	Bill of Quantities For Electrical & Allied Works at SBI RBO at Greater Noida				
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.				
	iii) Circuit wiring is to be included in point wiring rates.				
i	One light points controlled by one 6 amp. Modular switch	Nos.	25.00		0.00
ii	Two light points controlled by one 6 amp. Modular switch	Nos.	30.00		0.00
iii	Three light points controlled by one 6 amp. Modular switch	Nos.	23.00		0.00
iv	Four light points controlled by one 6 amp. Modular switch	Nos.	6.00		0.00
V	Five light points controlled by one 6 amp. Modular switch	Nos.	6.00		0.00
Vi	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell		1.00		0.00
Vii	One wall fan/ exhaust fan point controlled by one 6 amp. Modular switch. The switch should be at switchboard level		19.00		0.00
viii	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc.				
а	Dependent	Nos.	8.00		0.00
ix	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.	22.00	0.00
b	Secondary	Nos.	40.00	0.00
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 1 st socket and 1 st to 2 nd , socket with 2*2.5 sq.mm. and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 -pin socket with 16 Amp. Switch. (Modular type switch/socket/ plate etc. complete assembly).			
a)	Primary point	Nos.	15.00	0.00
b)	Secondary point	Nos.	18.00	0.00
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		1.00	0.00
4	COMPUTER POINTS			
а	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.	22.00	0.00
	Secondary	Nos.	26.00	0.00
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	0.00
	Secondary	Nos.	1.00	0.00

5	Supply, installation, testing and Commissioning of simply elegant modular tabletop connectivity solution for conference tables with luxuriously finished metal surfaces and one-touch, fully-retracting lid with 1x HDMI, 1x VGA with audio, 1xLAN, 1x Universal Power, 1x USB and 1x 3.5mm Audio jack with retractable cable management solution complete with standard accessories as required.		Nos.	0.00
6	Provide desk top plug is specially provision 1) Multi-connectors for data and power connection. Connectors: 1x Universal Socket, 2x RJ45 internet, 1x VGA, 1 x HDMI,1x 3.5mm audio Jack 1x usb 2.1 a port) Hydraulic (pneumatic) open close movement 3) with bottom box 4) Self-locking mechanical latching mechanism 5) Press-open pop-up cover	2	Nos.	0.00
7	Supply , installation , testing and comissioning of 6 ft HDMI Cable with High-Quality Connectors — 24K gold-plated connectors resist corrosion, and offer the best possible connectivity and provides 4K@60Hz (4:4:4) resolution complete with standard accessories as required	1	Nos.	0.00
8	Supply, installation, testing and comissioning of 10 ft HDMI Cable with High–Quality Connectors — 24K gold–plated connectors resist corrosion, and offer the best possible connectivity and provides 4K@60Hz (4:4:4) resolution complete with standard accessories as required.		Nos.	0.00
В.	CONDUITING FOR TELEPHONE, COMPUTER &			
	CONDUITING, WIRING FOR T.V. SYSTEM.			
1.0	TELEPHONE SYSTEM			
1.1	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for 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.		37.00	0.00
1.2	Supplying, laying, effecting terminations, testing and commissioning of 0.51 mm dia Cu. Conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing tray or in conduit including providing &fixing conduit pipe or cable tray as required from building tag block to the floor as required.			

a)	Supplying & fixing 50 pair krone tag block with enclosure.	Nos.	1.00	0.00
2	COMPUTER NETWORKING			
2.1	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.	Nos.	45.00	0.00
2.2	Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.	2.00	0.00
2.3	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	3.00	0.00
2.4	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	45.00	0.00
2.5	Supplying and fixing Patch Cord-1 Meter-	Nos.	82.00	0.00
C.	CABLES, MAINS & SUBMAINS			
1	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	40.00	0.00
ii	Supplying, laying, testing & commissioning of 4C 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 POWER DB & UPS DB,Power,).	RM	145.00	0.00
III	Supplying, laying, testing & commissioning of 4C X 70sq.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 AC OUTDOOR)	RM	45.00	0.00

IV	Supplying, laying, testing & commissioning of 4C X 10sq.mm. at 1100 volts grade PVC insulated CU conductor armoured cable including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (for AC OUDOOR UNIT)	RM	60.00	0.00
V	Supplying, laying, testing & commissioning of 4C X 95 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)	RM	45.00	0.00
2	Cable Tray and Raceways			
	Supplying and fixing of following size of Perforated pre paited ms Cable Trays with perforation not more than 17.5% in convenient section, joined with connector, suspended from the ceiling with M.S. suspenders including bolts & nuts, paiting suspenders etc as required. Rates shall be included tee, band reducers etc			
a.	150 x 40 x 2mm thick Cable tray (For Submain Incoming)	RM	90	0
3	Fabricating supplying to site of installation, in floor including chase cutting of floor, leveling, refilling and making good the same 1.6 mm thick G.I raceways of height 40 mm and 2.0 mm thick openable cover, totally enclosed, The two lengths of channels and junction box shall be nut bolted together to make it dust and water proof. complete with all fixing accessories as required.			
a.	150 mm (wide) x 40 mm (height)	RM	60.00	0.00
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.			
	the nature of the circuity 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)	No.	1.00	0.00
		140.	1.00	0.00
	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			
L	12 TRN DR / C A int C DOWER DR)		1 2 22	
b	112-way IPN DB (6 A raw boint & POWER DB)	No.	1 2.00 1	1 0.00
D	12-way TPN DB (6 A raw point & POWER DB) Incomer:-	No.	2.00	0.00
D	Incomer:-	No.	2.00	0.00
D	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB	No.	2.00	0.00
D	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase	No.	2.00	0.00
D	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB	No.	2.00	0.00
D	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase	No.	2.00	0.00
D	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:-	No.	2.00	0.00
C	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:-	No.	2.00	0.00
	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 30 Nos.10/20 Amp (10 KA) SP MCB 6-way TPN DB (UPS DB)			
	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 30 Nos.10/20 Amp (10 KA) SP MCB 6-way TPN DB (UPS DB) Incomer:-			
	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 30 Nos.10/20 Amp (10 KA) SP MCB 6-way TPN DB (UPS DB) Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB			
	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 30 Nos.10/20 Amp (10 KA) SP MCB 6-way TPN DB (UPS DB) Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase			
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	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 30 Nos.10/20 Amp (10 KA) SP MCB 6-way TPN DB (UPS DB) Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase			
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	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 30 Nos.10/20 Amp (10 KA) SP MCB 6-way TPN DB (UPS DB) Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:-			
С	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 30 Nos.10/20 Amp (10 KA) SP MCB 6-way TPN DB (UPS DB) Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 12 Nos.10/20 Amp (10 KA) SP MCB	No.	2.00	0.00
С	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 30 Nos.10/20 Amp (10 KA) SP MCB 6-way TPN DB (UPS DB) Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 12 Nos.10/20 Amp (10 KA) SP MCB	No.	2.00	0.00
С	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 30 Nos.10/20 Amp (10 KA) SP MCB 6-way TPN DB (UPS DB) Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 12 Nos.10/20 Amp (10 KA) SP MCB 12-way SPN DB (UPS INPUT) Incomer:- 1 No. 63 Amp TPN	No.	2.00	0.00
С	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 30 Nos.10/20 Amp (10 KA) SP MCB 6-way TPN DB (UPS DB) Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 12 Nos.10/20 Amp (10 KA) SP MCB 12-way SPN DB (UPS INPUT) Incomer:- 1 No. 63 Amp TPN Outgoing:-	No.	2.00	0.00
С	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 30 Nos.10/20 Amp (10 KA) SP MCB 6-way TPN DB (UPS DB) Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase Outgoing:- 12 Nos.10/20 Amp (10 KA) SP MCB 12-way SPN DB (UPS INPUT) Incomer:- 1 No. 63 Amp TPN	No.	2.00	0.00

E (LIGHT FITTINGS & ACCESSORIES) 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). i FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make Nos. 54.00	
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).	
i FILL GLOW 2 V 2 LED 36 W. clim Smart Danol of make. No. 54 00	
	2.00
As specified in tender document or approved by SBI/ Architect.	0.00
ii Supplying, fixing, testing and commissioning of 15/18 Nos. 60.00 W LED commercial type down lighter of make As specified in tender document or approved by SBI/ Architect.	0.00
	0.00
iv LED Strip for cove lighting 15 W per 5 M with driver Nos. 15.00 (and necessary installation fittings Led strip light (5 mtr.) make as specified in tender document or approved by SBI/Architect.	0.00
	0.00
vi Supplying, fixing, testing and commissioning of 4 ft 20 Nos. 10.00 (W LED Tube fitting make As specified in tender document or approved by SBI/ Architect.	0.00
vii Supplying, fixing, testing and commissioning of Nos. 6.00 (commercial type IP-65 Planter light of make As specified in tender document or approved by SBI/Architect. (Basic price start 2500 rs)	0.00
viii Supplying, fixing, testing and commissioning of commercial type Linier Ceiling Suspended led light Width Minimum 50 mm Material Aluminium LIGHT FIXTURE Decorative 40 Watts led Strip Light ,Linier light of make As specified in tender document or approved by SBI/Architect. (Basic price start 4000 rs) (WIPRO/Tisva/Polycab/Roshni)	0.00
	0.00
in tender document or approved by SBI/ Architect. (METAL BODY)	
X Supply & fixing of 230 mm exhaust fan with louvers Nos. 2.00 (and plastic body with all accessories etc. complete of	0.00
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 copperbonded 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). Make: As approved by Bank/Architect	Nos	2.00	0.00
2	Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copperbonded 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). Make: As approved by	Nos	2.00	0.00
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	RM	90.00	0.00
F.	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. 200 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer	Nos.	1.00	0.00
2	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/Shwtech) or make as approved by architect/SBI. 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			
a.	Floor panel shall consists of : -			
	INCOMER			
	1 No. 200 Amps,TPN MCCB (25 KA) with extendeble rotary handle each thermal over current, instantaneous, Short circuit realease, Earth fault Relay.			
1				
	BUSBARS			
	BUSBARS 300 amps TPN pole busbar chamber of suitable length with copper busbars. All busbars and interconnections shall be of suitable size copper strips.			
	300 amps TPN pole busbar chamber of suitable length with copper busbars. All busbars and interconnections shall be of suitable size copper strips.			
	300 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 200/5A ratio, 15 VA Class-1.0 metering 1 sets Red/Green/Amber ON/ OFF/ TRIP indicating lamps with			
	300 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 200/5A ratio, 15 VA Class-1.0 metering 1 sets			
	300 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 200/5A ratio, 15 VA Class-1.0 metering 1 sets Red/Green/Amber ON/ OFF/ TRIP indicating lamps with 2A SP MCB backup protection. 1 set of three phase indicating lamps along with 2A SP			
	300 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 200/5A ratio, 15 VA Class-1.0 metering 1 sets Red/Green/Amber ON/ OFF/ TRIP indicating lamps with 2A SP MCB backup protection. 1 set of three phase indicating lamps along with 2A SP MCB backup protection.			

1 Nos 40 A TPN MCB (10 kA) terminals suitable to			
receive cable on one side and wire connection to Bus			
bars. (For Ligth DB) 2 Nos 100 A 4 Pole MCCB (16 kA) terminals suitable to		+	1
receive cable on one side and wire connection to Bus			
bars.			
The electrical panel as described above and	Set	1.00	0.00
specifications complete.		 	
3 Supply, installation, testing and commissioning of 50KVAR capacitor as following-			
Incoming- 100A 4pole MCCB, Outgoing- 8 stage power	Set	1.00	0.00
factor relay with 3 nos. 50/5 current transformer for			
current sensing capasitor 1 KVR- 1 nos, 2 KVR- 2nos.,			
5 KVR- 5 nos., 10 KVR- 2 no. 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.			
4 AC OUTDOOR PENEL IP-55: -			
INCOMER			
1 No. 100 Amps,TPN MCCB (25 KA) with extendeble			
rotary handle each thermal over current,			
instantaneous, Short circuit realease, Earth fault			
Relav.			
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 100/5A ratio, 15 VA Class-1.0			
meterina 1 sets		<u> </u>	
Red/Green/Amber ON/ OFF/ TRIP indicating lamps with			
2A SP MCB backup protection.		\vdash	
1 set of three phase indicating lamps along with 2A SP			
MCB backup protection.			
OUTGOINGS:-			
6 Nos 63 A TPN RCBO (100mA) terminals suitable to			
receive cable on one side and wire connection to Bus			
bars.		igsquare	
The electrical panel as described above and	Set	1.00	0.00
specifications complete.		 	
TOTAL FOR ELECTRICAL & ALLIED WORKS		+ +	0.00

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