

BOQ OF INTERIOR & FURNISHING WORKS FOR STATE BANK OF INDIA BRANCH AT LOK VIHAR, PITAMPURA,NEW DELHI.					
S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
	INTERIOR WORKS (PART-A)				
1.0	PARTITIONS & DOORS				
	Measurement of height shall be taken from finished floor level up to the level of false ceiling, in case of varying heights on either side of partition, average height shall be considered. The rate to include provision of extra frame work as necessary for skirting and making openings for glazing & door etc.,cutouts for electrical switch plates, switch boxes, light fittings light etc. making provision for laying conduits as per drawings & directions.All wooden surface/ply with anti termite treatment properly.				
a	P/F Solid Full Height Partition consisting of Aluminium hollow section of 65mm x 37mm size,1.5mm thick of JINDAL/INDAL as internal frame structure at required spacing but not exceeding 600mm centre to centre in either direction vertical and horizontal direction and vertical member to be in one piece fixed to floor & ceiling by means of rawl plug/dash fasteners on both ends, 11mm thk.MDF to be fixed on both sides till roof height.i/c P/F of 1mm thk.high gloss laminate on both side of partition till false ceiling level,P/Making of 5mm thk.grooves as per instructions.Partition to have 100mm high super gloss laminate band of different shade,as per appvd.shade,at skirting level on both sides of partition,Item includes melamine polish on the wood surfaces & finishing of grooves with polish etc.Rest of specifications same as main specifications of partitions,complete to the satisfaction of the Architect/Bank's Eng.	Sq.Mt.	16.0		
b	P/F Partly Glazed Full Height Partition consisting of Aluminium hollow section of 65mm x 37mm size,1.5mm thk.of JINDAL/INDAL as internal frame structure at required spacing but not exceeding 600mm centre to centre in either direction vertical and horizontal direction and vertical member to be in one piece fixed to floor & ceiling by means of rawl plug/dash fasteners on both ends, 11mm thk. MDF to be fixed on both sides till roof height.including P/F of 1mm thk.high gloss laminate on both side of partition till false ceiling level,providing & making of 5mm thick grooves as per instructions and Partition to have 100mm high high gloss laminate band of different shade as per appvd.shade at skirting on both sides of partition, Item includes melamine polish on the wood surfaces and finishing of grooves with polish etc. The rate to include P/f 10/12mm thk.etched plate glass to be fixed with wooden moulding as per design etching to be p/f with digital glass film as per appvd.design.Rest of specifications same as main specifications of partitions, complete to the satisfaction of the Architect/Bank's Eng.	Sqmt.	24.0		
c	Same as item 1(a) above but Partition finished with1.0mm thick high gloss laminate One side and other side 6mm Thk.CNC HDHMR Board (As per Design) above 12 mm thick base HDHMR, finished with Royale Matt PU Polish. of approved shade with groove pattern as per instructions of architect / engineer - in- charge.	Sqmt.	0.0		
d	Full Height Partitions (Fully Panelled) In 12 Mm Thk Gypsum Board.				

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
i)	P/F 75mm thick full height partition fabricated out of G.I.frame work complete with P/F 12mm thick gypsum sheet on one side over the frame work & 1mm thick high gloss laminate on other side over 11mm MDF Board over G.I. frame work & P/A 2-3 coats of OBD on gypsum surface as per approved shade.	Sq.Mt.	31.0		
ii)	P/F 75mm thick full height Gypsum partition fabricated out of G.I.frame work complete with P/F 12mm thick gypsum sheet on both side over the G.I. frame work complete with P/A 2-3 coats of OBD on both sides as per appvd.sample.	Sq.Mt.	0		
e	P/F 12mm toughend Fixed Glass Glazing fixed with S.S. clamps on sides and top & S.S. u-channel in the ground as per detail drgs. and complete to the satisfaction of Architect/ Bank's Engineer.	Sq.Mt.	21.0		
f	P/F front Frameless Patch Fitting Door with 12mm thk.toughened glass with frame less glass fittings joining 2 glass & double action floor springs (Hettich/Dorma/Godrej) as per design. The item includes providing and fixing S.S. handle not less than 600mm long on both side of glass, locks and fittings (Haffle/ Hettich/ Ozone) as per the manufacturer's specifications etc. complete to the satisfaction of Architect/ Bank's Engineer.	Sq.Mt.	14.0		
g	P/F Low Height Partition with same specifications as item no.1(a) above but with 12mm etched toughened glass above 3' 0" fixed as per design/ details, height of partition to be 1220mm, item is with 38x95mm teak wood moulding on top and side edges of partition complete with DUCO paint/ melamine polish 2-3 coats including proper base etc. complete to the satisfaction of the Architect / Bank's Engineer.	Sq.Mt.	12.0		
h	Providing and fixing 12mm thk.etched Toughened Float Glass in front portion and horizontal of banking counter with SS metal clamps including cutouts for passing currency and communication as per details. The edges of the glass to be polished etc. complete to the satisfaction of Architect/ Bank's Engineer.				
i)	FRONT	Sq.Mt.	3.5		
ii)	HORIZONTAL	Sq.Mt.	3		
i	P/F Partly Glazed Door with 75x50 mm teak wood frame (chaukhat). finished with 1.0mm thick high gloss laminate on both sides. Item includes P/fixing 6mm etched glass fixed with teak wood beading 14x12mm. The door is to be complete with 7 lever mortice door lock & a pair of S.S.handle ,S.S stopper, 4 No.s 125mm S.S. hinges (Hettich/ Dorma/ Ozone) etc. All wood surfaces to be melamine polished complete to the satisfaction of Architect / Bank's Engineer.	Sq.Mt.	4.0		
j	Providing & fixing 35mm Water Proof Flush Doors with 1.0mm thk.high gloss laminate on both sides as per appvd. sample. The item includes providing and fixing chaukhat made from 100mmx50mm teak wood members. The Doors to have all hardware fittings such as 4 No.s 125mm SS hinges, SS handles, 150mm SS tower bolts,7 lever mortice locks with SS handles (Dorma/ Hettich/ Godrej) etc. complete to the satisfaction of Architects/ Bank's Engineer.	Sq.Mt.	13.5		

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
k	P/F Door Closers for door (Hettich/ Haffele/ Dorma/ Godrej) including cutting and fixing, covering plate and all associated hardware etc. complete to the satisfaction of Architect/Bank's Engineer.	Nos.	7.0		
I	Laminate on Existing Doors.				
	Extra for P/fixing 3mm thick MR Ply on both sides of existing doors complete with T.W. Beading & edging 38x19mm finished with 1.0mm thick high gloss laminate on both side Complete with P/F Baby latch with S.S pair of handles of Godrej in toilet & pantry and 7 lever mortise lock of Godrej on all other doors as per approved Make.	Sq.Mt.	7		
k	P/F Flap door fabricated out of 25mm th. MR Ply finished with 1.0mm thick high gloss laminate on both sides complete with SBW edging 25x12mm thick & mortise lock with handle and 100mm SS hinges (3no's) complete with polish on exposed wood surface.	Sq.Mt.	1		
	SUB TOTAL : I : PARTITIONS AND DOORS				
2.0	PANELLING				
	Measurment of height to be taken from finished floor level to level of false ceiling				
	NOTE: Rate to be inclusive of dismentling & stacking of the dismantled material & handing over to Bank & disposal of malba and unserviceable material to municipal dumping ground.				
a	P/F Panelling with Laminate consisting of Aluminium frame work with 50 x 25 mm of including fixed to wall,at a spacing of not more than 600 mm c/c in both ways or as per site inclusive of skirting which will have two member of 50x25mm, finished with 11mm thk. MDF .The ply to be covered with 1.0mm thk. high gloss laminate in two or more colour with 5mm thick grooves ,Panelling to have 50x35mm teak wood moulding on edges. Panelling to have 100 mm high teak wood DUCO painted Blue/Teak/high gloss laminate band at skirting including moulding and provision of extra frame work as necessary for skirting and making cutouts for electrical switch plates, switch boxes, light fittings light etc. making provision for laying conduits as per drawings & directions etc. complete to the satisfaction of the Architect /Bank's Engineer.	Sq.Mt.	135.0		
b	P/F Ventura Duo Moulding as per arch.drg.in meeting room & behind counter complete with duco finish.	Rmt	14.0		
c	Extra for P/F CNC Cutting as per appvd.sample over 1mm thick high gloss laminate as per approved shade complete with duco finish as per appvd.shade.	Sq.Mt.	8.0		
d	Extra for with P/F 4mm plain lacquered glass as per appvd. Sample over item no.2 fixed and pressed with silikon on col's and boxing as per arch.drg.	Sq.Mt.	4.0		
e	Extra for with P/F 8mm patterned/digital printed lacquered glass as per appvd. Sample over item no.2 fixed and pressed with silikon.	Sq.Mt.	6.0		

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
f	Providing and fixing in position Aluminium Composite Paneling (ACP) for Cladding with framing of aluminium tube section of min. 50mmx25mm and 20 gauge at a spacing of 600mm center to center both ways. ACP to be of approved shade in 600mm wide panels or distributed equally. ACP sheets to be fixed to the frame with 3M make adhesive along with mirror screws. Joints to be finished with silicon based sealant. ACP sheets (Aludecor/ Eurobond/ Fujibond/ Alcobond) to be min. 3mm thick with aluminum foil thickness to be min. 0.25mm on both sides. Item includes providing additional sections to fix indoor AC units which will be installed at the highest position etc. complete as per instructions of Architect/ Bank's Engineer. Item includes scaffolding as may be required etc. complete as per site conditions. (In Premises Front Area & ATM Internal Area)	Sq.Mt.	32.0		
	SUB TOTAL : II : PANELLING				
3.0	FALSE CEILING				
	Item includes providing False Ceiling in plane, curve shape and design . Suspending system and frame work shall match layout of A.C. ducts / grills, electrical / fire protection wiring / fixtures, return air grills etc. Rate to include provision of extra frame work, necessary scaffolding needed due to layout of other utilities refered above and fixtures etc. (Measurement shall be taken of the horizontal base area only nothing extra for cove design and verticle sections)				
a	P/F of 12.5mm th.Gypsum ceiling board false ceiling in horizontal & vertical surfaces & moulded corners & offset as per arch.drg.which include P/F roll formed G.I.Perimeter channels of sizes 27x.5mm th.having one flange of 30mm along the perimeter of the ceiling fixed to the brick wall or partition with help of rawl plug or screw i/c ending of G.I.intermediate channels of size 45x9mm th.with two flanges of 15mm th.each from the soffit @ 1200 c/c with steel/G.I.hanger of with 25mm &0.5mm th.fixed soffit with G.I.cleat & steel expansion fasteners of 0.5mm thickness having knurle dwedge of 51.5mm & two flanges of 26mm each with tips of 10.5mm fixe to the intermediate channel with the help of converting clips in a direction perpendicular to the intermediate channel of 350mm c/c 12.5mm taperededge gypsum plaster board(confirming to I.S.2095,1982)Screwed 230mm c/c screw fixing to be done mechanically with suitable attachment The tapered & squared edges of the boards(as recommended by the manufacturer)finish with P/A two or more coats of OBD paint over a coat of primer,extra frame work for necessary hatch doors/opening upto 600mmx600mm (or as per requirement)with 19mm th. comm.board wherever required i/c necessary S.S. hinges,screws finish smooth as directed.The rate shall include the cost of extra frames for A.c.openings,light fixtures & speakers etc. inclusive of P/F 8mm thick MR Ply finished with 1.0mm thick laminate as per appvd.shade on horizontal surface of gypsum false ceiling in bankong hall,as per architectural drg.complete & P/F making coves as per arch.drg.inclusive of providing and fixing Strip light of Havells make(15 watts) i/c of P/F transformer in cove fixed end to end complete with making, P/F all electrical connections &wiring & conduits in cove (bill of strip light to be provided with final bill.) NOTE: Measurment of base area to be taken for payment, Coves & Pattas With Not Be Extra.	Sq.Mt.	215.0		

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
b	Providing and fixing False Ceiling with Mineral Fibre Acoustic Ceiling tiles of Armstrong with MICROLOOK edges and having noise reduction properties laid on exposed grid system with 15mm wide Silhouette type T-section flanges of white colour, main runners spaced at 1200 mm c/c securely fixed to the soffit of structure with approved hangers at 1200 mm maximum c/c. Flush fitting 1200 mm crossed tees to be interlocked between main runners at 600 mm c/c to form 1200 x 600 modules. 1200 mm cross tees to be crimped. 600 x 600 module to be formed by fixing 600 mm long flush fitting cross tees centrally between the 1200 cross tees. Ceiling tiles of Dune Premier of size 600 x 600 x 15 mm (thk.) to be placed in the grid. Rate to include making necessary cut-outs or openings for light fixtures, air conditioners and other utilities etc. complete to the satisfaction of Architect/ Bank's Engineer.	Sq.Mt.	58.0		
	SUB TOTAL : III : FALSE CEILING				
4.0	COUNTER/ TABLES/ WORKSTATIONS				
	All Tables/ Counters/Work Stations/Running Counter to be fabricated out of 19mm thk.MR ply top front,rear and sides & finished with 1.0mm thk. high gloss laminate finish on all exposed surfaces along with 0.8mm thk.white laminate on inside surface of shelves & shutters & rear drawer units to be made from 12mm thk.MR Ply and FASCIA with 19mm MR Ply ,fascia to be finished with 1.0mm thk.high gloss laminate finish(as per individual item).The drawers to run on telescopic drawer channels of Hettich make. Drawer units shall have two smaller and one bigger drawer with auto locking arrangement (Godrej). Footrest 75x50mm made of 2nd class teakwood member, to be fixed in each table. The rate shall include providing all hardware such as drawer channels, 6" S.S. handles, S.S.cable manager (Hettich/ Dorma/Haffele) etc. complete. The item also includes a tray for keyboard fabricated out of 12mm MR Ply finished with 1.0mm th.high gloss laminate on all exposed surface running on telescopic channel of Hettich, finshed with corian on top and rounded front of size 560x450mm,P/S & fixing readymade CPU trolley with castors etc. complete to the satisfaction of Architect/ Bank's Engineer.				

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
a	P/placing Table made of 19mm thk. MR Ply top provided with approved 12mm thk. high density acrylic corian (Corian/LG/Merino) and sides and 1.0mm thk. high gloss laminate finish on exposed surfaces along with 0.8mm thick white laminate on inside surface, drawer units to be made from 19mm thick MR Ply with 1.0mm thick high gloss laminate finish. Modesty panel to be made of 19mm thk. MR Ply finished with 1.0mm thick laminate high gloss laminate as per appvd.shade. Table top edges to be approx. 25mm thk. with corian finish as per design & details. The drawers to run on telescopic drawer channels. Drawer units shall have two smaller and one bigger drawer and auto locking arrangement (Godrej). Footrest 75x50mm made of 2nd class teakwood member to be fixed in each table. The rate shall include providing all hardware such as drawer channels, S.S. 6" handles, S.S.cable manager (Hettich/Dorma/Hafele) etc. complete. The item also includes a tray for keyboard running on telescopic channel, finished with 1.0mm thick laminate on top and rounded front of size 560x450mm, readymade CPU trolley with castors etc. complete to the satisfaction of Architect/ Bank's Engineer.				
i	Size (6'-6"x2'-9"x2'-6") FOR BM TABLE	Nos.	1		
ii	Size (5'-0"x2'-6"x2'-6") FOR SERVICE MANAGER TABLE	Nos.	1		
iii	Size (4'-6"x2'-6"x2'-6") FOR OFF./CLK. TABLE	Nos.	4		
iv	Size (4'-6"x2'-6"x3'-0") FOR MIHU	Nos.	1		
b	Providing and fixing Side Storage Cabinet made of 19mm thk. MR Ply having 450mm wide top provided with 12mm thk. high density acrylic (Corian/ LG/ Marino) and sides finished with 1mm thk. high gloss laminate. The side table to have 2 drawers on top with shuttered storage below. The inside of side table to be finished with 0.8mm thk. white laminate. The rate shall include providing all hardware such as auto closing hinges, 6" S.S. handles (Hettich/Dorma/Hafele) and locks (Godrej) etc. complete as per design/drawing to the entire satisfaction of Architect/Bank's Engineer.				
i	Size (3'-6"x1'-4"x2'-6") FOR BM,SERVICE MGR & OFF/CLK.	Nos.	4		
ii	Size (3'-0"x1'-4"x2'-6") FOR OFF/CLK. IN BASEMENT	Nos.	2		
iii	Size (3'-11"x1'-4"x2'-6") FOR COUNTERS	Nos.	3		
c	MEETING TABLE				
	P/F in position Meeting Table (Size:7'-0"x3'-6")fabricated out of 19mm MR Ply with table top fixed over hardwood framework finished with 3mm ply complete with table top finished with 12mm thk. high density acrylic Corian (LG/ Marino)in two shades as per arch.drg along with all associated hardware etc. and 100mm laminate skirting etc. complete to the entire satisfaction of Architect/Bank's Engineer.	Nos	1		
d	Providing and placing in position Banking Counters in straight/curved shapes 750 mm high made of 18 mm thk. MR Ply duly rounded with 6mm thk. flexi ply covering in 750mm wide working top, finished with 12 mm thk. high density acrylic (Corian/ LG/ Marino) in curved shape and rest of the structure made from 19mm thk. MR Ply finished with 1.0 mm thk. high gloss laminate in shade as per SBI standards. Rest of the specifications for drawer units etc. shall be as per main specifications mentioned above but with divisions for currency as per Bank's instructions. The drawer units shall be provided with autolocking system (Godrej) for drawers etc. complete as per design/ drawing.	R.Mt.	4.5		
e	WRITING COUNTER				

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
	Providing and fixing 450mm wide Writing Counter fabricated out of 19mm thick MR Ply base duly rounded with 6mm flexi ply finished with 1.0 mm thick high gloss laminate Top finished with 6mm thick corion with edge duly rounded and 12mm thick glass fixed over the top with S.S.Studs.	Rmt.	1.5		
	SUB TOTAL : IV : COUNTER/TABLES/WORKSTATIONS				
5.0	STORAGE CUPBOARDS				
a	P/F Full/Low Height Storage Cupboard 450mm deep & Ht.750/2100mm with frame, all sides,shelves to be made with 19mm thk.MDF & 6mm thk.MDF ply fixed at the back.The shutters to be made with 19mm thk. MR Ply Shutters,top & sides all exposed surface to be finished with 1mm thk.high gloss laminate on all exposed surfaces.All edges to have 19mm thk.H.W.edging as per details finished with 1mm thk.laminate,all shutters to to be made over lapping the frame and edges of shutters to have 19mm thk.H.W.edging as per details finished with 1mm thk.laminate, i/c S.S. 6" long handles,magnetic catchers,self closing hinges,locks(Godrej/Hettich/Hafele) etc.The item includes polishing the wood surfaces & grooves with melamine polish & all inside surfaces shutters/shelves to have 0.8mm thk white laminate finish etc. complete to the satisfaction of Architect/Bank's Engineer.The rates should be i/c with top P/F with 12mm thk. high density acrylic (Corian/ LG/ Marino) on top of low ht.storage cabinet & sides to be finished high gloss laminate Only front elevation will be considered for area calculation.	Sq.Mt.	11.0		
b	P/F Full/Low Height Storage Cupboard 450mm deep & Ht.750/2100mm with frame, all sides,shelves to be made with 19mm thk.MR ply & 6m thk.MR ply fixed at the back.The shutters to be made with 19mm thk. MR ply Shutters,top & sides all exposed surface to be finished with 1mm thk.high gloss laminate on all exposed surfaces.All edges to have 19mm thk.H.W.edging as per details finished with 1mm thk.laminate,all shutters to to be made over lapping the frame and edges of shutters to have 19mm thk.H.W. edging as per details finished with 1mm thk.laminate, i/c S.S. 6" long handles,magnetic catchers,self closing hinges,locks(Godrej/Hettich/Hafele) etc.The item includes polishing the wood surfaces & grooves with melamine polish & all inside surfaces shutters/shelves to have 0.8mm thk white laminate finish etc. complete to the satisfaction of Architect/Bank's Engineer.The rates should be including with top P/F with 12mm thk. high density acrylic (Corian/ LG/ Marino) on top of low ht.storage cabinet & sides to be finished high gloss laminate Only front elevation will be considered for area calculation.inclusive of P/F Teak wood moulding (150x100mm) on edge as per architecture drawing complete with p/f 12mm thick glass shelves inclusive of polishing with 2-3 coats of melamine finish on wooden surface inclusive of p/f MDF jali finished with duco paint as per approved colour as per arch.drawing .Rate should also include. (in BM Cabin)	Sq.Mt.	2.5		

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
c	P/F Over Head Storage made of FIRESAFE IS: 5509 plywood sheet inside laminate finish with required 19mm thk.aluminium profile shutters with back painted glass, required soft closing hinges (Hettich/ Haffle/ Dorma) & glass shelves. Item to be inclusive of all accessories, storage shelves, lift up sutters, design grooves, moulded edges, aluminum profile, soft close hinges etc. complete. Inner side of the storage to have 1mm thick high gloss laminate finish etc. complete to the satisfaction of Architect/ Bank's Engineer. (in pantry)	Sq.Mt.	1.0		
d	P/F Storage under Platform made of 18mm thk. FIRESAFE IS: 5509 plywood sheet finish with 1mm thk.high gloss laminate sheet on outer face & 1mm thk.white laminate sheets on inner face of the shutter; edge to be covered with aluminum profile section as per selection, shutters to have soft close hinges (Hettich/ Dorma/Haffele) with teak wood frame below platform. Item to be inclusive of 19mm thk.interal horizontal laminated shelves, joining cleats,accessories,ss hardware,soft close drawer with ss basket,aluminum profile handles etc.complete. Inside of storage to be finished with 1mm thk.laminate etc.complete to the satisfaction of Architect/Bank's Eng.(Measurement will be counted from front shutter's height & width, no extra measurement & payment will be given for S.S. basket & shelves).(below counter pantry)	Sq.Mt.	2.0		
e	P/F cabinet for housing main electrical panel board,fabricated out of 19mm thk.MR Ply finished with 1mm thick high gloss Laminate of as per appvd.Sheet on exposed side surfaces.Front shutters to have 304 grade perforated SS Panels 3 No's, on each shutters as per arch.drg.inside of shutters,vertical & horizontal and surfaces shall be covered.with 12mm thk.gypsum board item shall include providing applying 2-3 coats of melamine spray finish on wood surface & synthetic enamel paint in internal surface with all other specifications as per Item no.5a) above complete to the satisfaction of of Architect /Bank's Engineer.	Sq.Mt.	4.5		
	SUB TOTAL : V : STORAGE CUPBOARDS				
6.0	MISCELLANEOUS				
a	P/F Box Notice Board fabricated with 19mm thk. MR Ply with frame & sides finished with 1mm thk. high gloss laminate.Box to have 75x35mm teak wood shutters with 6mm thk. clear float glass.The back to have 6mm thk. MR ply & 12mm thk. soft ply covered with cloth of appvd.shade and fabric.The item includes polishing the wood surfaces with melamine polish etc.complete to the satisfaction of Architect/Bank's Engineer. Size :- of the Box Notice Board shall be 1200x600x150(D)mm.	Nos.	1		
b	P/F Pin-up Board with 12mm thk.MR Ply with cloth of approved shade & fabric on top. MDF to be fixed with teak wwood moulding of 19x25mm size with melamine polish etc.complete to the satifaction of Architect/Bank's Engineers.	Sq.Mt.	2		
c	P/F Bank Logo with acrylic sheet and S.S.304 grade 16 guage base.Logo to be provided with LED lights(Phillips/Havells/Wipro)as per Bank's instructions.The logo to be fixed on wall/panelling /partition as per details and instructions etc.complete to the satisfaction of Architects/Bank's Engineers. Size of Bank Logo shall be 600x600mm	Nos.	1		

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S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
	Same as serial no.1, but wiring for 16 Amp, 6-pin sockets by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4.0 sq.mm earth wire from D.B. to first point 1 st socket and 1 st to 2 nd , socket with 2*2.5 sq.mm. and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 –pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete assembly) max 2 points per circuit				
a)	Primary Point	Nos.	10.00		
b)	Secondary Point	Nos.	8.00		
3(a)	Same as serial no.1, but wiring for A/C socket by using 2*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire with modular type AC box(tiny trip type) with socket complete in all respects controlled by 25/32 A SP MCB to be provided near indoor unit. The point starts from DB including top.	Nos.	4.00		
3(b)	Same as serial no.1, but wiring for A/C socket by using 2*6 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*6.0 sq.mm. PVC insulated 1100 V grade copper conductor wire of weather proof type 2 way SPN DB complete in all respects controlled by with 40 Amp (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit.	Nos.	2.00		
3(c)	Same as serial no.1, but wiring for A/C socket by using 4*6 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*6.0 sq.mm. PVC insulated 1100 V grade copper conductor wire of weather proof type 2 way SPN DB complete in all respects controlled by with 40 Amp (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit.	Nos.	2.00		
4	COMPUTER POINTS				
a	Wiring with 2x2.5 sq.mm. + 1x2.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 3 nos. 6 amps. 5 pin modular type sockets, one 6 amps modular switch with all accessories, inner/ outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets under the counter b) Same as above but looped from the above 1st point to 2nd , point and 2nd point to 3rd point. (Maximum 3 points in a circuit) c) Same as above but provide for television. (Maximum 3 points in a circuit)				
	Primary Points	Nos.	8.00		
	Secondary Points	Nos.	10.00		
1(B)	CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.				
1.0	TELEPHONE SYSTEM				
1.1	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	15.00		
1.2	Supplying, laying, effecting terminations, testing and commissioning of 0.51 mm dia Cu. Conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing tray or in conduit including providing &fixing conduit pipe or cable tray as required from building tag block to the floor as required.				
a)	Supplying & fixing 30 pair krone tag block with enclosure.	Nos.	1.00		
b)	P/L 30 Pair of PVC insulated PVC sheathed multi core jelly filled armored telephone.	Mtrs.	0.00		

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
2	COMPUTER NETWORKING				
2.1	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	18.00		
2.2	Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.	1.00		
2.3 a	Supply,Installation,Testing & Commissioning of 16 port Jack Panel.	Nos.	0.00		
2.3 b	Supply,Installation,Testing & Commissioning of 24 port Jack Panel.	Nos.	1.00		
2.4	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	18.00		
2.5	Supplying and fixing Patch Cord-1 Meter-	Nos.	18.00		
2.6	Supply & fixing of 1.6 mm thick G.I. Box along with RG 6 T.V Coaxial socket with Cover Plate.	Nos.	3.00		
2.7	Supply,drawing,connecting,testing and commissioning of T.V Coaxial cable RG 6 in existing conduit.	RM	60.00		
3	CABLES, MAINS & SUBMAINS				
1	Supplying all materials and laying/ pulling 1100 volts grade PVC insulated copper conductor wires (FRLS/FRZH/FRZH) in MS conduit with all fixing accessories after cutting the floor, wall and the like etc. and replastering the floor level to original. Conduit must be 30 mm below the floor finish level.				
i	1 X 8SWG Cu wire in PVC conduits for earthing for internal DBS connections	RM	40.00		
ii	2 X 10 sq.mm. + 1 X 6 sq.mm. (UPS DB INCOMMER FROM UPS DB to UPS)	RM	20.00		
iii	S/L/T/C of 4 C X 10 sq.mm.at 1100 volts grade PVC insulated aluminum conductor armoured cable with 12 gauge GI earth wire including cables end termination using appropriate Lugs,Glands,termination accessories,Clamps etc.as required as per specification (LIGHT DB)	RM	25.00		
iv	S/L/T/C of 4 C X 16 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 12 gauge GI earth wire including cables end termination using appropriate Lugs,Glands,termination accessories,Clamps etc.as required as per specification (POWER DB + UPS DB)	RM	30.00		
v	S/L/T/C of 4 C X 25 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 12 gauge GI earth wire including cables end termination using appropriate Lugs,Glands,termination accessories,Clamps etc.as required as per specification (AC VTPN)	RM	25.00		
vi	S/L/T/Cof 4 C x 70 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc.as required as per specification (Mains)	RM	30.00		
D.	DISTRIBUTION BOARD				
4	DISTRIBUTION BOARD				

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
	Supplying, installing, testing & commissioning of surface/recessed mountings, Double door 415 volts TPN MCB distribution board of steel steel, 1.6 mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper busbars, earthbar, common neutral link, din bar for mounting of MCB's detachable gland / knock out plate & with built in loose wire boxl, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.				
	Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.				
	Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links & shall be of 125A.				
	UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.				
	All internal inter connecting wiring within the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating.				
	Inside each DB, a DB chart is to be fixed.				
a	4-way TPN DB (LIGHT DB)	Nos.	1.00		
	Incomer:-				
	1 No. 32 A 4P RCCB (100 MA) plus blanking plates.				
	Outgoing:-				
	12 Nos.10/20 Amp (10 KA) SP MCB				
b	4-way TPN DB (POWER DB)	Nos.	1.00		
	Incomer:-				
	1 No. 40 A 4P RCCB (300 MA) and blanking plates				
	Outgoing:-				
	12 Nos.16/20/25 Amp (10 KA) SP MCB				
c	4-way TPN DB (SERVER DB)	Nos.	1.00		
	Incomer:-				
	1 No. 63 Amp TPN (10 KA) MCB as Incomer				
	Outgoing:-				
	3 Nos. 40 Amp (10 KA) DP MCB, For UPS				
	2 Nos. 25 Amp (10 KA) SP MCB, For UPS AC				
	4 Nos. 6/10/16 Amp (10 KA) SP MCB, For Lights & Power				
d	8-way SPN DB (For UPS Sub DB)	Nos.	1.00		
	Incomer:-				
	1 No. 25 A DP RCCB (100 MA)				
	Outgoing:-				
	6 Nos.10Amp (10 KA) SP MCB				
e	6 -way V-TPN DB (AC)	Nos.	1.00		
	Incomer:-				
	1 No. 63 Amp 4 Pole (16 KA) MCCB				
	Outgoing:-				
	3 No. 32 Amp (16 KA) TP MCB				
	9 Nos.10/16/25/32 Amp (10 KA) SP MCB				

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
5	(LIGHT FITTINGS,FANS & ACCESSORIES)				
a)	Supplying(Commercial Use Fixtures only), installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge (All LED Light Fixtures should be covered with minimum 3 Years onsite replacement warranty)				
i	2 X 2 LED, 36 W Ultra Slim LED Smart Panel of make BAJAJ/CG/PHILIPS/or approved by SBI/Architect.	Nos.	27.00		
ii	Supplying, fixing, testing and commissioning of 15 W LED commercial type down lighter with external driver of make BAJAJ/CG/PHILIPS/or approved by SBI/Architect.	Nos.	53.00		
iii	Supplying, fixing, testing and commissioning of 9 W LED commercial type down lighter external driver of make BAJAJ/CG/PHILIPS/or approved by SBI/Architect.	Nos.	15.00		
iv	supplying , fixing ,testing and commissioning of 5 W LED SPOT commercial type spot light of make As specified in tender document or approved by bank/Architect.	Nos.	15.00		
iv	supplying , fixing ,testing and commissioning of 3 WATT COB commercial type spot light of make As specified in tender document or approved by bank/Architect.	Nos.	0.00		
v	LED 18 watt Tube Light with all accessories.make As specified in tender document or approved by bank/Architect.	Nos.	2.00		
vi	S.I.T.C of LED Box Type Cove Lighting (300, 600, 900 & 1200mm) in Length of Philips /CG /SYSKA or, eqv make with all accessories like drivers, connecting wires. etc. all complete.				
a)	a. 300 MM Length	Nos.	10.00		
b)	b. 600 MM length	Nos.	20.00		
c)	c. 900 MM length	Nos.	15.00		
d)	d.1200 MM length	Nos.	15.00		
vii)	Wall mounted fans 400 mm dia. make As specified in tender document or approved by SBI/Architect. (Metal Body Only) AS PER BANK INSTRUCTION	Nos.	18.00		
viii)	Supply & fixing of 230 mm exhaust fan with louvers and plastic body with all accessories etc. complete of make As specified in tender document or approved by SBI/Architect.	Nos.	4.00		
ix)	Ceiling fans 1200 mm dia. make As specified in tender document or approved by SBI/ Architect.	Nos.	11.00		
6	EARTHING SYSTEM				
a)	Supply,Installation,Testing and Commissioning of Waterless Maintenance Free Earthing Based on Pre-Casted Conductive Earthing Electrode Work should be executed through either Bank approved agency or M/S Information technology (ITPC) Contact:9811067053/9717983433 i) Dimensions Length x Dia (MM) : 2000 x 100 with 16mm Solid Conductor (Cu) ii) Conduction: Non Ionic Movement of Ions iii) Multi Point Dissipation Contacts iv) Exceeds Grade 25 Concrete v) Environment: Ph Neutral Internal Material vi) Relative Density: 890-990 kg/m ³ vii) 3000 times more effective than Bentonite viii) Electrolytic Corrosion Resistance: >86% reduction in corrosion ix) Short Circuit Current (Tested):Peak:40 KA RMS:22 Kilo Amps for 1 Sec x) Mechanical Strength: >Grade 25 Concrete xi) High Fault Current Test Withstand: 1686 V for 500 ms xii) Standards: IEEE 80:2000 & BS 7430 xiii) Warranty:10 Years Full Replacement xiv)Life of Earthing:25 Years respectively xvi) Make:KRATONITE / ITPC-METCHEM / KARANITE	Nos	4.00		
2	Providing and fixing of Copper strips in surface or in recess for loop earthing etc. as required.				

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
	Copper Strip (PVC insulated heat shrinkable sleeves) of size 25 x 3mm as in earth continuity conductor fixed to wall or buried in ground or any other situation for loop earthing as required at site (Quantity depend on Site Requirement)	RM	40.00		
	Providing and fixing 2 X 8 SWG dia. Cu earth wire in GI conduit on surface or in recess for earthing along with the existing surface/ recess cable as required. From pit to the panel & UPS	RM	50.00		
	25 mm x 5 mm GI strip				
	Providing and fixing 2 X 8 SWG dia. Cu earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface/recess cable as required.	RM	20.00		
7	MAIN PANEL AND METER BOARD				
	Designing, fabrication, supply, installation, testing and commissionings of front operated cubicle type compartmentalised, front access, free standing on 75MM "I" MS channel, dust and vermin proof (IP 42 degree protection) panel suitable for use at 415V, 3 phase, 4-wire 50Hz system suitable for fault level of required value symmetrical at 415V fabricated from 2mm thick CRCA MS sheets with hinged, gasketted (Metal based neoprene) locable doors having structural reinforcement including 3mm thick gland plates on top and bottom, lifting hooks, GI earth strip of required size with 2 nos earth terminals, 2 nos 230V AC operated 250mm X 250mm size axial fans for exhaust of heat with On-Off toggle switches including 2 coated primer and 2 power coated paint finish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections etc as per specifications as required. main panel board of approved make (KRYPTON POWER CONTROLS/R-FLEX/TRICOLITE/Supertech Power control Type of Approval as instructed by the SBI/Architect) as per the following specifications.				
	All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbars insulation shall be with heat shrinkable sleeves SMC/ DMC shrouds and busbar supports shall be used. Padlocking facility shall be provided on all outgoing feeders doors and switch handles shall be locable in OFF position.				
	Suitable arrangement shall be made for termination of multiple incoming cables.				
	All kA values indicated shall be Ics breaking capacity				
	GA drawings shall be got approved from SBI				
a.	Panel shall be consisted of : -				
	INCOMER FROM MAIN LINE				
	1 No. 125 Amps, TPN MCCB (25 KA) with extendable rotary handle each thermal over current instantaneous. Short circuit release. Earth fault.				
	BUSBARS				
	150amps TPN pole busbar chamber of suitable length with copper busbars. All busbars and interconnections shall be of suitable size copper strips.				
	INDICATING & CONTROL				
	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. current transformers of 125/5A ratio, 10 VA Class-1.0 metering. - 1 sets				
	Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.				

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
	OUTGOINGS:-				
	2 Nos 40A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank AND AC VTPN.				
	INCOMER FROM MAIN PANEL BUS BAR				
	1no. 100 Amp 4-P On Load Change over switch with 1 No. 100 Amps, TPN MCCB (25 KA) with extendible rotary handle.				
b	INCOMER FROM MAIN PANEL BUS BAR				
	1no. 100 Amp 4-P On Load Change over switch with 1 No. 100 Amps, TPN MCCB (25 KA) with extendible rotary handle.				
	BUSBARS				
	125amps TPN pole busbar chamber of suitable length with copper busbars.All busbars and interconnections shall be of suitable size copper strips.				
	INDICATING PANEL				
	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc.with 3 Nos. current transformers of 100/5A ratio,10 VA Class-1.0 metering.- 1 sets				
	OUTGOINGS:-				
	3 Nos 63A TPN MCCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For AC DB, UPS & AFPC)				
	1 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For PDB)				
	1 Nos 32A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For LDB)				
	3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For SIGNAGE)				
	The electrical panel as described above and specifications complete.	Set	1.00		
c	Supplying,installation,testing & commissioning of 15KVAR,APFC Panel autooperation and power factor should be nearing unity complete as required including all contactors,relays, indivating units etc. as required at site".Capacitor make: ABB/ Siemens/ Neptune	Set	1.00		
	5 nos. of capacitor duty contactors				
	2Nos.5 KVAR MPP type heavy duty capacitor banks along with 2 Nos.16A TP MCB of 10 KA service breaking capacity with heavy duty solid detachable neutral link				
	2 Nos.2 KVAR MPP type heavy duty capacitor banks along with 2 Nos.10A TP MCB of 10KA service breaking capacity with heavy duty solid detachable neutral link				
	1 Nos.1 KVAR MPP type heavy duty capacitor banks along with 1Nos.10A TP MCB of 10 KA service breaking capacity with heavy duty solid detachable neutral link				
8	PUBLIC ADDRESS SYSTEM				

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
i	Supply & laying Wiring of 1.5 sqmm twin core shelded type of speaker cable in FRLS/FRZH PVC conduits i/c all accessories concealed/exposed in F.Ceiling/Wall complete as required including 1.6/2.0 mm thick PVC iunction (Point Rate Basis).	Nos.	8.00		
ii	Supply,installation,testing and commissioning of following (BOSCH/AHUJA) make Music Accessories / Equipments.				
	Ceiling Speaker Unit 6 Watts LHM 0606/10	Nos.	8.00		
iii	SHURE/BOSCH/ AHUJA make Power Amplifier,100 Watts with output transformer etc.complete. Plena Range or as approved by the Bank capale of taking Inputs from USB Also	Nos.	1.00		
iv	Supplying of AHUJA/SHURE/BOSCH make Cordless Mike of minimum range 10M and compatible to	Nos	1.00		
v	6U Equipment Rack complete with monitor unit, speaker, power supply control etc. President make suitable for 1x100 watts amplifier system With all terminating set up.	Nos.	1.00		
	TOTAL FOR ELECTRICAL WORKS				

Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation. (Only GST will be paid Extra)

AIR-CONDITIONING WORKS (PART-C)					
S. No.	Description	Unit	Qty.	Rate	Amount

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
	AIR CONDITIONERS				
1	Supplying, erection, testing and commissioning following wall mounted Split/ Root mounted cassette units of (Toshiba/ Mitsubishi/ Hitachi/ Daikin/O-General/Carrier/Bluestar) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with (All coil – copper only) , fan and fan motor, machine control panel improved Refrigerant Joints, .Air conditioners shall be fitted with hermetically sealed type suction cooled reciprocating or discharge cooled rotary compressor or scroll compressor. Compressor unit operating on R32/ R-410. All complete as per drawing, approval and instructions of the Architect/ Employer (Rates to be inclusive of Copper refrigerant pipe with insulation and Drain pipe up to 3 Mtr length). Item to include powder coated outdoor stands as per the manufacturer specifications.				
a	1.0 TR wall mounted split unit (Minimum 5-Star rating inverter type) (ATM & Meeting Room)	Nos.	3.00		
b	1.5 TR wall mounted split unit (Minimum 5-Star rating inverter type) (BM Cabin)	Nos.	1.00		
c	2.0 TR Ceiling suspended Cassette type split unit with 4 way air flow including upto 3.0 mtr. copper refrigerant & drain pipe including installation. (Basement Floor Hall Area)	Nos.	2.00		
d	3.0 TR Ceiling suspended Cassette type split unit with 4 way air flow including upto 3.0 mtr. copper refrigerant & drain pipe including installation. (Ground Floor Hall Area)	Nos.	2.00		
2	EXTRA REFRIGERANT PIPING				
	Supplying and laying of Extra copper refrigerant piping with nitrile rubber pipe insulation, both of size as specified by the manufacturer suitable for 1.5 TR Split type AC and 2.0 TR Cassette AC (From Indoor to outdoor Units).				
a	For 1/1.5 TR as specified by the manufacturer	Mtr.	20.00		
b	For 2.0/3.0 TR Cassette as specified by the manufacturer	Mtr.	50.00		
3	DRAIN PIPING				
	Providing and fixing drain piping up to drain as directed by the engineer incharge with all accessories e.g. elbows, unions, sockets, reducers, reducing tees, nipples etc. Complete job including cutting chiseling in walls, floor and making good of all chases/ cuts etc. and discharging the drain into a floor trap/ gully as per site conditions with insulation, both as specified by the manufacturer.				
a	25 mm dia PVC drain pipe for Split AC	Mtr.	25.00		
b	32 mm dia PVC drain pipe for Cassette AC	Mtr.	50.00		
4	Providing and fixing Stabilizer with 3 step relay and input voltage range of 140-280 V and output to be 230 V (Blue bird/ Logic state/ Inline/ V-gourd) (copper winding).				
a	4 KVA (For 1/1.5 TR Split AC)	Nos.	4.00		
5	Providing and fixing of lockable caging for outdoor unit grouted on wall or on roof with open able shutter made of 10 X 10 mm MS square bars placed vertically @ 5" c/c welded with 40 X 3 mm MS flat all- round. Item includes all necessary hardware, priming coat, synthetic enamel paint, hanger, clamps other accessories etc. All complete as per approval and instructions of the Architect/ employer.				
a	For 1.5 TR Hi Wall split units	Nos.	4.00		
b	For 3/2.0 TR ceiling mounted cassette unit	Nos.	4.00		

S.No.	Particulars	Unit	Qty	Rates	Amount (Rs.)
6	Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 1.5 TR Split type AC.	Mtr.	50.00		
7	Supplying and laying of Extra Electrical interconnecting control cables from indoor to outdoor of size as specified by the manufacturer suitable for 2.0 TR Cassette type AC.	Mtr.	70.00		
8	Timer	No.	1.00		
9	S.I.T.C. of drain pump for using hig wall drainline	nos	3.00		
	TOTAL				
Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to					