

SUMMARY FOR INTERIOR FURNISHING WORK FOR INDIAN BANK BRANCH AT BACHRAWAN		
S.NO	DESCRIPTION	AMOUNT (Rs.)
A	SCHEDULE - 'A' (FURNISHING WORK)	
1.0	FALSE CEILING	
2.0	PARTITION WORK	
3.0	DOOR & ACCESSORIES	
4.0	WORKING COUNTER	
5.0	TABLE & FURNITURE	
6.0	CUPBOARDS AND SIDE UNIT	
7.0	OTHER MISC. WORK	
	TOTAL SCHEDULE " A "	
B	SCHEDULE - 'B' (ELECTRICAL WORK)	
I	ELECTRICAL WORK , DB , WIRING ETC	
II	ELECTRICAL WORK & LIGHT FIXTURE & FITTINGS	
	TOTAL SCHEDULE "B "	
C	SCHEDULE - 'C' (LAN & TELEPHONE WORK)	
1.0	LAN & TELEPHONE WORK	
	TOTAL SCHEDULE "C "	
	TOTAL (SCHEDULE - A+B+C)	
	IF ANY DISCOUNT	
	DISCOUNT AMOUNT	
	GRAND TOTAL	
	NOTE :- GST (WCT) TAX WILL BE EXTRA.	
	Contractor Signature & Seal	
	GST No:-	
NOTE :-NO PAYMENT SHALL BE DONE FOR DISMANTLING WORK FOR EXISTING FURNITURE/ ELECTRICAL ITEMS		

B.O.Q OF INTERIOR FURNISHING WORK FOR INDIAN BANK BRANCH AT BACHRAWAN					
A	SCHEDULE - 'A' (FURNISHING WORK)				
S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
1	SUSPENDED FALSE CEILING				
1.1	FALSE CEILING (GYPSUM BAORD)				
	Providing and fixing Gypsum false ceiling as per drawing including of providing and fixing G.I. Frame work shall comprise of G.I. perimeter channel (MF-6A) of size 0.50mm thick having one flange of 19.6mm and another flange shall be of size 29.6mm and a web of 26.6mm along with perimeter of ceiling, screw fixed to the beam to the required curvature with nylon sleeves and screws at not exceeding 610mm centers. Then suspending G.I. intermediate channel (MF-7) of size 45mm, 0.9mm thick with two flanges of 15mm each bent to the required curvature by cutting both its flanges. Suitable bracing to be provided where ever the flanges are cut with 0.9mm G.I. Flat and nuts and bolts at specific positions and thereafter at 1220mm centers with ceiling angle of width 25mm x 10mm x 0.50mm thick fixed to soffit with G.I. cleats and steel expansion fasteners as per specification of India gypsum at a distance of 2'0" c/c both ways complete with 12.5mm board and all necessary perimeter channels etc.	Sq.Ft.	470.00		
	The joints to be properly mended with paper tapes and gypsum compound all complete. The boards are to be jointed and finished which includes filling and finishing the tapered and square edges of the boards with jointing compound and fiber tape suitable for Gypsum board. A layer up to of 3.00mm thickness of Veneer Plaster is applied followed by two coats of topcoat (primer) at the face of board to give smooth seamless finish. 2 or more coats of plastic emulsion paint (roller finish) of approved shade and make shall be applied. The rate should include the full completion of the ceiling. At the time of handing over the site all necessary repairing work to be considered if required. The work to be completed as per specification , approval of the bank. No Drop or design(if any)will be considered as extra measurement it will be considered flat ceiling. (Only plan area to be measured for payment) .No extra payment will be made for the cutting of light points , stain glass, cove lighting etc. The measurement will be taken in one level , rate should include the drops also, no extra amount will be paid for the drops.				
1.2	FALSE CEILING (ARMSTRONG CEILINGS - FINE FISSURED MICROLOOK EDGE WITH SILHOUETTE GRID (BLACK REVEAL)				
	Providing and fixing false ceiling system manufactured by M/s. Armstrong World Industries using hot dipped galvanized steel section, rotary stitched main tee of size 15mm x 42 mm web height, having 0.36 mm gauge at every 600 mm centre to centre maximum and rotary stitched cross tee of size 15 mm x 42 mm, having 0.33 mm gauge at every 600 mm. c/c. and wall angle of size 19 x 19 mm., having 0.35 mm gauge fixed to the periphery of the wall. The above grid is suspended at every 600mm c/c. in both directions using 2.0 mm. thick pre-straightened GI wire laying FINE FISSURED MICROLOOK WITH SILHOUETTE GRID (BLACK REVEAL) ceiling tiles manufactured by M/s. Armstrong World Industries, of size 600mmx600mmx15mm having NRC 0.55, Light reflectance of >84% (WT), thermal conductivity k = 0.052-0.057 W/m0K, Humidity Resistance of 99% , having Fire Performance CLASS O / CLASS 1 (BS 476), surface having 3 coats of white paint with Fine Fissured, back of the tile duly sanded and finished with a coat of protective paint over the formed grid complete. (Branch & ATM) .	Sq.Ft.	468.00		

S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
	TOTAL OF SUSPENDED FALSE CEILING				
2	PARTITIONS WORK				
2.1	FULL / LOW HEIGHT SOLID PARTITION	Sq.Ft.	240.00		
	Full ht. Solid Partition including flush door & strong room partition up to 7' only WITH LOUVRE :- Providing and fixing solid partition, the framing shall made out of aluminium hollow section of 65mm x 37mm size 1.5mm thick of JINDAL / INDAL as internal frame structure placed horizontally & vertically at max distance of 2'-0" x 2'-0" center to center. Fixing 6 mm thick commercial ply on both sides with 1.0mm thick laminate on top of approved shade with groove pattern as per instructions of Architect. The rate shall include the cost of providing skirting of 100mm wide lined with 1mm thk laminate and providing & fixing a border at top of 100mm wide lined with 1mm thk laminate complete. Laminate Should be considered up to two or three color combination. The edge beadings with steam beach wood should be finished with melamine polish if required, frame work above false ceiling done shall not be measured but contractor may factor it while quoting there rates as measurment up to false ceiling lvl..				
	The rate inclusive of providing & fixing of required flush door of 37mm thick approx. with 1.0mm th.laminate both side with steem beech wood chowkhat of size 75mm x 65mm approx and Item includes Heavy-duty SS ball bearing butt hinges 100 x 5.5 mm (4 Nos. per shutter) with screws etc.The shade of laminate finish to be got approved from Bank. . All as per the design and instructions Bank.				
	Note :- For the purpose of payment partition shall be measured including the area of door/door frames up to false ceiling heaight.				
	Framework shall be regidly secured to floor, bottom of slab & exisitng walls at 2'-0" c/c with dash fasteners.				
2.2	Bisen board partition for UPS room	Sq.Ft.	60.00		
	As of the above but Providing and fixing Bisen board partition above false ceiling(where false ceiling is provided only on one side) for a height of up to 600mm or near about soffit of roof using aluminium frame as specified above along with Bisen board with paint of approved shade .				
2.3	Full height Glazed partition manager cabin	Sq.Ft.	170.00		
	Same as of Solid ht. partition , providing 8mm thick Modi/saint Gobin float glass above 1'-0" / 3'-0" & up to 7'-0" fixed with steam beech wood beading of finished size 1 1/2" X 1" all along the edge. All edge-to-edge glass joint to be machine cut and polished and sealed with silicon sealant. joint shall be located strictly as shown in the drawing. All exposed woodwork to be mealamine polished. Item includes frosted/striped/designer glass film of 3m, Avery Dennison or equivalent (basic rate of Flim Rs. 50/ Sq.ft.) on existing glass as per manufacturer's specifications. All as per the design and instruction Bank.				
2.4	Single window Partitions cash cabin	Sq.Ft.	55.00		
	Providing and fixing in position Double skin partition 7'-0" height.The framing shall made out of aluminium hollow section of 65mm x 37mm size 1.5mm thick of JINDAL / INDAL as internal frame structure placed horizontally & vertically at max distance of 2'-0" x 2'-0" center to center. Fixing 6 mm thick commercial ply on both sides with 1 mm thick laminate of approved colour and shade as per approval of the Architect. The partition to include 8 mm. thick Modi Float glass with etching on the sides and back including a door 3'-0" wide as per the approval with all necessary hardware, night latches etc. All exposed edges to be covered with steam beech wood Beading,4mm grooves in places as per design duly melamine polished inclusive of all materials,hardware, night latches, labour, T&P, taxes, levies, etc. completed to the satisfaction of the bank & drawing.				
2.5	Low. Height Semi Glazed Partition	Sq.Ft.	60.00		

S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
	Same as above but of Low height as per design including 10mm Toughened glass with edges polished to be used. All other specs are same as of above, Edges of the partition to be covered with 3" X 1.5" Steam beech wood duly melmine polished moulding. 38mm thick flush door: wicket gate also shall be included for a measurement. All as per the design and insturction bank.				
2.6	Front Glazeing In head cash cabin & SWO	Sq.Ft.	16.00		
	Providing & fixing 10mm thick toughened clear float glass to shape for front side of the cash counters including cutting the holes and providing & fixing TW beading polished and tinted to approved shade. (including SWO/Chief Cashier front Glass).				
2.7	Aluminium grill on the ceiling of Cash cabin	Sq.Ft.	35.00		
2.6	ACP WALL PANELLING (ATM) :- Providing & fixing in position ACP (Aluminium Composite Panel) with framing of Aluminium Tube sections of min 1.5"x 1" and 20 gauge 2'-0" C/C both ways. ACP to be in 2' wide panels or distributed equally. Panels to be fixed to the frame with 3M or equi-valent adhesive. Joints to be finished with Silicon based sealant. Minimum ACP thickness-3 mm. Aluminum foil thickness to be min 0.25 mm on both sides. Alubond, Eurobond, Fujibond, Alcobond or equivalent ISO certified or approved brands to be used. White (IVORY) & Blue to be as per bank's approval. Additional Sections to be provided to fix the Indoor AC units. Both AC units to be installed near the machine area at the highest position. The rate shall be included for providing proper access panel for ATM power point and shall have proper locking arrangement for plug point by provding additional framing. (The measurement shall be made up to falseceiling).	SQ.FT	180.00		
2.7	BACK ROOM (ATM) - Providing and fixing partition made up on Aluminium box section with 2"x2" and 20 gauge with 2'0" C/c Both ways ,and to be ffixed on inside 3 mm thick Aluminum Composite panel and rear side (only where backroom/storage is available) with 8 mm thick plywood finished with 2 -coat colour enamel paint.The rate inclusive of providing and fixing of suitable shelve for fixatation CCTVs instrument & UPS extra (1Nos.) & Access Door with teak wood louvers, and necessary accessories including handle & locking arrangement and necessary hardware complete as per details. All as per the design and instructions Bank. The item shall include suitable cutting & provision for installation of ATM facility.	SQ.FT	100.00		
	Note: - For the purpose of payment partition shall be measured including the area of door / door frames up to false ceiling height. Framework shall be rigidly secured to floor, bottom of slab & existing walls at 2'-0" c/c with dash fasteners.				
2.8	Grouting:- ATM to be firmly embedded into the ground with para bolts/anchor bolts through the SAFE of theATM. Scope of work includes moving/tilting of machine ,Drilling 8"-10" holes in the existing flooring using concrete drill bits, Hammering metal sleeves inthese holes, Repositioning the machines over the existing markings, Anchor fasteners to be put inplaces, Min. 6" long anchor fasteners, preferably of Fischer make, Applying resin adhesive (Araldite)over the finished bolt positions for improved bonding and Repairing the broken tiles, if any	job	0.00		
	TOTAL OF PARTITIONS WORK				
3	DOOR & ACCESSORIES				
3.1	Main Entrance Door & Fixed glazing	Sq.Ft.	95.00		

S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
	Providing and fixing aluminium entrance doors with 12mm floatglass (3M frosted sticker) as/design with top & bottom section of 45 by 90mm , 2mm thick section of hindalco/indal anodized in approved colour with 25 micron anodizing along with SS C shaped handles of kitch or equivalent make along with floor spring of hemco/everite make. The item also includes door lock completed to the satisfaction of the architect.				
3.3	Supplying and fixing of Dorma/GEZE Dline / Hardwyn/Godrej or approved equivalent Door Closer for wooden door for Branch manager, Banking hall, Chief Cashier , Dinning ,UPS,Toilet	Nos	4.00		
3.4	Supplying and fixing of mortice door lock of hardwyn make HML-480 Lock Body 304 Stainless Stell. (in BM Cabin , Store room 0. Cash cabin shall be Godrej Night latch.(atm 1 No.)	Nos	4.00		
3.5	Supplying and fixing of door stopper SS Grade 304, HESSF-2C hardwyn make.	Nos	5.00		
	TOTAL OF DOOR & ACCESSORIES				
4	WORKING COUNTER				
4.1	CASH COUNTERS	Rft.	5.00		
	Providing and fixing Chief Cash Counter in split-levels @ 2'-6" (height 750mm) & 18" (1140mm) with 2'-6" & 15" wide each respectively . Upper levels having 12mm thick frosted toughened glass (i/c taxes and transportation). Edges of 18" wide counter shall be 12mm thick frosted toughened glass. Lower tier shall be made of 19 mm thick ply wood finished in 1.5mm thick laminate. Exposed edge having steam beech wood edging of size 1 ½" x 1". Vertical face shall have 12mm thick frosted toughened glass as per requirement of design. All exposed surfaces shall be finished with 1.0mm thick laminate of approved shade and colour.				
	1 no. prefabricated metal computer key board tray including drawer slides 12.5" x 22" tray with 14" telescopic slides including L - brackets for securing to the table top. Chest of drawers (size 1'-4" x 2'-0" x 2'- 5") made of 19mm thick commercial ply wood having three drawers finished with 1.0mm thick Laminate on all sides. Each drawer shall have locking system and 6" long S.S. brushed finished handle, drawer slides etc. of approved make. All exposed edges of ply wood sealed with Steam beech wood beading of size ¼" x ¾". All beading and exposed wood shall be melamine polished and the Internal surfaces shall be .75 mm thick laminate.Item includes readymade metal powder coated CPU trolley, grommet, footrest for each seat. All complete as per approval and instructions of the Architect / employer.The rate also include providing and fixing painting a foot rest using hard wood 100 x 25mm size 1st class seasoned country frame.				
	Payment will be made only on the centerline measurement. The rate shall include the cost of providing skirting of 100mm wide lined with 1.0mm thk laminate and providing & fixing a border at top of 100mm wide lined with 1.0mm thk laminate complete. the Internal surfaces shall be .75 mm thick laminate.				
4.2	RUNNING COUNTER	Rft.	18.00		

S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
	Providing and fixing staff counter/SWO in split-levels @ 2'-6" (750 mm) & 3'1" with 2'-6" (750 mm) & 9" wide each respectively . Upper levels having 1 mm thick laminate with 19 mm thick commercial ply top. Lower tier shall be made of 19mm thick ply wood and finished in 1 mm thick laminate. Working top having steam beech wood edging of size 1 ½" x 1". Vertical face shall have 19 mm thick commercial ply over pine wood framework as per requirement of design. All exposed edges of ply wood sealed with Steam beech wood beading of size ¼" x ¾". All exposed surfaces shall be finished with 1.0mm thick laminate of approved shade.				
	The item includes Chest of drawers (size 1'-4" x 2'-0" x 2'- 5") made of 19mm thick commercial ply wood having One drawers at top and a storage cabinet below having shutters of 19mm thick ply wood finished with 1.0mm thick Laminate on all sides. 1 no. prefabricated metal computer key board tray including drawer slides 12.5" x 22" tray with 14" telescopic slides including L – brackets for securing to the table top for each seat. All beading and exposed wood shall be melamine polished and the Internal surfaces shall be .75 mm thick laminate. Item includes 1'-3" high 12mm thick toughened glass above upper tier and readymade metal powder coated CPU trolley, grommet, foot rest for each seat. All complete as per approval and instructions of the Architect / employer.The rate also include providing and fixing painting a foot rest using hard wood 100 x 25mm size 1st class seasoned country frame. Payment will be made only on the centerline measurement.				
	The rate shall include the cost of providing skirting of 100mm wide lined with 1.0mm thk laminate and providing & fixing a border at top of 100mm wide lined with 1.0mm thk laminate complete.				
TOTAL OF WORKING COUNTER					
5	TABLE & FURNITURE				
5.1	MANAGER TABLE (Size:- 6'-0" x 3'-0") ht. 2'-6"	Nos	1.00		
	Providing and fixing tables made out of 19 mm thick commercial ply over hard wood frame work finished with 1 mm thick laminate of approved shade. Top having steam beech wood edging of size 2" x 1 ¾". 10mm thick clear float glass with beveled edges shall be provided on the finished to 19mm thk Comm.ply wood of approved make cladded with 1mm thk. laminate(color with vertical grain) as per design in all visible areas. All the exposed edges to be covered with wooden steam beech lippings and mouldings duly malamine polish. The drawers to be made out of 19mm thk ply wood with 1.0 mm laminate finish in the front , and bottom to be made out of 6mm plywood and it should play in drawer sliding telescopic channels. The inside of the drawer shall be .75 mm thick laminate. & Table back side wil be 1mm laminate. A leg rest to be provided duly polished made out of 3"x2" Wooden Section.The rate inclusive of providing &fixing wooden cabinet to suit the DVR for size 2'X6"X1'9" or as per the requirements)				
	A shutter to be made by 19mm ply wood cladded with1.0mm laminate .The necessary locks handles to be provided in each drawers and shutters. 3" x 1/2" wooden skirting to be provided in all visible areas duly polished. The necessary wire managers(SS) to be provided on the tables and provision for lights to be kept if required in the front of the table. All the exposed areas to be duly malamine polished The work to be completed as per design and approval of the Bank. The table should have key board tray and CPU Trolley to be Modular. All as per the design and instructions Bank the Internal surfaces shall be .75 mm thick laminate.				
5.2	Officer TABLE (Size:- 5'-0" x 2'-6") ht. 2'-6" same as above specification without glass top	Nos	1.00		
5.3	TABLE (Size:- 4'-6" x 2'-6") ht. 2'-6" same as above specification without glass top	Nos	1.00		
5.3	TABLE (Size:- 4'-0" x 2'-0") ht. 2'-6" GUARD TABLE	Nos	1.00		
TOTAL OF TABLE & FURNITURE					

S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
6	STORAGE & SIDE UNIT				
6.1	Side and Back Unit				
	Providing and fixing Side Unit/ Back unit 400 mm depth made out of 19mm ply wood finished with 1.0mm laminate in all exposed areas and top shall be 1 mm thick . The drawers to be made out of 19mm commercial plywood and cladded with 1.0mm laminate and bottom made out of 6mm comm ply duly painted in matching tone and it should play on drawer sliding channels . The shutters to be made out of 19mm commercial ply wood and should play on drawer sliding castors on powder coated channels. The necessary locks , handles, etc to be provided . 3" x1/2 wooden skirting to be provided duly polished as per matching tone all along the visible areas . Inside of the unit shall be .75 mm thick laminate. in matching tone . All the exposed edges of the boards/ply woods to be covered with woden lippings/mouldings duly polished all complete. The work to be completed as per approval and specification of the Architect.	Nos	2.00		
6.2	Low / FULL HT cabinet	Sq.Ft.	50.00		
	Providing and fixing Full /Low height Cabiner400mm deep made out of 19mm thk plywood finished with 1.0mm laminate in all exposed areas . The Shutter to be made out of 19mm ply wood in the front cladded with 1.0mm laminate(color, vertical grain) . and bottom made out of 6mm plywood duly painted in matching tone and shelves 19mm thk comm ply wood to fixed inside storage. The shutters to be made out of 19mm ply wood . The necessary locks , handles, etc to be provided . 3" x1/2 wooden skirting to be provided duly polished as per matching tone all along the visible areas . Inside of the unit shall be .75 mm thick laminate finish . All the exposed edeges of the boards/plywoods to be coverd with wooden lippings/mouldings duly polished all complete.All as per the design and instructions Bank.				
6.3	Main Electrical Panel Cabinet	Sq.Ft.	35.00		
	Providing and fixing of DB Shuttering formed of 12mm thk plywood wood on 12mm thick Gypsum board (fire Proof) with finsih as per Item no 1 for inside and out side shutters finished with laminate on outer surface with SS (4Nos) louvre perforation and necessary hardware,hinges etc complete as per details. All as per the design and instructions Bank. Only front face taken for measurment only				
TOTAL OF STORAGE & SIDE UNIT					
7	OTHER MISCELLANEOUS ITEMS				
7.1	PIN UP / NOTICE BOARD				
	Providing and fixing soft board with necessary framework with 12mm BWR plywood on top 12 jolly board to be fixed finished with fabric @Rs80 , with necessary mouldings duly polished along the periferi. All as per the design and instructions Bank.	Sq.Ft.	24.00		
7.4	WRITING LEDGER	NO	1.00		
	Providing and fixing writing ledge as per design minium 5 ft length made out 19mm comm. board with necessary grove patterns with 1.0mm laminate. 10mm thk machine polished glass to be provided on top of the writing ledge. Small boxes to be made out of 12mm comm. ply to be made on top of the writing ledge finished with 1.0 mm laminate, inside surfaces shall be .75 mm thick laminate. and rate should be included .The work to be completed as per design and approval of the architect.				
7.4	Cheque box	NO	1.00		
	providing fixing of Cheque deposit box as per approval of bank .The work to be completed as per design and approval of the architect.				
7.4	sugestion box	NO	1.00		
	providing fixing of sugestion box as per approval of bank .The work to be completed as per design and approval of the architect.				

S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
7.5	Outer Shutter Boxing				
	P & F shutter boxing made of 19 m.m. phenol bonded ply IS 303 grade including hatch fir pulling down & up the rolling shutter.The box to be laminated with aluminium composite panel of 3.0 m.m. completed to the satisfaction of architect.Front surface will be taken for measurement only.	Sq.Ft.	120.00		
7.6	WOODEN COLUMN PANELLING	Sq.Ft.	309.00		
	Wall panneling in manager cabin only				
	Fabricating and fixing wall/column paneling, the framing shall made out of aluminium hollow section of 65mm x 37mm size 1.5mm thick of JINDAL / INDAL at spacing not exceeding 600mm bothways (horizontal and vertical). Paneling framework to be secured to wall surface/column surface.Paneling framework to be clad on one side with 9mm thick ply finished with 1.0mm thk laminate including skirting of 100mm high & 12mm x 12mm groove at skirting level. All as per the design and instructions Bank. Only visible surface will be taken for measurement only.				
7.7	ROLLING/ VERTICAL BLINDS	Sq.Ft.	0.00		
	Providing and fixing Roller blinds of approved design and shade by the Architect,incl all std fittings as per manufacturer's specification. The work to be completed as per specification and approval of the architect. (approved brand Vista, Hunter Dogulus)				
7.8	Customer Table - (4'-0" X 2'-6")	No	1		
	Providing and making a table of over all size of top as mentioned above. It shall consist of ¾" thk. Comm. Ply top as per design (double edge on outer edge with 1 1/2" thk half moulding on the edges) supported on ¾" thk. Comm. Ply verticals.supported on wooden base (as designed by the architect). Suitable wooden moulding as architect design with mellamine shall be provided to the edge of the top. All external surfaces to be finished in 1 mm laminate. & the Internal surfaces shall be .75 mm thick laminate.				
7.90	PAINTING PLASTIC PAINT	Sq.Ft.	500.00		
a	Applying 2 Coat putty with primer and Providing and applying Plastic emulsion paint (asian) of approved make and shade on walls including scrapping off, preparing the base & applying 3 or more coats of approved make, color and shade to give an even and smooth surface on new work including necessary scaffolding, coat of cement primer etc. all complete as per direction of Bank. (only banking hall.)				
b	Applying 2 coat of Plastic emulsion paint (asian) of approved make and shade on walls including scrapping off, preparing the base ect color and shade to give an even and smooth surface on new work including necessary scaffolding, coat of cement primer etc. all complete as per direction of Bank. (Other than banking hall.)	Sq.Ft.	1500.00		
7.11	ENAMEL PAINT	Sq.Ft.	550.00		
	Providing & applying 1 st quality oil paint of approved make, quality & shade. The rate shall include scrapping, levelling & preparing the surface with primer quote.				
7.12	EXTERIOR GRADE CEMENT PAINT	Sq.Ft.	500.00		
a.	UP TO 10 FEET HEIGHT				
	Providing & applying exterior grade cement paint of approved quality, make & shade, after scrapping the surface with wire brush & then applying (minimum) 3 coats of paint as directed by Bank / Architects.				
	TOTAL OF OTHER MISCELLANEOUS ITEMS				
	GRAND TOTAL FOR FURNISHING (A)				

BLANK B.O.Q OF ELECTRICAL WORK FOR INDIAN BANK BRANCH AT BACHRAWAN					
B	SCHEDULE - 'B' (ELECTRICAL WORK)				
SL No	PARTICULARS	UNIT	QTY	RATE	AMT
1	ELECTRICAL WIRING & EARTHING				
1.1	Supply, laying, connection & testing of light, fan point, wiring by 2x1.5mmsq(2x3/.029) +1x1mmsq PVC insulated, multistrand single core copper conductor FRLS wire maintaining the colour code as per direction in PVC conduit of 20mm with ISI mark 1.5mm thickness to conceal in wall partition mending good the damage, complete with PVC circular box, bend to be done as per drawing including 3 point ceiling rows wherever required GI saddle to be used for fixing, metal flexible/PVC flexible pipe may use if required in partition wall. All PVC pipes should be with ISI mark. No joints will be allowed inside pipe, light, fan & plug point complete with modular type switch plate & MS box . rate Including the main circuit line 2x2.5mmsq+1x1.5mmsq earth PVC insulated Cu. Wire from DB to switch board ,maintaining the colour code. Circuit line for lighting switch board & 6Amps plug board are to be drawn from lighting DB to Lighting board & plug point board (independent), 6/16 Amps plug point line are to be draw from power DB.as per DBschedule /SLD				
a)	1 light by 1 switch (ATM 1 No), UPS Pt 3 In branch 1 in ATM	Nos.	28		
b)	2 light by 1 switch	Nos.	15		
c)	3 light by 1 switch	Nos.	0		
e)	Ceiling fan point with step type electronic regulator	No	4		
f)	Same as above, but for exhaust fan excluding regulator.	No	2		
g)	Same as above 5A Point in the switchboard itself. (for branch 4 No & ATM 1 No)	No	8		
h)	same as above Wiring for call-bell point including buzzer	No	1		
i)	Wiring (2x2.5mmsq+1x1.5mmsq from power DBs) for independent 6A multi pin socket at walls along with 6A modular type switches board housed in painted MS box (upto 3 independent plug points can be taken in one circuit). For wall Fan	No	8		
1.2	Supply and installation of modular type 2 nos 6A & multi pin sockets with 2 nos 6 Amp one way switch housed in MS box to be fixed in partitions or concealed in wall. The box shall be painted with 2 coats of enamel paint over a coat of red oxide primer including wiring for Raw power socket outlet using 2 R runs of 2.50 Sqmm and single run of 1.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 20mm PVC conduit to be laid in floor, partitions, etc. complete with all accessories (looping 2 sets of 2x6A socket outlet in one circuit- from DB) (Raw power). for counter (Each counter 1 Nos +BM :2 Nos, ATM 1No:, Pantry 1No.:)	No	8		

1.3	Supply and installation modular type 16A, 5-pin socket with 16A one way switch housed in MS box to be fixed in partitions or concealed in wall. The box shall be painted with 2 coats of enamel paint over a coat of red oxide primer , the rate shall include wiring fusing 2R 4.0 sqmm & single run of 2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories (for line printer : or optional).(upto 2 independent plug points can be taken in one circuit) C.C :1No. BM.;1 No.: Alternative counter 2No + Banking Hall 1 No+ Pantry 1No ,ATM :1No)	Nos.	8		
1.4	Supply and installation of power supply disconnection arrangement for strong room consisting of 1 no 10A DP MCB housed in manufacturer's powder coated MS box to be fixed inside the strong room and connected with 1 no 3-pin metal clad plug with 2 metre long 3 core 2.5 sqmm PVC insulated flexible copper conductor cable.	Set	1.00		
1.5	Acs electrification :-				
(a)	Supply and fixing 25 Amps 3-pin modular socket with 25 Amp one way switch with indicator (near AC indoor unit) housed in manufacturers MS powder coated box to be concealed in wall including Wiring using 2R4.0 sqmm & single run of 2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories. (for split AC units) -(from Stabilizer to IDU)Supply. (2 Nos for ATM), Stablizer to be installed in the panel room.	Nos	4		
(b)	Supply and fixing 25 Amp - 3 pin metal clad socket with plug controlled by a 25 Amp SP MCB (for Ac wall mounted stabilizers) housed in manufacturers MS powder coated box to be concealed in wall including Wiring using 2R 4.0 sqmm & single run of 2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories. (for split AC units) from AC DB to Stablizer (2 Nos for ATM)	Nos	4		
(c)	Supply and fixing 20A 3-pin modular socket with 20A one way switch with indicator (near AC indoor unit) housed in manufacturers MS powder coated box to be concealed in wall including Wiring using 2R 2.5 sqmm & single run of 2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories. (for split AC units) -(from Stabilizer to IDU)Supply.Stablizer to be installed in the panel room.	Nos	2		
(d)	Supply and fixing 20A - 3 pin metal clad socket with plug controlled by a 20A SP MCB (for Ac wall mounted stabilizers) housed in manufacturers MS powder coated box to be concealed in wall including Wiring using 2R 2.5 sqmm & single run of 2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories. (for split AC units) from AC DB to Stablizer	Nos	2		
2	LAYING OF CABLE :				
2.1	Supply laying fixing main power with 50mm sq 3.5 core PVC insulated,PVC sheated Alu.Conductor, 1100 v. grade armoured cable complete with 02 nos 8 SWG bear GI.wire as running earth .(Meter panel to Main Panel & Dgset to Main Panel)	Mts.	0		
2.2	End termination of 50mmsq 3.5 Core armoured cable,complete with brass cable gland , Alu. Lug, PVC tape.	Nos	0		
2.3	- Do - 3.5 x 16 sqmm with 02 nos 8 SWG bear GI.wire as running earth. for Light D.B	Mts	25		

2.4	- Do - 3.5 x 25 sqmmth with 02 nos 8 SWG bear GI.wire as running earth. for POWER & A.C D.B , UPS & ATM	Mts	15		
2.5	- Do - termination of 25 & 16 Sqmm 3.5 Core	Nos	50		
3	Out door type glow sign board wiring :-				
3.1	Supply laying of main line with 2x2.5 +1x1.5 mmsq through MS conduite from main panal to glow sign board.	Mts	25		
3.2	Supply installation of 16 amps DP MCB at main entrance Glow sign board & With Electronic timer as required.	Set	1		
4	EARTHING STATION :				
(i)	Earthing installation as per I.E. rule conforming	Set	2		
	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copperbonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-toConductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).				
(ii)	Supply laying 2x8SWG copper bear wire from earth spike to main panal.(Electrolite wire)	Mts	30		
5	MAIN ELECTRICAL DISTRIBUTION				
5.1	Main Panel (wall Mounted Type)				
	Supply, fabricating,assembling,internal- connection, testing & conncting with incomming, out going power cables & lines as required to complete the job of cubical type electrical panal made from 14SWG CRC. M.S. sheet with proper earthing terminal(Nut- bolt &washer) 02 No.outside of panal, same nut- bolt to tighten with internal earth busbar of panal situated inside loose wire box(on top portion of panel) On top side of panel cable entry arragement to be done for incomming & out going of lines. Painting powder coating electrical grey/seimensgrey to be done.one 6"x4" enamel type 440Volt Danger board to fix up on main panal bus-bar cover, components are as follows :-All switches are front handle operated & all MCB knob should be visual, all component to provide in separate compartment only DBs in one compartment.				
	Incomer - 100A 4P MCCB 25Ka with adjustable thermal & Magnetic trip unit -1 Nos				
	OUTGOINGS -				
	63 Amps 4 pole MCB. = 04 Nos.(AC & Power DB,ATM ,UPS,spare) 40 Amp 4 Pole MCB :2 nos (Lighting DB,Spare) 25 Amps DP MCB=02 Nos.(sign board , Fire Alarm) Amps Meter 0-100 Amps with 3 Nos. CT & selector switch 96x96mm 01 Set (Changeover should be ON-LOAD type.)				
	100Amps 4pole Cu. Bus Bar. 01 Set. 100Amps 4 pole Change over switch. 01 No. 100 Amps FP MCCB 25KA as Gen - Set main incoming 01 NO.				
	Volt meter 0-500volt A.C. 50 Hz.96x96mm with selector switch. AE make.n 01 Set				
	20mmdia LED indicator lamp 03 Nos.				
	02 Amps Sliding Fuse. 06 Set.				
	150x100mm enamel Danger board 440 volt. (to set on bus bar cover). 01 No.				

	Cable entry from top & bottom - removable gland plates (bottom at 2 points) c/w powder coated Grey paint (two coats) with name labels for all incoming & outgoing feeders. The panel shall be complete in all respects including all accessories such as earthing bus, Air ventilators, lifting hooks etc.	Set	1		
5.2	S/F of 3 nos. 100Amps Kit kat set link type with heavy duty neutral link and making its connection from electronic meter c/w wooden board etc.	Set	1		
	POWER DB & AC DB. Make standard/Legrand/ABB ,Double door 6 way TPN MCB DB with TP MCB as incoming				
	63 TP&N MCB as main				
5.3	16Amps SP MCB - 8 Nos (Ac :3 Nos + 2X6amp : 4Nos and 1Nos spare) +32AMPS SP X10 NOS. (Ac 3 Nos+15 Amp: 6 Nos, 1No Spare) including Neutral Bar. 01 Set	Set	1		
	LIGHTING DB Make standard/Legrand/ABB 6 way TPN MCB DB with TP MCB as incoming				
	63A TP&N MCB as main				
	32 AMPS DB MCB 1No: For Strong room)				
	16 Amps SP MCB - 03 Nos.+ (BM +Toilet) each 1No + 1No spare				
5.4	12 Amps SP MCB - 12 Nos. (Hall - 4Nos + Store room 1 No +Exteranl Lighting 1No.:+ Ups 1No + wall Fan 3 Nos.2 No spare) Including Neutral Bar. 01 Set	Set	1		
6	UPS SYSTEM (Branch)				
6.1	UPS Main DB Supply, erection, testing and commissioning of three phase 4 WAY, TPN MCB DB double door type with "C" Curve MCBs, IP 42 powder coated for UPS with 63A 4P MCBs - 1No as INCOMER 32A TP MCBs - 3 Nos. as OUTGOING (UPS :2Nos and 1 set ,: Spare Including all interconnections & accessories etc Make standard/Legrand/ABB	Nos	1		
6.2	Supply & Fixing of 32A DP MCB in 2way SPN Db IP 20 metallic directly on wall Raw power Incoming & OutGoing supply for UPS (Branch :2 Nos & ATM 1No.)	Nos	2		
6.3	UPS DB-1 & 2 combined				
	12 Way SPN MCB DB with 'C' curve MCBs. Incoming : 2 No. 40A DP MCB Outgoing : 8 Nos 6/10A (BM: 1+1 Nos with lighting : Server & Data Rack (1+1) Nos:C.C 2Nos with lighting :counter :2 Nos) SPO MCBs Make standard/Legrand/ABB . Repective UPS lighting to be connected.(BM,C.C,Banking hall 2Nos) or as per SLD	Nos	1		
6.4	Supply and installation of modular type 3 nos 6A multi pin sockets with 2 nos 6A one way switch with indicator housed in MS box to be fixed in partitions or concealed in wall. The box shall be painted with 2 coats of enamel paint over a coat of red oxide primer including making connections complete the rate inclusive of Supplying and running of 3 runs of 2.5 sq.mm UPS DB's to individual powerstation through .(looping 2 sets of 3X6 A socket outlet in one circuit / or as per SLD the following size of 660 volts grade, Finolex brand PVC insulated wire (For UPS point only).(For B.M,C.C,Sever each 2Nos.) +5 Nos for Counter+Rack 1Nos)	Nos	12.00		
6.5	Supply & Laying of 4 runs of 6.0 Sqmm and 2 runs of 2.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid / flexible metal conduit from MainUPS DB to auto phase shifter.	mtr	10.00		

6.6	Supply, installation, testing and commissioning of 40A rated 3 phase to single phase auto phase shifter for 3.0 KVA UPS (SLHD of Swift make)	Nos	2.00		
6.7	Supply & Laying of 2 runs of 6.0 Sqmm and 1 run of 2.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid PVC conduit from automatch phase shifter to UPS unit	mtr	10.00		
6.8	Supply and Installation of Moduler type 2 X 20A plug & socket housed in for UPS output control (Branch 2 Nos & ATM 1No.)	Nos	4.00		
6.9	Supply & Laying of 2 runs of 4.0 Sqmm and 1 run of 2.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid / flexible metal conduit from 3 KVA UPS to UPS DB	mtr	10.00		
7	DISTRIBUTION BOARDS .Make standard/Legrand/ABB for ATM				
7.1	Main DB :S/I of 4 way TPN DB approved brand legrand /Standard/ABB with 63 Amp 4p Isolator				
	63A FOUR POLE Isolator as main (incomer) 32 A 3 POLE MCB 2 NOS (for UPS-1 & Power & Lighting -1Nos)				
	10 Amps SP MCB 1 NO FOR LIGHT AND 10A SP MCB 2NOS FOR POWER. 2 No. 20 AMP MCB SP FOR SPLIT AC.and 1 No 10 Amp spare Or as per SLD				
	including Neutral Bar. 01 Set	Set	1		
7.2	UPS DB : 8 WAY SPN DB FOR UPS ,				
	32AMP DP 2 Nos (1 No for Incoming)				
	10A SP MCB 1 NO FOR UPS LIGHT, 16A SP MCB 2NOS FOR ATM , 1No16A MCB FOR CCTV power point and 2 Nos Spare or as per SLD	Set	1		
7.5	Supply & Laying of 2 runs of 4.0 Sqmm and 1 run of 2.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid / flexible metal conduit from UPS out put / Input control to UPS DB	mtr	10		
8	as stated item No. :1,1 but UPS lighting, 6/16 Amps plug point line are				
a)	1 light by 1 switch (ATM 1No & branch 3No)	Nos.	0		
b)	Wiring (2x2.5mmsq+1x1.5mmsq from power DBs) for independant 2X6A multi pin socket along with 6A modular type switches housed in painted MS box. For ATM CCTV UPS	No	2.00		
9	Supply and installation modular type 16A, 5-16 pin socket with 16A one way switch housed in MS box to be fixed in partitions or concealed in wall. The box shall be painted with 2 coats of enamel paint over a coat of red oxide primer , the rate shall include wiring fusing 2R 4.0 sqmm & single run of 2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories.(UPS wiring for ATM) one circuit for one 16 amps pin socket .The rate inclusive of machine cutting the tiles from ATM power input to the ATM and laying of 25mm Upvc sleeves in order to run th wire with concealed manner. No power point shall be visible from ATM room inside.(From ATM UPS)	Nos.	2		
10	Earthing				
10.1	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copperbonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-toConductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	No.	2.00		
10.2	1 run of 7 /20 PVC insulated wire along with PVC conduits for earthing.	mts	20.00		
	sub total I				
8	ELECTRICAL FITTINGS (S/I/T/C				

8.1	Supply and Installation Recess mounted 2'-0"X2'-0" watt ,38 W LED FULL GLOW Philips MAKE . Light should be fixed through SS threaded bolt tightened the upper end on ceiling using anchor bolt and lower end on Light fitting with nut and bolt (RC380B G2 LED35S-6500/4000 PSU OD WH) PHILIPS/WIPRO MAKE	Nos.	14		
8.3	SQUARE SHAPE DOWNLIGHTER - INTEGRA 15W, 3000K, LHEBGTP5Z1W015, PHILIPS Razor/WIPRO MAKE (ATM 2NOS)	Nos.	30		
8.4	TUBELIGHT - T5 LED TUBELIGHT 20 W, LHLDCNVENL8Z018, PHILIPS/WIPRO MAKE. ATM 1 No	Nos	10		
8.5	BULB HOLDER - LHECDOL5PW1W040 (40WATTS), PHILIPS/WIPRO MAKE	NOS.	4		
8.6	150 mm dia Heavy Duty Exhaust fan 230 volt A.C.(Havells / Crompton make).(UPS & Toilet)	Nos	2		
8.7	Metal body Wall mounting fan 450 mm dia 230 volt A.C. PHILIPS/WIPRO MAKE	Nos.	8		
8.8	Supply of Ceiling fan with 1200mm sweep, double ball bearing motor, capacitor, three MS blades die cast Al housing in stove enameled white with, suspension rod including all accessories of approved make.(5 star rated) (ORIENT/KHAITAN).(UPS,Strong room & Store room)	Nos.	4		
SUB TOTAL					
TOTAL FOR ELECTRICAL WORK (B)					
SCHEDULE - 'C' (LAN & TELEPHONE WORK)					
S.NO.	DESCRIPTION	UNIT	QTY.		
C	Supplying & fixing 20 pair krone tag block with enclosure. FOR safety of ATM ups points SWITCH SOCKET ENCLOSURE	Nos.	2		
2.0	DATA SYSTEM - CONDUITING & CABLING				
2.2	Wiring for computer networking from I/O hub to computer workstation with UTP Cat-6 computer cable including providing ferrules at both ends and termination at both ends including providing & fixing frame for with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes providing PVC conduits (1/2", 3/4" size or as required) in chases from the I/O hub to the point. The cost includes testing, commissioning etc complete. Note : Do not run more than 3 wire in single pipe & should be concealed. (Server,BM,CC & ATM each 2Nos and counter 5Nos)	Nos.	12		
2.3	Supply of Cat - 6 D-Link patch cord 7' 0" (ATM 1No)	Nos.	12		
2.4	Supply of Cat - 6 D-Link patch cord 3' 0"(ATM 2No)	Nos.	12		
2.5	Supply & fixing 24 Port Jack Panel Make:-D-Link	Nos.	1		
2.6	19" Rack 9U with Glass Door , Locking system Make: APW	Nos.	1		
2.7	24PORT 10/100Mbps Switch	Nos.	0		
GRAND TOTAL FOR LAN & TELEPHONE (C)					

LIST OF APPROVED AND NOMINATED MANUFACTURERS / SUPPLIERS OF MATERIALS FOR BANK

S.NO.	MATERIALS	APPROVED BRANDS
1	False Ceiling & Cornices	India Gypsum, Armstrong
2	Aluminium Fram	Jindal, Hindalco
2	Wood Framework: All wood must be well seasoned, free from knots, other defects.	Meranti (seasoned) with two coats of wood preservative
3	Wood skirting /mouldings, Lipping /beading	Steam beech/ Mahogany/ Teak wood
4	BWP Marine Ply wood (IS: 710)	Green ply/ Archid/ Century
5	Laminate	Century/ Archid/ Greenlam/ Sunmica
6	Veneer	Century/ Archid/ Greenlam
7	Wood Preservative	STP- Pentaphene pale / Termination Tor (Pidilite)
8	Adhesive	Fevicol SH (Pidilite) / Araldite/ SR- 998/ Century – SH
9	Door Closer	Dorset/ ozone/
10	Floor Spring	Dorma/ ozone
11	Door Lock	Ozone / Hattich/ Godrej
12	Drawer Lock	Ozone / Hattich/ Godrej
13	Hardware	GKW
14	Hinges	Ozone / CIEF/ Ebco
15	Screws	GKW/ Nettle fold
16	Carpet	Interface/ Shaw
17	Vertical blinds	MAC decor/ Vista levolor
18	Sun Control Film	3M or equivalent
19	Soft Board / Display Board	Jolly board
20	Paints	Berger/ Asian/ Nerolac
21	Texture paint	Spectrum/ Oikos
22	Ceramic Tiles	Orientalbell , Nitco, , Kajiria
23	Vitrified tiles	Orientalbell , Nitco, , Kajiria
24	Glass & Mirror	Modi Guard/ Saint gobain, Ashai
25	Handle	Stainless steel finish Neki / Hassely/ Hattich
26	MDF Boards	Greenpanel max/ Archid/ Merino
27	Wooden flooring	Green panel max, Archid, Pergo
28	PVC flooring	Armstrong/ Krishna vinyl
29	Sanitary fittings	Toto/ Roca/ Kohler/ Grohe / Jaquar
30		AFC/ Monarch/ PSL/ SPACEWOOD/ STEELCASE

LIST OF APPROVED AND NOMINATED MANUFACTURERS / SUPPLIERS OF MATERIALS FOR BANK UTTAR PRADESH.

S.NO.	MATERIALS	APPROVED BRANDS
1	PVC fittings	Polycab/ AKG / Precision
2	Wires – PVC insulated copper	Finolex/ Rallison/Polycab/Skytone
3	Cables (armored)	Gloster / Rallison / Havells
4	A.C Starter, Plug Socket	Crabtree / Northwest/ Legrand
5	Light & Power switch socket	Crabtree / Northwest /Philips
6	Telephone Socket	RJ-11 Crabtree/ Philips/MK
7	DB MCB	Legrand/ Hager/ Standard/ Schneider
8	MCB	Legrand/ Havells/ Hager/ Schneider
9	Telephone cable	0.51 Netco / Delton / National
10	Light fitting	PHILIPS/Wipro/Havells
11	Fuse Switch	L&T / Havell's
12	Telephone Connector	Corn
13	Ceiling/ Wall fan	Crompton / Orient / Khaitan
14	Exhaust fan	Crompton / Orient / Khaitan
15	P.V.C tape	Steel Greep
16	Call bell	Max
17	Cable Lug	Dowell's
18	Cable gland	Brass heavy type good quality
19	Distribution board	L&T/ Havells,legrand
20	MS conduit	Heavy duty with ISI mark 16 SWG
21	Starter & single phasing preventer	SEIMENS
22	SPN, TPN, Sheet metal	Havell's / Legrand
23	Pipe Metal	M.S Conduit 16 S.W.G
24	Metal Pipe Fittings	Cast iron with thread & inspection cover
25	Pipe PVC (Rigid Conduit)	AKG / Polypack/Super/Precision
26	PVC fitting for Rigid	-Do-

Contractor sign

27	PVC Roll Pipe	Super Dalda or equivalent heavy guage
28	PVC Casing & Casing Fittings	Good quality heavy guage (colour white)
29	Lugs	Dowells
30	Terminals	Essen/Elmex
31	Burglar alarm	Godrej/ Globe detective
32	E-cat 6 Patch panel	Schneider Electric/ Avaya
33	P.A. System	Bosch/ Ahuja
34	CCTV camera	Sony/ Bosch
35	CCTV camera wiring	Crompton/ KEI
36	UPS wiring	Crompton/KEI
37	Aluminum ducting sheet	Jindal/ SAIL
38	AC	Blue Star/ Hitachi/ Daikin Only Copper Coil (Minimum 3 Star rated)
39		

NOTE:-

1. In case of unavailability of any material of specific make an equivalent make can be used only after a written approval of the Architect / Bank. The preference of make/brand of the material listed above will be decided by the Architect/ Bank. The make/brand of any item will be as mentioned in the drawings issued by the Architect.

2. The contractor shall provide samples of all materials mentioned in the list of makes as required by the Architect. A written approval of these samples shall be sought prior to commencement of any work. Architect / Bank reserves the right to enquire the genuineness of any material used at site directly from the manufacturer/dealer.