## BILL OF QUANTITIES FOR ELECTRICAL & ALLIED WORKS FOR STATE BANK OF INDIA JAKHAN BRANCH AT DEHRADUN, UTTARAKHAND (EXISTING PREMISES)

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
1	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.				
i	One light points controlled by one 6 amp. Modular switch	Nos.	10.00		
ii	Two light points controlled by one 6 amp. Modular switch	Nos.	11.00		
iii	Three light points controlled by one 6 amp. Modular switch	Nos.	12.00		
iv	Four light points controlled by one 6 amp. Modular switch	Nos.	8.00		
V	Five light points controlled by one 6 amp. Modular switch	Nos.	4.00		
vi	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell	Nos.	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		
viii	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc.				
a	Dependent	Nos.	6.00		
	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.				
ix					
	Primary	Nos.	5.00		
b	Secondary	Nos.	9.00		
X	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.				
a	Primary Point	Nos.	2.00		
2	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 1st socket and 1st to 2nd, 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).				
a)	Primary point	Nos.	8.00		
b)	Secondary point	Nos.	6.00		

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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(b) 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 4 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.  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 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. 6.00  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.  Primary  Nos. 2.00  Secondary  Nos. 2.00  Secondary  Nos. 2.00  Secondary  Nos. 2.00	arthing with 1*4.0 sq.mm. PVC insulated 1100 V modular type AC box(tiny trip type) with socket 25/32 A SP MCB to be provided near indoor unit. Ito the point near the indoor unit including top.  C socket by using 4*6 sq.mm. PVC insulated 1100 V modular type 4 way SPN DB complete in all (10 KA) MCB to be provided near outdoor unit. Integrate the outdoor unit.  Imm. PVC insulated 1100 V grade multi stranded k PVC conduit from UPS DB to computer point. It is pin modular type sockets, one 6 amps modular type sockets under the counter.  Nos. 6.00 Nos. 10.00  Imm PVC insulated 1100 V grade multi stranded k PVC conduit from UPS DB to computer point. It is suited to be fixed or and sockets under the counter.  Nos. 6.00 Nos. 10.00  Imm PVC insulated 1100 V grade multi stranded k PVC conduit from UPS DB to computer point.  S pin modular type sockets, 1 No's 16 amps inner/ outer plates, metal box etc and to be fixed in wall etc as per requirement at site. The switch
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 4 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.  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 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. 6.00  Secondary  Nos. 10.00  b 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.  Primary  Nos. 2.00  Secondary  Nos. 2.00  Secondary  Nos. 2.00  Secondary  Nos. 2.00	arthing with 1*6.0 sq.mm. PVC insulated 1100 V ther proof type 4 way SPN DB complete in all (10 KA) MCB to be provided near outdoor unit.  mear the outdoor unit.  .mm. PVC insulated 1100 V grade multi stranded k PVC conduit from UPS DB to computer point. In pin modular type sockets, one 6 amps modular per plates, metal box etc. and to be fixed on wooden per requirement at site. The switch should be fixed and sockets under the counter.  Nos. 6.00  Nos. 10.00  .mm PVC insulated 1100 V grade multi stranded k PVC conduit from UPS DB to computer point.  5 pin modular type sockets, 1 No's 16 amps inner/ outer plates, metal box etc and to be fixed a wall etc as per requirement at site. The switch
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 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. 6.00  Secondary Nos. 10.00  b 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.  Primary Nos. 2.00  Secondary Nos. 2.00  Secondary Nos. 2.00  CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING	k PVC conduit from UPS DB to computer point. It pin modular type sockets, one 6 amps modular per plates, metal box etc. and to be fixed on wooden per requirement at site. The switch should be fixed at and sockets under the counter.  Nos. 6.00  Nos. 10.00  Imm PVC insulated 1100 V grade multi stranded k PVC conduit from UPS DB to computer point.  5 pin modular type sockets, 1 No's 16 amps inner/ outer plates, metal box etc and to be fixed at wall etc as per requirement at site. The switch
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 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. 6.00  Secondary Nos. 10.00  b 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.  Primary Nos. 2.00  Secondary Nos. 2.00  Secondary Nos. 2.00  CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING	k PVC conduit from UPS DB to computer point. It pin modular type sockets, one 6 amps modular per plates, metal box etc. and to be fixed on wooden per requirement at site. The switch should be fixed at and sockets under the counter.  Nos. 6.00  Nos. 10.00  Imm PVC insulated 1100 V grade multi stranded k PVC conduit from UPS DB to computer point.  5 pin modular type sockets, 1 No's 16 amps inner/ outer plates, metal box etc and to be fixed at wall etc as per requirement at site. The switch
Secondary  b 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.  Primary  Nos. 2.00  Secondary  Nos. 2.00  CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING	.mm PVC insulated 1100 V grade multi stranded k PVC conduit from UPS DB to computer point.  5 pin modular type sockets, 1 No's 16 amps inner/ outer plates, metal box etc and to be fixed wall etc as per requirement at site. The switch
b 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.  Primary  Nos. 2.00  Secondary  Nos. 2.00  CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING	.mm PVC insulated 1100 V grade multi stranded k PVC conduit from UPS DB to computer point.  5 pin modular type sockets, 1 No's 16 amps inner/ outer plates, metal box etc and to be fixed wall etc as per requirement at site. The switch
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.  Primary  Nos. 2.00  Secondary  Nos. 2.00  CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING	k PVC conduit from UPS DB to computer point.  5 pin modular type sockets, 1 No's 16 amps inner/ outer plates, metal box etc and to be fixed wall etc as per requirement at site. The switch
Secondary  Nos. 2.00  B. CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING	
B. CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING	Nos. 2.00
	Nos. 2.00
	E, COMPUTER & CONDUITING, WIRING
1.0 TELEPHONE SYSTEM	
1.1 Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6A 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-6A cable in PVC conduits throughout the lenght, from the I/O hub to the point.	0/ 25 mm including providing ferrules at both ends g providing & fixing frame for telephone socket nd mounting box complete of modular type. This
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	CITI OIL CAOIC III I VC CONQUITS UNOUGHOUT UIC
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.	ions, testing and commissioning of 0.51 mm dia with polythene capor barrier, telephone cables in ng providing &fixing conduit pipe or cable tray as
the existing tray or in conduit including providing &fixing conduit pipe or cable tray as	ions, testing and commissioning of 0.51 mm dia with polythene capor barrier, telephone cables in a providing &fixing conduit pipe or cable tray as a floor as required.
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 12 pair krone tag block with enclosure.  Nos. 1.00	ions, testing and commissioning of 0.51 mm dia with polythene capor barrier, telephone cables in a providing &fixing conduit pipe or cable tray as a floor as required.
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 12 pair krone tag block with enclosure.  Nos. 1.00  COMPUTER NETWORKING	ions, testing and commissioning of 0.51 mm dia with polythene capor barrier, telephone cables in an approviding &fixing conduit pipe or cable tray as a floor as required.  lock with enclosure.  Nos. 1.00
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 12 pair krone tag block with enclosure.  Nos. 1.00  COMPUTER NETWORKING  2.1 Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6A 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-6A with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6A cable in PVC conduits throughout the lenght, from the I/O hub to the point.	ions, testing and commissioning of 0.51 mm dia with polythene capor barrier, telephone cables in a providing &fixing conduit pipe or cable tray as a floor as required.  lock with enclosure.  Nos. 1.00  I Jack Panel in data rack to computer workstation conduits of size 20/25 mm including providing at both ends including providing & fixing frame faceplate and mounting box complete of modular and laying of CAT-6A cable in PVC conduits b to the point.
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 12 pair krone tag block with enclosure.  Nos. 1.00  COMPUTER NETWORKING  2.1 Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6A 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-6A with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6A cable in PVC conduits	ions, testing and commissioning of 0.51 mm dia with polythene capor barrier, telephone cables in a providing &fixing conduit pipe or cable tray as a floor as required.  lock with enclosure.  Nos. 1.00  I Jack Panel in data rack to computer workstation conduits of size 20/25 mm including providing at both ends including providing & fixing frame faceplate and mounting box complete of modular and laying of CAT-6A cable in PVC conduits b to the point.  In glass door, opening in the front power panel 1 Nos. 1.00
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 12 pair krone tag block with enclosure.  Nos. 1.00  COMPUTER NETWORKING  2.1 Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6A 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-6A with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6A cable in PVC conduits throughout the lenght, from the I/O hub to the point.  2.2 Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 Nos. 1.00 (horizontal), cable manager 1 lock & key).	ions, testing and commissioning of 0.51 mm dia with polythene capor barrier, telephone cables in a providing &fixing conduit pipe or cable tray as a floor as required.  Nos. 1.00  In Jack Panel in data rack to computer workstation conduits of size 20/ 25 mm including providing at both ends including providing & fixing frame faceplate and mounting box complete of modular and laying of CAT-6A cable in PVC conduits be to the point.  In glass door, opening in the front power panel 1 Nos. 1.00  Nos. 1.00
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 12 pair krone tag block with enclosure.  Nos. 1.00  COMPUTER NETWORKING  2.1 Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6A 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-6A with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6A cable in PVC conduits throughout the lenght, from the I/O hub to the point.  2.2 Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 Nos. 1.00 (horizontal), cable manager 1 lock & key).	ions, testing and commissioning of 0.51 mm dia with polythene capor barrier, telephone cables in ng providing &fixing conduit pipe or cable tray as e floor as required.  lock with enclosure.  Nos. 1.00  1 Jack Panel in data rack to computer workstation conduits of size 20/25 mm including providing at both ends including providing & fixing frame faceplate and mounting box complete of modular and laying of CAT-6A cable in PVC conduits b to the point.  In glass door, opening in the front power panel 1 Nos. 1.00  seey).  Sioning of 24 port Jack Panel.  Nos. 2.00

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C.				
С.	CADI EC MAINE & CUDMAINE			
1	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.			
	2 V ( + 1 V (	DM	25.00	
i ii	2 X 6 sq.mm. + 1 X 6 sq.mm. 2 X 4 sq.mm. + 1 X 4 sq.mm.	RM RM	35.00 40.00	
	2 X 4 Sq.IIIII. + 1 X 4 Sq.IIIII.	KIVI	40.00	
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, Power DB UPS Room,).	RM	50.00	
iv	Supplying, laying, testing & commissioning of 4 C X 35 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 (, VTPN Room,).	RM	20.00	
V	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 accessories, Clamps etc. as required as per specification (for Main Connection)	RM	50.00	
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.			
	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.			
a	6-way TPN DB (LIGHT DB & 6 A raw point )	No.	1.00	
u	Incomer:-	110.	1.00	
	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			
			1 T	
b	6-way TPN DB (POWER DB)	No.	1.00	

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	1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase			
	Outgoing:-			
	12 Nos.10/20/25/ Amp (10 KA) SP MCB			
c	12-way SPN DB (UPS INPUT)	No.	1.00	
	Incomer:-			
	1 No. 63 Amp TPN			
	Outgoing:-			
	3 Nos.40 Amp DP MCB			
	1			
d	2-way SPN DB with 40 A DP MCB (For UPS Input / output )	No.	3.00	
	and the second control of the second control			
e	12-way SPN DB (For UPS OUTPUT )	No.	1.00	
	Incomer:-	110.	1.00	
	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			
	8 NOS.0/10/10 Allip (10 KA) ST WCB			
<u> </u>	O CON DO (E. EL ODDY N. LOUTDUTE)	) I	1.00	
f	8-way SPN DB (For ELOBBY Normal OUTPUT )	No.	1.00	
	Incomer:-			
	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			
g	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			
h	6 -way V-TPN DB (AC)	No.	1.00	
	Incomer:-			
	1 No. 63 Amp 4 Pole (16 KA) MCCB			
	Outgoing:-			
	4 No. 40 Amp (16 KA) TP MCB			
	6 Nos.10/16/25/32 Amp (10 KA) SP MCB			
	0 1003.10/10/25/32 Amp (10 KA) 51 NICB			
E	(LIGHT FITTINGS & ACCESSORIES)			
L	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			
	).Philips,Wipro,Tisva,			
i	FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make As specified in tender	Nos.	30.00	
	document or approved by SBI/ Architect.			
ii	Supplying, fixing, testing and commissioning of 15/18 W LED commercial type down	Nos.	45.00	
	lighter of make As specified in tender document or approved by SBI/ Architect.	- 1001		
iii	Supplying, fixing, testing and commissioning of 5/7 W LED commercial type down	Nos.	10.00	
	lighter of make As specified in tender document or approved by SBI/ Architect.			
iv	Supplying, fixing, testing and commissioning of 20 W LED T 8 fitting make As	Nos.	8.00	
	specified in tender document or approved by SBI/ Architect.			
V	LED Strip for cove lighting 15 W per 5 M with driver fixed in aluminium corner profile	Nos.	15.00	
	with necessary installation supporting fittings of Led strip light (5 mtr.) make as			
	specified in tender document or approved by SBI/ Architect.			
	Tr			

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si Supplying, fixing, testing and commissioning of commercial type SI/SPFNDED Nos. 2.00  LIGHT FIXTURE Decorative Light, Wattage as per design required by arrehitect light of make As specified in tender document or approved by SBI/Architect. (Basic price start 5000 rs)  Wall mounted fans 400/450 mm dia, make As specified in tender document or approved by SBI/Architect. (Commissioning of the specified in tender document or approved by SBI/Architect. (Commissioning of Maintenace Free Earthing System naccessories etc. complete of make As specified in tender document or approved by SBI/Architect.  F. EARTHING SYSTEM  1 Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copper-bonder or of 10 feet length, 23 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 carthing, Earthing certificate to be submitted along with the bill).  2 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 carthing, Earthing certificate to be submitted along with the bill).  3 Providing and fixing of Copper/ Gil strips in surface or in recess for loop earthing earth enhancement material, Pit Cover and other applicable codes (include chamber for carthing, Earthing certificate to be submitted along with the bill).  3 Providing and fixing of Copper/ Gil strips in surface or in recess for loop earthing etc. as required cill using of copper lugal end termination.  G. MAIN PANEL AND METER BOAD  1 Supply, installation, testing and commissionings of cubicle type floor/wall mounted L.T. Metal DB of reputeded make wi		Page 5 of 7			
will mounted fins 400/450 mm dia make As specified in tender document or approved by SBI/ Architect. (METAL BODY)  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.  F. EARTHINGS SYSTEM  1 Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copper-bonder for 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 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).  3 Providing and fixing of Copper/ Gl strips in surface or in recess for loop earthing etc. as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).  4 Providing and fixing of Copper/ Gl strips in surface or in recess for loop earthing etc. as required ends as required eith using of copper lug at end termination.  5 Providing and fixing of Copper/ Gl strips in surface or in recess for loop earthing etc. as required ends as required eith using of copper lug at end termination.  6 MAIN PANEL AND METER BOARD  1 Supply, installation, testing and commissionings of cubicle type floor/wall mounted L.T. Metal DB of reputeded make with extendeble rotary handle and extended connecting links.  1 No. 160 Amps, TPN MCCB (25 KA) with standard enclosure as	vi	LIGHT FIXTURE Decorative Light ,Wattage as per design required by architect light of make As specified in tender document or approved by SBI/Architect. (Basic price	Nos.	2.00	
accessories etc. complete of make As specified in tender document or approved by SBL/Architect.  F. EARTHING SYSTEM  1 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 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 carthing, Earthing certificate to be submitted along with the bill).  3 Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.  1 Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.  2 Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.  3 Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.  4 Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required etih using of copper lug at end termination.  5 Providing and fixing a commissioning of cubic et yee floor/wall mounted L.T. Metal D.B of reputeded make with extendeble rotary handle and extended connecting links  1 No. 160 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer  4 Floor panel shall consists of:  1 NCOMER FROM MAIN LINE  1 No. 125 Amps,TPN MCCB (25 KA) with extendeble rotary handle each thermal over current, instantaneous, Short c	vii	Wall mounted fans 400/450 mm dia. make As specified in tender document or approved	Nos.	10.00	
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 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).  3 Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.  1 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  G. MAIN PANEL AND METER BOARD  1 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. 160 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer  a 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.  BUSBARS  150 amps 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 160/5	viii	accessories etc. complete of make As specified in tender document or approved by SBI/	Nos.	3.00	
1 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 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).  3 Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.  1 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  G. MAIN PANEL AND METER BOARD  1 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. 160 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer  3 Floor panel shall consists of:  1 NCOMER 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.  3 BUSBARS  1 So amps TPN pole busbar chamber of suitable length with copper busbars. All busbars and interconnections shall be of suitable size copper strips.  1 NDICATING PANEL  Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. current transformers of	F.	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).  3 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  G. MAIN PANEL AND METER BOARD  1 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. 160 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer  a 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.  BUSBARS  150 amps 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 160/5A ratio, 10 VA Class-1.0 metering 1 sets  Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 KA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,		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	Nos	2.00	
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  G. MAIN PANEL AND METER BOARD  1 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. 160 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer  a 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.  BUSBARS  150 amps 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 160/5A ratio, 10 VA Class-1.0 metering 1 sets  Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,	2	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	Nos	2.00	
recess for loop earthing along with the existing surface/ recess cable as required eith using of copper lug at end termination  G. MAIN PANEL AND METER BOARD  1 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. 160 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer  a 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.  BUSBARS  150 amps 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 160/5A ratio, 10 VA Class-1.0 metering 1 sets  Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,	3				
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. 160 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer  a 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.  BUSBARS  150 amps 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 160/5A ratio, 10 VA Class-1.0 metering 1 sets  Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,	i	recess for loop earthing along with the existing surface/ recess cable as required eith	RM	75.00	
Metal D.B of reputeded make with extendeble rotary handle and extended connecting links  1 No. 160 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer  a 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.  BUSBARS  150 amps 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 160/5A ratio, 10 VA Class-1.0 metering 1 sets  Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,	G.	MAIN PANEL AND METER BOARD			
specification or as approved by the architect/Bank's Engineer  a 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.  BUSBARS  150 amps 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 160/5A ratio, 10 VA Class-1.0 metering 1 sets  Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,	1	Metal D.B of reputeded make with extendeble rotary handle and extended connecting			
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.  BUSBARS  150 amps 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 160/5A ratio, 10 VA Class-1.0 metering 1 sets  Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,			Nos.	1.00	
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.  BUSBARS  150 amps 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 160/5A ratio, 10 VA Class-1.0 metering 1 sets  Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,		Floor would shall consists of a			
1 No. 125 Amps, TPN MCCB (25 KA) with extendeble rotary handle each thermal over current, instantaneous, Short circuit realease, Earth fault.  BUSBARS  150 amps 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 160/5A ratio, 10 VA Class-1.0 metering 1 sets  Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,	а	-			
150 amps 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 160/5A ratio, 10 VA Class-1.0 metering 1 sets  Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,		1 No. 125 Amps,TPN MCCB (25 KA) with extendeble rotary handle each thermal over			
150 amps 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 160/5A ratio, 10 VA Class-1.0 metering 1 sets  Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,		RUSBARS			
Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. current transformers of 160/5A ratio, 10 VA Class-1.0 metering 1 sets  Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,		150 amps TPN pole busbar chamber of suitable length with copper busbars. All busbars			
Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. current transformers of 160/5A ratio, 10 VA Class-1.0 metering 1 sets  Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,		INDICATING PANEL			
Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.  OUTGOINGS:-  2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,		Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3			
2 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank and AC VTPN,					
wire connection to Bus bars. For capacitor Bank and AC VTPN,		OUTGOINGS:-			
INCOMER FROM MAIN PANEL RUS RAR					
INCOMER FROM MAIN FAMEL DUS DAR		INCOMER FROM MAIN PANEL BUS BAR			
1no. 125 Amp 4P On Load Change over switch with 1 No. 125 Amps, TPN MCCB (25 KA) with extendeble rotary handle each thermal over current, instantaneous, Short		1no. 125 Amp 4P On Load Change over switch with 1 No. 125 Amps, TPN MCCB (25			
Circuit rearease, Earth rautt.					

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	BUSBARS				
	150 amps 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 125/5A ratio, 10 VA Class-1.0 metering 1 sets				
	Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.				
	OUTGOINGS:-				
	4 Nos 63A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For PDB,UPS, & SPARE)				
	2 Nos 40A 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		
b	Supplying, installation, testing & commissioning of 15 KVAR, APFC Panel auto operation with 12 steps stage and power factor should be nearing unity complete as required inluding all contactors, relays, indivating units etc. as required at site". Capacitor make: ABB/ Siemens/ Neptune	Set	1.00		
	5 nos. of capacitor duty contactors				
	2 Nos. 5 KVAR MPP type heavy duty capacitor banks along with 3 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 10 KA service breaking capacity with heavy duty solid detachable neutral link				
	1 Nos. 1 KVAR MPP type heavy duty capacitor banks along with 1 Nos. 10A TP MCB of 10 KA service breaking capacity with heavy duty solid detachable neutral link				
h	DISMANTLING AND TEMPORARY SHIFTING				
1	Dismantling and removal of unrequired existing wires, cable, conduits, fans, lights, DB's etc. and making the area free fom all debris to receive new works all complete as per the instructions of Bank's Engineer/ Architect. Note:- Contractor to confirm before dismantling which cables/ DBs/ electrical items etc. shall be dismantled and which shall be retained.	Job	1.00		
2	Making temporary connections and shifting of points all across the Branch and for workstations (Electrical, data, telephone and UPS) to enable smooth functioning of the branch during renovation all complete as per the instructions of Bank's Engineer/Architect. Item to include supplying all temporary wires, cables, conduits etc. for the same. Nothing extra shall be payable in this regard.	Job	1.00		
	TOTAL			RS.	
	CALVACE /DIIV DACV ITEMS ELECTRICAL O ALLIER IN	CTALL	ATIONS		
	SALVAGE /BUY BACK ITEMS ELECTRICAL & ALLIED IN SALVAGE:- Contractor to quote individual rates. Material of Salvage	STALL	ATIONS		
	should be disposed off on as-is where is basis.  If rates quoted below Reserve Price, it will be considered as reserve price				
	only.				
1	Wall Fan (Reserve Price - Rs. 500)	Nos.	-6.00		
2	Down lighter CFL Fixture/ Old LED (Reserve Price - Rs. 100)	Nos.	-10.00		
3	2' X 2' CFL Fixture (Reserve Price - Rs. 300)	Nos.	-10.00		
4	Tube ligths CFL type (Reserve Price - Rs. 50)	Nos.	-5.00		

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5	Wiring, cables, conduits, switch, socket, DBs, Panel, etc. (Reserve Price - Rs. 10000)	Set	-1.00		
	TOTAL SALVAGE ITEMS			RS.	
	TOTAL FOR ELECTRICAL & ALLIED WORKS AFTER SALVAGE ITEMS			Rs.	

Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to site. Only GST will be paid Extra