall flanges of make Jaquar/ Kerovit/ Hindware with SS screws etc. all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	96.00		
14.25	Providing and fixing soap dish holder with flange of make Jaquar/ Kerovit/ Hindware with SS screws etc. all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	96.00		
14.26	Providing and fixing toilet paper roll holder with flange of make Jaquar/ Kerovit/ Hindware with SS screws etc. all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	96.00		

S.N.	Item of Work	Unit	Quantity	Rate	Amount
14.27	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including flexible PVC drain pipe (for length not less than 700 mm), painting of fittings and brackets, cutting and making good the walls wherever required: Kitchen sink without drain board: 610 X 460 mm bowl depth 200 mm.	Nos.	80.00		
14.28	Providing and fixing CP Brass wall Mixer 3-in-1 System with provision for Overhead Shower Complete with 115 mm Long Bend Pipe on Upper Side, Connecting Legs & Flanges (without Hand & Overhead Shower to be paid separately) of make Jaquar/ Kerovit/ Hindware with SS screws etc. all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	96.00		
14.30	Providing and fixing minimum 190 mm long shower arm with flange and 100 mm X 100 mm shower head of make Jaquar/ Kerovit/ Hindware with SS screws etc. all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	96.00		
14.31	Providing and fixing minimum 450 mm Long Braided Hose with Two 15mm Nuts & Rubber Washers with/ Without Nipple in chrome finish of make Jaquar/ Kerovit/ Hindware with SS screws etc. all complete as per the directions of the Architect/ Bank's Engineer.	Nos.	725.00		
Total of S.H. XIII of PLUMBING WORKS					-
D SALVAGE/ BUYBACK					
1	Dismantling, removal and disposal from Apartment on as is where is basis of the following items including the cost of loading, unloading and transportation etc. complete. The quantities mentioned below against different salvage items are tentative. It is advised to survey and assess the condition of various salvage items at site before quoting the rates. Claims on account of over assessment of the cost of various salvage items without examination of the actual quantities and condition of the various salvage items shall not be entertained at a later stage.				
(i)	All MS Steel works in Windows Grill, Door /Window Frame, Plumbing GI pipes etc.	KG	500		
(vi)	Wirings/ DBs for 80 flats etc.	Lot	1.00		
	Note: The site and premises to be cleared of all dismantled serviceable/ unserviceable material. i.e. disposal of all dismantled materials/ fixtures and debris/ garbage material beyond existing Bank's premises including all leads and lifts etc. complete. Disposal / rubbish to be disposal well before submission of bills for consideration of payment.				