	BILL OF QUANTITIES FOR INTERIOR, FURNISHING, ELECTRICAL A OF NAGLI BRANCH,AT NAGLI NAZAFGARH,			ONING WOF	RKS
	PART I: INTERIOR & FURNISHING WORKS				
S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1.00	PARTITIONS AND 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 considered. The rate to include 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. All wood framework to be applied with 2 coats of fire retardant paint and 1 coat of wood preservative with anti termite treatment properties.				
	Droviding 9 fiving Calid Full Haight Destition with 50/45 50/45				╀─────┤
а	Providing & fixing Solid Full Height Partition with 50/45x50/45 mm GI sections (1 mm thk.) of India Gypsum @ 600 mm c/c in both directions, (vertical member to be in one piece) and horizontal direction, 8mm thk. commercial ply to be fixed on both sides including provision of grooves as per instructions and 1.0mm thick decorative texture laminate fixed on both sides. Partition to have 100 mm high metallic decorative texture laminate band at skirting on both sides of partition, Item includes melamine polish on the wood surfaces and finishing of grooves with polish etc. Rest of specifications same as main specifications of partitions, complete to the satisfaction of the Architect / Bank's Engineer.	Sq.Mt.	8.00		
b	Providing & fixing Partly/Fully Glazed Full Height Partition with 50/45x50/45 mm GI sections (1 mm thk.) of India Gypsum @ 600 mm c/c in both directions, (vertical member to be in one piece) and horizontal direction, 8mm thk. commercial ply to be fixed on both sides including provision of grooves as per instructions and 1.0mm thick decorative texture laminate fixed on both sides. Partition to have 100 mm high metallic decorative texture laminate band at skirting on both sides of partition, Item includes melamine polish on the wood surfaces and finishing of grooves with polish etc. 8mm thk. toughened glass to be fix with wooden moulding as per design. Rest of specifications same as main specifications of partitions, complete to the satisfaction of the Architect / Bank's Engineer.	Sq.Mt.	8.00		
с	Providing & fixing 12mm thick toughend Fixed Glass Partition in front of cabins for Manager and also Branch Front Entrance, glass 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.	12.00		
d	Providing and fixing front Frameless Patch Fitting Door with 12mm thick 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.	6.00		
e	Providing & fixing Low Height Partition with same specifications as item no. 1(a) above but with 12mm toughened glass above 3' 6" fixed as per design/ details, height of partition to be 1350mm, item is with 38x95mm teak wood moulding on top and side edges of partition complete with DUCO paint/ melamine polish including proper base etc. complete to the satisfaction of the Architect / Bank's Engineer.	Sq.Mt.	25.00		
f	Providing & fixing Glazed Door with 75x50 mm teak wood frame (chaukhat). The door shutter to be made from 125x40mm teak wood side & top members along with 200x40mm teak wood bottom member. Item includes fixing 12mm glass fixed with teak wood beading 14x12mm. The door is to be complete with mortice door lock & SS handle , S.S stopper, 125mm S.S. hinges (Hettich/ Dorma/ Haffele) etc. All wood surfaces to be malamine polished complete to the satisfaction of Architect / Bank's Engineer.	Sq.Mt.	5.00		

S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
g	Providing & fixing 35mm thick Water Proof Flush Doors with 1mm thk. decorative texture laminate on both sides as per design. The item includes providing and fixing chaukhat made from 100mmx50mm teak wood members. The Doors to have all hardware fittings such as 125mm SS hinges, SS handles, SS tower bolts, mortice locks (Dorma/ Hettich/ Godrej) etc. complete to the satisfaction of Architects/ Bank's Engineer.	Sq.Mt.	9.00		
h	Providing & fixing Door Closers (Hettich/ Haffle/ Dorma/ Godrej) including cutting and fixing, covering plate and all associated hardware etc. complete to the satisfaction of Architect/Bank's Engineer.		11.00		
2.00	PANELLING/ CLADDING				
a	Providing & fixing Panelling (Laminate) with frame work with 45 x 25 mm GI sections (India Gypsum) @ 600 mm c/c in both directions, finished with 8mm thk. commercial ply. The ply to be covered with 1.0mm thk. decorative texture laminate in two or more colour. Paneling to have 50x35mm teak wood moulding on edges. Panelling to have 100 mm high teak wood DUCO painted Blue/Teak/Metallic 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.	110.00		
b	Additional extra over panelling box wall panelling and with other specifications and finish same as item 2(a) above except depth to be 150 - 180 mm approx. as per design/details including extra frame work as necessary for 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 Architect/Bank's Engineer.	Sq.Mt.	8.00		
c	Providing & fixing Panelling (Lacquer Glass) with frame work with 45 x 25 mm GI sections (India Gypsum) @ 600 mm c/c in both directions, finished with 8mm thk. commercial ply. The ply to be covered with 6.0 mm thick colored glass in two or more colour, as per drawings & directions etc. complete to the satisfaction of the Architect /Bank's Engineer.	Sq.Mt.	15.00		
3.00	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 plan area only nothing extra for cove design and verticle sections)				
а	Providing and fixing Gypsum Board False Ceiling with INDIA GYPSUM ULTRA main ceiling sections at 1200 c/c and cross members at 450 c/c of INDIAN GYPSUM. The grid work to be suspended from ceiling with hangers at every 1200 c/c in both directions. The Frame work to be as per manufacturer's specifications. 12.5 mm thk. GYPBOARD to be screwerd to the frame. The board to be finished with filling the tapered edges of the board with jointing compound and finishing with paper tape of INDIA GYPSUM. The ceiling to be finished with a top coat (plastic emulsion paint with 'Velvet Touch' of approved brand and manufacture to give an even shade: Two or more coats on new work with rollers/ spray) along with provision of all necessary cut outs for electrical / air conditioning grills and necessary frame work including cove and curve designs etc. complete to the satisfaction of Architect/ Bank's Engineer.	Sq.Mt.	240.00		
b	Providing and fixing False Ceiling with Mineral Fibre Acoustic Ceiling Tiles of Armstrong/ USG/ Boral 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.	25.00		

S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
				(1(3.)	
С	Providing and fixing plain non perforated metal sheet GI tiles Armstrong Grid False Ceiling of size 600mm x 600mm having ceiling sections at 600 mm center to center both ways duly fixed with screws. The grid work to be suspended from ceiling with hangers at every 600 mm center to center in both directions. The framework to be as per manufacturer's specifications. Item includes providing extra support for fixing light fixture etc. complete. to the satisfaction of Architect/ Bank's Engineer. (ATM ROOM)	Sa Mt	25.00		
4.00	COUNTER/ TABLES/ WORKSTATIONS All Tables/ Counters/Work stations to have 19mm thk. commercial board top and sides and 1.0 mm thk. laminate (Decorative/Texture/Metallic) finish on exposed surfaces along with 0.8 mm thk. white laminate on inside surface, drawer units to be made from 12 mm thk. commercial ply with 19mm thk. commercial board FASCIA with 1.0 mm thk. decorative texture laminate finish (as per individual item).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. handles, cable manager (Hettich/ Dorma/Haffele) etc. complete. The item also includes a tray for keyboard runing on telescopic channel, finshed with decorative texture laminate on top and rounded front of size 560x450mm, readymade CPU trolly with castors etc. complete to the satisfaction of Architect/ Bank's Engineer.				
а	Providing and placing Branch Manager Table made of 12mm thk. commercial ply finished with approved 12mm thk. solid high density acrylic corian (Samsung/ LG/ Dupont) on table top and sides made with 19mm thk. commercial board finished with 1.0mm thk. high gloss decorative laminate. Modesty panel to be made of 12mm thk. frosted toghened glass. Table top edges to be approx. 75mm thk. with corian finish as per design & details. Rest of the specifications for drawer units etc. shall be as per main specifications mentioned above etc. complete as per design/ drawing. The table size shall be 1950x900x750(H)mm.	Nos.	1.00		
b	Providing and placing in position Officer Table/Gahrak Mitra Table made of 19mm thk. commercial ply finished with approved made1.0mm thk. high gloss decorative laminate and with 12 mm thk. high density acrylic (Samsung/ LG/ Dupont) on Gaharak Mitra on top and sides. and sides finished with 1.0mm thk. decorative texture laminate. Front modesty panel to be made of 19mm thk. commercial ply finished with 1.0mm thk decorative texture 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 etc. complete as per design/ drawing.				
i	Table Size :1350/1500x750x750mm (4'-6"/5'-0"x2'-6"x2'-6").	Nos.	NIL		
ii iii	Table Size :1500x600x750mm (4'-0"x2'-0"x2'-6"). Gahrak (curve) Size :900x600x750mm (3'-0"x2'-0"x2'-6").	Nos. Nos.	5.00 nil		
iv	Running Counter Table Size1450x600x750mm94'-9"x2'-0"x2'-6")	Nos.	nil		
с	Providing and fixing Side Cabinet of Branch Manager made of 19 mm thk. commercial board having 450mm wide top provided with with 19mm thk. commercial board finished with 1.0mm thk. high gloss decorative 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 hinges, S.S. handles (Hettich/ Dorma/Haffele) and locks (Godrej) etc. complete as per design/drawing. The side table size shall be 900/1050/1200x450x750(H)mm.				
i	Side Cabinet Size : 1200X450X750mm (4'-0"X1'-6"X2'-6").	Nos.	1.00		
d	Providing and fixing Side Cabinet of Officer Tables Officer Tables made of 19 mm thk. commercial board having 450mm wide top and sides finished with 1mm thk. decorative laminate same as that of main table. 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 hinges, S.S. handles (Hettich/Dorma/Haffele) and locks (Godrej) etc. complete as per design/drawing. The side table table size shall be 900x450x750(H)mm.				

S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
i	Side Cabinet Size : 900/1050X450X750mm (3'-0"/ 3'-6"X1'-6"X2'-6").	Nos.	5.00		
ii	Side Cabinet Size : 1700/1050X450X750mm (5'-6"X1'-6"X2'-6").	Nos.	1.00		
e	Providing and placing in position Banking Counters in straight/curved shapes 750 mm high made of 19 mm thk. commercial board duly rounded using 8mm thk. flexi ply covering in front portion and having 750mm wide working top, finished with 12 mm thk. high density acrylic (Samsung/ LG/ Dupont) in curved shape and rest of the structure made from 19mm thk. commercial ply finished with 1.0 mm thk. decorative textured 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. (Measurement will be taken from top plan).	R.Mt.	7.00		
f	Providing and fixing 12mm thk. Toughened Glass in front portion of single window counters with ssmetal 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.	Sa Mt	8.00		
g	Providing and fixing Side Storage Tables for Banking Counters made of 19 mm thk. commercial board having 450mm wide top provided with 12 mm thk. high density acrylic (Samsung/ LG/ Dupont) and sides finished with 1mm thk. decorative 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 hinges, S.S. handles (Hettich/ Dorma/Haffele) and locks (Godrej) etc. complete as per design/drawing. The side table size shall be 900x450x750(H)mm.	Nos.	4.00		
h	Providing Wooden Dressing Table for locker room including looking mirror as per design drawing/ selection etc. complete to the satisfaction of Architect/Bank's Engineer.		1.00		
i	Providing Wooden Stool for locker roomas per design/ drawing/ selection etc. complete to the satisfaction of Architect/Bank's Engineer. Size of the stool shall be 600x600mm.		1.00		
j	Providing and placing Writing Desk Unit of size 900 X 600 X 300 (D) mm in green banking zone made of 19mm thk. commercial ply finished with 1.00mm thk. decorative texture laminate and having box for keeping Bank slips. On all exposed surfaces all complete as per drawings. The table shall have 8 mm thick toughened glass top and maximum height of table to be 350 mm. Writing table to be provided with 50 X 50 mm SS footrest fixed with 20 dia. SS bar and screwed to blockboard all complete as per directions of Architect/ Bank's Engineer.	Nos.	1.00		
5.00	STORAGE CUPBOARDS				+
<u>3.00</u>	Providing & fixing Full Height Storage Cupboard 450mm deep with frame, all sides, shelves to be made with 19 mm thk. BWR ply and 6mm thk. BWR ply fixed at the back. The shutters to be made with 19mm thk. BWR ply. Shutters, top and sides finished with 1.0 mm thk. decorative texture laminate on all exposed surfaces. All edges to have 2mm thk. edge binding tapes as per details, all shutters to to be made overlapping the frame and edges of shutters to have 2mm thk. edge binding tapes as per details including S.S. long handles, magnetic catchers, self closing hinges, locks (Godrej/ Hettich/Haffele) etc. The item includes polishing the wood surfaces with melamine polish and inside surfaces to have 0.8 mm thk white laminate finish etc. complete to the satisfaction of Architect / Bank's Engineer. (Only front elevation will be considered for area calculation)	Sq.Mt.	8.00		
b	Providing & fixing Low Height Storage Cupboard with same specificatin as mentioned in item 5a above for box storage cupboard but height of 750-900mm etc. complete to the satisfaction of Architect/Bank's Engineer. (Only front elevation to be considered for area calculation)		23.00		

S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
c	Providing and fixing Louvered Shutter Cabinet for main panel fabricated out of 19 mm thick commercial board and finished with 1 mm thick laminate of approved make, shade and texture, louvers fabricated out of steam beech wood duly polished with melamine spray and all other specifications as per item no. 5 etc. complete complete to the satisfaction of Architect/Bank's Engineer. (Only front elevation to be considered for area calculation)	Sq.Mt.	6.00		
6.00	MISCELLANEOUS				
a	Providing and fixing Box Notice Board with 19mm thk. BWR ply with frame & sides finished with 1.0 mm thk. decorative texture laminate. Box to have 75x35mm teak wood shutters with 6mm thk. clear float glass. The back to have 6mm thk. BWR ply and 12mm thk. soft ply covered with cloth of approved 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.	2.00		
b	Providing & fixing 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 Architect/Bank's Engineer. Size of Bank Logo shall be 600x600mm.	Nos	1.00		
c	Providing and fixing Digital Glass Frosting Film (3M) for frosting as per design in all shapes including curve shapes etc. complete to the satisfaction of Architect/Bank's Engineer.		10.00		
d	Providing & applying the walls, ceiling and elsewhere with Plastic Emulsion Paint (roller finish) after preparing the base by removing existing paint/ finish and applying 2-3 coats of birla white putty for making the surface plane & smooth and than applying 2 or more coats of plastic emulsion paint with final coat done with rollers as per manufacturer's specifications etc. complete to the satisfaction of Architect/Bank's Engineer.	Sq.Mt.	50.00		
e	Providing and painting Synthetic Enamel Paint after removing old paint & preparing the base for the same with primer and applying 2 or more coats of paint as per manufacturer's specifications etc. complete to the satisfaction of Architect/Bank's Engineer.		5.00		
f	Providing and applying approx. 12mm thk. POP Punning on walls, ceiling and elsewhere to give a clean smooth and plumb surface as per the instructions of Architect/Bank's Engineer.		19.00		
g	Providing & applying Texture Paint (Okios/ Dulux/ Asian) in two or more shades as approved by Bank with roller & spray, after preparing the base for the same as per manufacturer's specifcations etc. complete to the satisfaction of Architect/Bank's Engineer. (Base Price of texture paint to be used to be Rs. 50/ sq.ft.).		150.00		
h	Providing and Supplying S.S. Dustbins , avg. 1 mm thick & avg. 200 mm dia. mouth tapering bucket type of avg. height 310 mm; as per approved pattern, with all turned, well-formed and moulded edges at the bucket rim. Item to include sample approval from Architect/Bank's Engineer.	Nos	10.00		
i	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 (Alubond/ 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. Providing and fixing theme at back of SWO Counter on 8mm toughned glass	Sq.Mt.	35.00		
j	with printed PVC d1gital film as per design approved by bank.	Sq.Mt.	10.00		

S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
h	Providing and placing 10mm toughned glass on table and counters.	Sq.Mt.	9.00		
7.00	READY MADE FURNITURE				
а	Providing & placing in position Sofa (Godrej/ Featherlite/ Wipro) having stainless steel frame, chrome plated legs, leaterite tapestry etc. complete as per selection and choice of Architect/ Bank's Engineer. (The Bank reserves the right to select any model/ series of base price mentioned against each item from any of the above makes).				
i	Three Seater Sofa (Godrej-Pisa/ Featherlite-Indulge/ Wipro-Equivalent) for Customer Lounge (Basic price to be Rs. 30000/ sofa).	Nos.	1.00		
b	Providing & placing in position Office Chairs (Godrej- Pulse series (Chrome)/ Featherlite- Astro series (Chrome)/ Wipro-Equivalent Executive Seating and Visitor Seating series) with chrome plated base, 5 nos. of castors, tilting, push back arrangement, handles, arms, multiple locking gas lift & net upholstery/ latherite tapestry etc. complete as per selection and choice of Architect/ Bank's Engineer. (The Bank reserves the right to select any model/ series of base price mentioned against each item from any of the above makes).				
i	Medium Back Chair for Staff (Basic price to be Rs. 9500/ chair).	Nos.	10.00		
ii	Visitor Chair for Visitors (Basic price to be Rs. 8500/ chair).	Nos.	10.00		
	PART II: ELECTRICAL WORK Particulars			Rate	
S.No.		Unit	Qty	(Rs.)	Amount (Rs.)
	Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light sockets etc. with 1.5 sq.mm. PVC insulated 1100 V Grade copper conductor (FRLS) wires & 1.5 sq.mm. copper earth wire in concealed/ surface using 16 SWG MS conduits, accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc (whereever required) and chromium plates brass screws/ rowel plug etc. The circuit wiring starting from DB to point control box/ switch box using 2 X 2.5 sq.mm PVC insulated 1100 V grade multi- stranded copper conductor wire & 2.5 sq.mm. PVC insulated earth wire (color code to be used). (Flexible conduit/ elbow not allowed). The conduit to be laid in ceiling with proper clamps/ wall/ floor and flling the chase with cement mortar and finishing the same in original form/ wooden partition/ above false ceiling with proper clamps etc. all complete.				
	(Wherever required as per standard specifications). i) Each circuit shall have independent earth wire.				
	ii) Each point shall be earthed.				
	iii) Circuit wiring is to be included in point wiring rates.				
i ii	One light points controlled by one 6 amp. Modular switch Two light points controlled by one 6 amp. Modular switch	Nos. Nos.	9.00 14.00		
iii	Three light points controlled by one 6 amp. Modular switch	Nos.	4.00		
iv	Four light points controlled by one 6 amp. Modular switch	Nos.	5.00		
v vi	Five light points controlled by one 6 amp. Modular switch One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell	Nos. Nos.	2.00 1.00		
vii	One wall fan/ exhaust fan point controlled by one 6 amp. Modular switch. The switch should be at switchboard level	Nos.	14.00		
	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc.		0.00		
a ix	Dependent One ceiling fan point with step type regulator	Nos. Nos.	6.00 2.00		
x	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 6A, 5 Pin modular socket controlled by one 6A switch and looped to the nearest second point with same 2*2.5 + 1*2.5 Sqmm copper conductor wires FRLS insulated 1100V grade.				
а	Primary	Nos.	6.00		
b	Secondary	Nos.	10.00		
xi	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 16 Amp MCB two Nos. , for Glow sign Board.		2.00		
а	Primary Point	Nos.	∠.00		

S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
0.00					
2.00	POWER POINTS 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				
a)	switch/ socket/ plate etc. complete assembly). Primary point	Nos.	7.00		
b)	Secondary point	Nos.	6.00		
2(0)	Some as parial no 1, but wiring for A/C packet by using 2*4 or mm D/C	Nee	3.00		
3(a)	Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 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 to stabilizer to the point near the indoor unit including top.		3.00		
3(b)	Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 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 32 Amp (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit. Item to also include termination lid between MCB and outdoor unit.		1.00		
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 and weather proof type 4 way SPN DB complete in all respects controlled by with 40 Amp TPN (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit (includes wires for terminal connection of outdoor unit from TPN) including wiring to the terminals of the outdoor unit from weather proof box. Item to also include termination lid between MCB and outdoor unit.		3.00		
4.00 a	COMPUTER POINTS 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 swtich 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.				
	Primary	Nos.	5.00		
b	Secondary 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 1 nos. 16 amps 5 pin modular type sockets, 1 No's 16 amps modular swtich 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 and sockets under the counter. or as directed by the engineer incharge.		8.00		
	Primary Secondary	Nos.	2.00 2.00		┼───┤
	oconiual y	Nos.	∠.00		
В.	CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.				
1.00	TELEPHONE SYSTEM				┼───┤
	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 telephone socket with shutter, RJ 47 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.		11.00		

S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1.20	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 10 pair krone tag block with enclosure.	Nos.	1.00		
2.10	COMPUTER NETWORKING 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 lenght, from the I/O hub to the point.		15.00		
2.20	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		
	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	2.00		
	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord) Supplying and fixing Patch Cord-1 Meter-	Nos. Nos.	15.00 26.00		
		1100.	20.00		
	CABLES, MAINS & SUBMAINS Supplying all materials and laying/ pulling 1100 volts grade PVC insulated copper conductor wires (FRLS) 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	2 X 6 sq.mm. + 1 X 6 sq.mm.	RM	30.00		
ii	2 X 4 sq.mm. + 1 X 4 sq.mm.	RM	20.00		
iii	Supplying, laying, testing & commissioning of 4 C X 16 sq.mm. at 1100 volts grade PVC insulated aluminium conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (, LIGHT PLUG DB, UPS Room & Power DB).		35.00		
iv	Supplying, laying, testing & commissioning of 4 C X 25 sq.mm. at 1100 volts grade PVC insulated aluminium conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (AC DB).		10.00		
vi	Supplying, laying, testing & commissioning of 4 C X 50 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (for Main Connection)		40.00		
D.	DISTRIBUTION BOARD				
	Supplying, installing, testing & commissiong of surface/ recessed mountings, Double door 415 volts TPN MCB distribution board of steel steel, 1.6mm 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 and shall be of 125 A.				
	UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.				

S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	All internal inter connecting wiring with in 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.				
а	6-way TPN DB (LIGHT DB & 6 A raw point)	No.	1.00		
	Incomer:-				
	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase				
	Outgoing:-				
	12 Nos.10/20 Amp (10 KA) SP MCB				
b	6-way TPN DB (POWER DB)	No.	1.00		
-	Incomer:-				
	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase				
	Outgoing:-				
	12 Nos.10/20 Amp (10 KA) SP MCB				
		. .			
С	8-way SPN DB (UPS INPUT)	No.	1.00		
	Incomer:- 1 No. 63 Amp TPN				
	Outgoing:-				
	2 Nos.40 Amp DP MCB				
d	4-way V-TPN DB (AC)	No.	1.00		
	Incomer:-				
	1 No. 63 Amp TPN 4 Pole (16KA) MCCB				
	Outgoing:-				
	3 Nos. 32 Amp (10 KA) TP MCB 3 Nos. 32 Amp (10 KA) SP MCB				
	S NOS. 32 AMP (TO KA) SP MCB				
f	2-way SPN DB with 40 A DP MCB (For UPS Input / output)	No.	1.00		
g	12-way SPN DB (For UPS OUTPUT)	No.	1.00		
	Incomer:-				
	1 No. 40 Amp DP (10 KA) MCB with 40 A DP RCCB (100 MA)				
	Outgoing:-				
	8 Nos.6/10/16 Amp (10 KA) SP MCB				
		NL	1.00		
h	8-way SPN DB (For ELOBBY UPS OUTPUT)	No.	1.00		
	Incomer:- 1 No. 25 Amp DP (10 KA) MCB with 25 A DP RCCB (100 MA)				
	Outgoing:-				
	4 Nos.6/10/16 Amp (10 KA) SP MCB	ļ			
i	8-way SPN DB (For ELOBBY Light & Power db)	No.	1.00		
	1 No. 40 Amp DP (10 KA) MCB with 40 A DP RCCB (100 MA)				
	Outgoing:- 4 Nos.6/10/16 Amp (10 KA) SP MCB				+
	(LIGHT FITTINGS & ACCESSORIES)	ļ			
E					
E	Supplying, installation with hanging support, testing and commissioning of				
<u> </u>	Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing				
<u> </u>	Supplying, 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				
<u> </u>	Supplying, 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 Fixures should be covered with minimum				
<u> </u>	Supplying, 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 Fixures should be covered with minimum 3 Years onsite replacement warranty).		24 00		
Ē	Supplying, 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 Fixures should be covered with minimum 3 Years onsite replacement warranty). FULL GLOW 2 X 2 LED 32 W slim Smart Panel of make As specified in		24.00		
E i	Supplying, 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 Fixures should be covered with minimum 3 Years onsite replacement warranty). FULL GLOW 2 X 2 LED 32 W slim Smart Panel of make As specified in tender document or approved by SBI/ Architect. Supplying, fixing, testing and commissioning of 15/18 W LED commercial type down lighter of make As specified in tender document or approved by	Nos.	24.00 14.00		
i	Supplying, 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 Fixures should be covered with minimum 3 Years onsite replacement warranty). FULL GLOW 2 X 2 LED 32 W slim Smart Panel of make As specified in tender document or approved by SBI/ Architect. Supplying, fixing, testing and commissioning of 15/18 W LED commercial type down lighter of make As specified in tender document or approved by SBI/ Architect. Supplying, fixing, testing and commissioning of 20 W LED T-5 fitting make	Nos. Nos.			
i	Supplying, 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 Fixures should be covered with minimum 3 Years onsite replacement warranty). FULL GLOW 2 X 2 LED 32 W slim Smart Panel of make As specified in tender document or approved by SBI/ Architect. Supplying, fixing, testing and commissioning of 15/18 W LED commercial type down lighter of make As specified in tender document or approved by SBI/ Architect. Supplying, fixing, testing and commissioning of 20 W LED T-5 fitting make As specified in tender document or approved by SBI/ Architect.	Nos. Nos. Nos.	14.00 10.00		
i	Supplying, 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 Fixures should be covered with minimum 3 Years onsite replacement warranty). FULL GLOW 2 X 2 LED 32 W slim Smart Panel of make As specified in tender document or approved by SBI/ Architect. Supplying, fixing, testing and commissioning of 15/18 W LED commercial type down lighter of make As specified in tender document or approved by SBI/ Architect. Supplying, fixing, testing and commissioning of 20 W LED T-5 fitting make	Nos. Nos. Nos.	14.00		

S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
V	Wall mounted fans 400/450 mm dia. make As specified in tender document or approved by SBI/ Architect. (METAL BODY)	Nos.	11.00	(10)	
vi	Ceiling fans 1200 mm dia. make As specified in tender document or approved by SBI/ Architect.	Nos.	2.00		
vii	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.		1.00		
	EARTHING SYSTEM				
1.00	Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copper-bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor 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).		2.00		
	Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copper-bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor 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).		2.00		
	Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.				
i	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 eith using of copper lug at end termination		90.00		
	MAIN PANEL AND METER BOARD				
1.00	supply, installation, testing and commissionings of cubicle type floor/wall mounted L.T. Metal D.B of reputeded make with extendeble rotary handle and extended connecting links				
	1 No. 125 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer		1.00		
	Designing, fabrication, supply, installation, testing and commissionings of front operated cubicle type compartmentalised, front access, free standing on 75MM "[" MS channel, dust and vermin proof (IP 42 degree protection) panel suitable for use at 415V, 3 phase, 4-wire/XLPE Cable 50Hz system suitable for fault level of required value symmetrical at 415V fabricated from 2 mm thick CRCA MS sheets with hinged, gaskettted (Metal based neoprene) locable doors having structural reinforcement including 3 mm thick gland plates on top and bottom, lifting hooks, GI earth strip of required size with 2 nos earth terminals, 1 nos 230V AC operated 250 mm X 250 mm size axial fans for exhaust of heat with On-Off toggle switches including 2 coated primer and 2 power coated paint fnish 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 (Supertech Power Control/Zeniya/Amptech/Neptune) or Equivalent as approved by Architect /Bank.				
	Type of Approval as instructed by the SBI/ Architect). 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 by Architect / SBI				
а.	Floor panel shall consists of : -				
	INCOMER FROM MAIN LINE 1 No. 125 Amps,TPN MCCB (25 KA) with extendeble rotary handle each thermal over current, instantaneous, Short circuit realease,Earth fault.				

150 amps TPN pole busbar chamber of suitable engly with copper busbars. All busbars and interconnections shall be of suitable size copper eligips. NDICATING PANEL Digital flush type class-1.0 accuracy multifunction meter showing V, A, P Fetc. with 3 Nos. current transformers of 125/5A ratio. 10 VA Class-1.0 metating1 sets	S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
Digital Tush type dass-1.0 accuracy multifunction meter showing V. A, PF etc. with 3 Nos. current transformers of 125/5A ratio. 10 VA Class-1.0 matering1 sets Image: Class C		busbars. All busbars and interconnections shall be of suitable size copper			(1(3.)	
showing V. A. PF etc. with 3 Nos. current transformers of 125/5A ratio. 10 VA Class-1.0 metering 1 sets Red/Blue/Yeb with phase indicating lamps with SP MCB backup protection. UTGONIGS: 1 Nos 40A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wite connection to Bus bars. For ACV VTPN. b INCOMER FROM MAIN PANEL BUS BAR 1 No. 126 Amp. FPN Dole Bus Bars. For ACV VTPN. b INCOMER FROM MAIN PANEL BUS BAR 1 No. 126 Amp. FPN Dole bus bars. For ACV VTPN. c Into 2 Amp. FPN Dole bus bars. For ACV VTPN. c Into 2 Amp. FPN Dole bus bars. For ACV VTPN. c Into 2 Amp. FPN Dole bus bars. For ACV VTPN. c Into 2 Amp. FPN Dole bus bars. For ACV VTPN. c Into 2 Amp. FPN Dole bus bars. For ACV VTPN. c Into 2 Amp. FPN Dole bus bars. For ACV VTPN. c Into 2 Amp. FPN Dole bus bars. For ACV VTPN. c Into 2 Amp. FPN Dole bus bars. For ACV VTPN. c Into 2 Amp. FPN Dole bus bars. For ACV VTPN. c Into 2 Amp. FPN Dole bus bars. For ACV VTPN. c Into 2 Amp. FPN Dole bus bars. For ACV VTPN. c Into 2 Amp. FPN Dole bus bars. For ACV VTPN. c Into 2 Amp. FPN Dole bus bars. For ADV Class 2 Amp. For Dole bus bars. For ADV Class 2 Amp. For Dole bus bars. For ADV Class 2 Amp. For DOLE (Into A) terminals suitable to receive cable on one side and wire connection to Bus bars. (For DDB & UPS) 2 Nos 40A TPN MCB (10 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For DDB & Spare) 2 Nos 40A TPN MCB (10 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For DDB & Spare) 2 Nos 40A TPN MCB (10 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For DDB & Spare) 2 Nos 40A TPN MCB (10 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ADB & Spare) 2 Nos 40A TPN MCB (10 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ADB & Spare) 2 Nos 40A TPN MCB (10 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ADB & Spare) 2 Nos 40		INDICATING PANEL				
Red/Bue/Yellow three phase indicating lamps Image: Control of Control of Control of Control of Control of Control Operation on the control of Control Operation on Control Operation Operation on Control Operation Operatio Contro Operation on Control Operation Operation Operation Contr		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				
UTGOINGS: Invs 400 TPM MCC6 (16 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank, Invs 65 AT FPM MCC6 (16 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. For AC VTPN, b MCCOMER FROM MAIN PANEL BUS BAR Immodel (16 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. For AC VTPN, b MCCOMER FROM MAIN PANEL BUS BAR Immodel (16 KA) terminals suitable to receive cable on one side and wire connections shall be of suitable size copper busbars. All busbars and interconnections shall be of suitable size copper sirips. HDICATING PANEL Immodel (16 KA) terminals suitable to receive cable on one side and wire connections shall be of suitable size copper sirips. Digital flush type class-10 accuracy multifunction meter busbars. All busbars and interconnections shall be of suitable size copper sirips. Immodel (16 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For PDB & UPS) DUIGOMOS: 2 Nos 40A TPM MCB (10 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & Strict) Immodel (16 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & Strict) 10 Bus bars. (For PDB & UPS) 1 Nos 40A TPM MCB (10 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & Strict) 10 Bus bars. (For PDB & UPS) 3 Nos 40A DP MCB (10 KA) terminals suitable to receive cable on one side and wire connection to Bu		Red/Blue/Yellow three phase indicating lamps				
side and wire connection to Bus bars. For capacitor Bank, Image: Connection to Bus bars. For AC VTPN, inc. 125 Amps. TPN MCCB (16 kA) terminals suitable to receive cable on one Image: Connection to Bus bars. For AC VTPN, inc. 125 Amps. TPN MCCB (25 KA) with extendeble rotary handle. Image: Connection to Bus bars. For AC VTPN, BUSEARS Image: Connection to Bus bars. For AC VTPN, Image: Connection to Bus bars. For AC VTPN, BUSEARS Image: Connection to Bus bars. For AC VTPN, Image: Connection to Bus bars. For AC VTPN, BUSEARS Image: Connection to Bus bars. For AC VTPN, Image: Connection to Bus bars. For AC VTPN, BUSEARS Image: Connection to Bus bars. For AC VTPN, Image: Connection to Bus bars. For AC VTPN, InDICATING PANEL Image: Connection to Bus bars. For Connection to Bus bars. For CONNES: Image: Connection to Bus bars. For CONNES: 2 Nos 63A TPM MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & BRANCH UPS) Image: Connection to Bus bars. (For ATM & BRANCH UPS) 3 Nos 40A TPM MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & BRANCH UPS) Image: Connection to Bus bars. (For ATM & BRANCH UPS) 3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & Store ATM & St						
side and wire connection to Bus bars. For AC VTPN,		side and wire connection to Bus bars. For capacitor Bank ,				
Inc. 125 Amp 4-P On Load Change over switch with 1 No. 125 Amps, TPN MCCB (25 KA) with extandeble rotary handle. BUSBARS 125 amps TPN pole busbar chamber of suitable length with copper busbars. All busbars and interconnections shall be of suitable size copper sitips. INDICATING PANEL Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. current transformers of 125/54 ratio, 10 VA Class-1.0 metering 1 sets OUTGOINGS: 2 Nos 63A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For PDB & UPS) 2 Nos 64A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For LDB & Spare) 2 Nos 64A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For LDB & Spare) 2 Nos 64A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & BRANCH UPS.) 3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & BRANCH UPS.) 3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & BRANCH UPS.) 3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & BRANCH UPS.) 3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. 100 Supply		, ,				
with 1 No. 125 Amps, TPN MCCB (25 KA) with extendeble rotary handle. Image: Constraint of the interval	b	INCOMER FROM MAIN PANEL BUS BAR				
125 emps TPN pole busbar chamber of suitable length with copper busbars. All busbars and interconnections shall be of suitable size copper strips. INDICATING PANEL						
busbars. All busbars and interconnections shall be of suitable size copper strips. Image: Copper Strips. INDICATING PANEL Image: Copper Strips. Image: Copper Strips. 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 metering1 sets Image: Copper Strips. OUTGOINGS:- 2 Nos 63A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For PDB & UPS) Image: Copper Strips. 2 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & ShANCH UPS) Image: Copper Strips. 3 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & ShANCH UPS) Image: Copper Strips. 3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & SIGNAGE, SPARE) Image: Strips. 3.00 Supply, installation, testing and commissioning of 15 KVAR capacitor as following- Image: Strips. Incoming- 40A 4pole MCCB, Outgoing- 6 stage power factor relay with 3 nos. Sto? current transformer for current sensing capasitor 1 KVAR - 1 nos. 2 KVR- 2nos, 5 KVR- 2 nos. Contractors and 3PM MCB and each complete withphase indication and stage indication. MS cubical having ventilation with wiremesh, copper conductors and aluminium busbars etc complete as per direction of Achited. Rank. (Selec/Neptune/ABB) Image: Strips. Imagee: Strips. H		BUSBARS				
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		busbars. All busbars and interconnections shall be of suitable size copper				
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						
showing V, A, PF etc. with 3 Nos. current transformers of 125/5A ratio, 10 VA Class-1.0 metering 1 sets						
OUTGOINGS: Image: Constraint of the constrai		showing V, A, PF etc. with 3 Nos. current transformers of 125/5A ratio, 10 VA				
2 Nos 63A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For DB & UPS) 2 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For CLDB & Spare) 2 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & BRANCH UPS) 1000000000000000000000000000000000000						
2 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For LDB & Spare) 2 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & BRANCH UPS) 3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & BRANCH UPS) 3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & BRANCH UPS) 3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & SIGENAGE.SPARE) The electrical panel as described above and specifications complete. Set 1.00 3.00 Supply, installation, testing and commissioning of 15 KVAR capacitor as following- Incoming- 40A 4pole MCCB, Outgoing- 6 stage power factor relay with 3 Nos. 50% current transformer for current sensing capasitor 1 KVR - 1 nos, 2 KVR - 2 nos. 5 KVR - 2 nos. Contractors and TP MCB on each complete with phase indication and stage indication. MS cubical having ventilation with wiremesh, copper conductors and aluminium busbars etc complete as per direction of Architect /Bank. (Selec/Neptune/ABB) H PUBLIC ADDRESS SYSTEM 1.00 Supply and laying Wing of 1.5 sq mm twin core shelded type of speaker cable with Providing and fixing in position the following FRLS PVC conduits including 1.6/2.0 mm thick PVC junction or pull boxes with 3mm thick perspex sheet cover plate complete with 1.6 mm dia G.1. pull wires in the length of conduit. including all accessaries. 2.00 Supply, installation, testing and commissioning of following Philips (BOSCH) make Music Accessaries / Equipments. a. Ceiling Speaker Unit 6 Watts b Power Amplifier, min 70 Wat		2 Nos 63A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection				
2 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & BRANCH UPS) 3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & SIGNAGE,SPARE) The electrical panel as described above and specifications complete. Set 1.00 3.00 Supply, installation, testing and commissioning of 15 KVAR capacitor as following- Incoming- 40A 4pole MCCB, Outgoing- 6 stage power factor relay with 3 nos. 50/5 current transformer for current sensing capasitor 1 KVR- 1 nos. 2, KVR- 2 nos., 5 KVR- 2 nos. Contractors and TP MCB on each complete withphase indication and stage indication. MS cubical having ventilation with wiremesh, copper conductors and aluminium busbars etc complete as per direction of Architect /Bank. (Selec/Neptune/ABB) BubLic ADDRESS SYSTEM Supply and laying Wiring of 1.5 sq mm twin core shelded type of speaker could by the sense cover plate complete with 3 fixing in position the following FRLS PVC conduits including all accessories concealed/exposed in F.Ceiling/Wall complete as required including 1.6/2.0 mm thick PVC junction or pull boxes with 3mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit. including all accessaries. Coeling Speaker Unit 6 Watts Coeling Speaker Unit 6 Watts Nos. 6.00 Power Amplifier, min 70 Watts with output transformer etc. complete. Plena Range/ Ahuja or as approved by the Bank capable of taking Inputs from USB Also. Also. Also. Also. Also. 		2 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection				
3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM & SIGNAGE,SPARE) 1.00 The electrical panel as described above and specifications complete. Set 1.00 3.00 Supply, installation, testing and commissioning of 15 KVAR capacitor as following- 1.00 Incoming- 40A 4pole MCCB, Outgoing- 6 stage power factor relay with 3 nos. 50/5 current transformer for current sensing capasitor 1 KVR- 1 nos, 2 KVR- 2nos., 5 KVR- 2 nos. Contractors and TP MCB on each complete withphase indication and stage indication. MS cubical having ventilation with wiremesh, copper conductors and aluminium busbars etc complete as per direction of Architect /Bank. (Selec/Neptune/ABB) 1.00 H PUBLIC ADDRESS SYSTEM 1.00 1.00 Supply and laying Wiring of 1.5 sq mm twin core shelded type of speaker cable with Providing and fixing in position the following FRLS PVC conduits including all accessories concealed/exposed in F.Ceiling/Wall complete as required including 1.6/2.0 mm thick PVC junction or pull boxes with 3mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit. including all accessaries. 6.00 2.00 Supply, Installation, testing and commissioning of following Philips (BOSCH) make Music Accessories / Equipments. Nos. 6.00 a. Ceiling Speaker Unit 6 Watts Nos. 6.00 1.00		2 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one				
SIGNAGE,SPARE) Image: Signage: Spare in the electrical panel as described above and specifications complete. Set 1.00 3.00 Supply, installation, testing and commissioning of 15 KVAR capacitor as following- Image: Signage: S		3 Nos 40A DP MCB (10 kA) terminals suitable to				
3.00 Supply, installation, testing and commissioning of 15 KVAR capacitor as following- 1.coming- 40A 4pole MCCB, Outgoing- 6 stage power factor relay with 3 nos. 50/5 current transformer for current sensing capasitor 1 KVR- 1 nos, 2 KVR- 2nos., 5 KVR- 2 nos. Contractors and TP MCB on each complete withphase indication and stage indication. MS cubical having ventilation with wiremesh, copper conductors and aluminium busbars etc complete as per direction of Architect /Bank. (Selec/Neptune/ABB) 1.00 H PUBLIC ADDRESS SYSTEM 6.00 1.00 Supply and laying Wiring of 1.5 sq mm twin core shelded type of speaker conducting and fixing in position the following FRLS PVC conduits including all accessories concealed/exposed in F.Ceiling/Wall complete as required including 1.6/2.0 mm thick PVC junction or pull boxes with 3 mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit. including all accessaries. Nos. 6.00 2.00 Supply, installation, testing and commissioning of following Philips (BOSCH) make Music Accessories / Equipments. Nos. 6.00 a. Ceiling Speaker Unit 6 Watts Nos. 6.00 1.00 b Power Amplifier, min 70 Watts with output transformer etc. complete. Plena Range/ Ahuja or as approved by the Bank capable of taking Inputs from USB Also. Nos. 1.00		SIGNAGE,SPARE)				
following- Incoming- 40A 4pole MCCB, Outgoing- 6 stage power factor relay with 3 nos. 50/5 current transformer for current sensing capasitor 1 KVR- 1 nos, 2 KVR- 2nos, 5 KVR- 2 nos. Contractors and TP MCB on each complete withphase indication and stage indication. MS cubical having ventilation with wiremesh, copper conductors and aluminium busbars etc complete as per direction of Architect /Bank. (Selec/Neptune/ABB) 1.00 H PUBLIC ADDRESS SYSTEM 6.00 1.00 Supply and laying Wiring of 1.5 sq mm twin core shelded type of speaker cable with Providing and fixing in position the following FRLS PVC conduits including all accessories concealed/exposed in F.Ceiling/Wall complete as required including 1.6/2.0 mm thick PVC junction or pull boxes with 3mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit. including all accessaries. Nos. 6.00 2.00 Supply, installation, testing and commissioning of following Philips (BOSCH) make Music Accessories / Equipments. Nos. 6.00 a. Ceiling Speaker Unit 6 Watts Nos. 6.00 b Power Amplifier, min 70 Watts with output transformer etc. complete. Plena Range/ Ahuja or as approved by the Bank capable of taking Inputs from USB Also. Nos. 1.00		The electrical panel as described above and specifications complete.	Set	1.00		
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Range/ Ahuja or as approved by the Bank capable of taking Inputs from USB						
	b	Range/ Ahuja or as approved by the Bank capable of taking Inputs from USB		1.00		
PART II: AIR CONDITIONING WORK						

S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	SPLIT/ CASSETTE TYPE AIR CONDITIONERS				
	Supplying, erection, testing and commissioning following wall mounted Split/ Root mounted cassette units of (Toshiba/ Mitsubhishi/ Hitachi/ Daikin/ O- General/ Voltas/ Bluestar / Carrier) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with (All coils – 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. <i>Item to include powder coated outdoor stands as per the manufacturer specifications.(Rates to be inclusive of Copper</i> <i>refrigerant pipe with insulation up to 3 Mtr length only for Each split AC</i> <i>Unit)</i>				
	1.5 TR split AC 5 star rating inverter type including all necessary fittings	Nos.	3.00		
b	and mountings as specified by the manufacturer 2.0 TR Cassette AC inverter type Ceiling suspended Cassette with 4 way / round air flow including all necessary fittings and mountings as specified by the manufacturer. (Single Phase)		1.00		
С	3.0 TR Cassette AC inverter type Ceiling suspended Cassette with 4 way / round air flow including all necessary fittings and mountings as specified by the manufacturer.	Nos.	3.00		
2.00	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 1.0/1.5/ 2.0 TR Split type AC and 2.0 TR/ 3.0 TR Cassette AC - From Indoor to outdoor Units (make as approved by Architect/ Bank)		20.00		
	For 1.5 TR/ 1.0 TR Split AC as specified by the manufacturer For 2.0 TR/ 3.0 TR Cassette as specified by the manufacturer	Mtr.	55.00		
3.00	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 (make as approved by Architect/ Bank). 25 mm dia PVC drain pipe for Split AC		15.00		
b	32 mm dia PVC drain pipe for Cassette AC	Mtr.	40.00		
	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 @ 6" 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.				
	For 1.5 Hi Wall split units For 2/3.0 TR Ceiling mounted cassette unit	Nos. Nos.	3.00 4.00		
	Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 1.0/1.5 TR Split type AC (make as approved by Architect/ Bank).		30.00		
7	Supplying and laying of Extra Electrical interconnecting control cables from indoor to outdoor of size as specified by the manufacturer suitable for 2/3.0T Cassette type AC (make as approved by Architect/ Bank). Supplying, installation and commissioning of voltage stablizer of range 170-280 V for Acs (V-guard/ Livguard/ Kirnotics make as approved by Architect/ Bank).		65.00		
	Bank). For 1.5 Tr. Wall mount (4 Kva)	Nos.	3.00		
8	Supplying, installation and commissioning of automatic 24 HRS. programmable TIMER of required capacity to run A.C. alternately (MDS/ L&T/ make as approved by Architect/ Bank).	Nos.	1.00		

S.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	TOTAL				
	Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to site. only GST will be paid Extra				