

PRICE BID			
<u>PROPOSED ELECTRICAL & ALLIED WORK OF STATE BANK OF INDIA, MADAME CAMA ROAD BRANCH, NARIMAN POINT, MUMBAI.</u>			
BILL OF QUANTITIES FOR ELECTRICAL AND ALLIED WORKS			
S.N.	PARTICULARS	QTY	UNIT
I	ELECTRICAL WORKS		
A	MAIN LT PANEL / DB'S		
1	Supply, installation, testing & commissioning of 250A IC TPN SFU with 250A HRC fuses 415 V 3 phase & neutral 50 c/s AC23 duty on MS angle iron frame fabricated out of 40 mm. x 40 mm. x 5 mm MS angle duly painted with cable end boxes, earthing, name plate danger board fixing accessories etc.	1	Set
2	MAIN ELECTRICAL LT PANEL - Supply, Installation, Testing and Commissioning including transport to site with propoer required (PVC sheets / wooden frame) packing, store at site, erect in proper position of Sub-Main Electrical LT panel, floor mounted, front operated, dead back, totally enclosed, IP42, vermin proof, indoor, non-drawout, cubicle type power distribution panel fabricated out of 2mm thick CRCA sheet having gasketed hinged door on each cubicle, fully powder coated / enamel painted after seven tank treatment, incorporating horizontal and vertical sleeved copper / aluminium busbars complete with all internal wiring with suitable size approved make FRLS grade colour coded wires, rotary handle, spreaders, 3mm thick gland plate, hinged type door with neoprene gasket, danger board, two earthing lugs, cable chamber, etc. as required housing below mentioned switchgears, metering instruments and accessories :-		
	Note :- GA & Control Drawing of the panel shall be approved by the consultant before fabrication. (Panel shall be manufactured from CPRI & ISO 9001 : 2008 approved manufacturer only.) All test certificates for Panel shall be submitted alongwith the delivery of Panel at site. (Client / Consultant reserves the right to reject the Panel supplied without prior design approval / submission of required test certificates alongwith the delivery of Panel at site.)		
	(MAIN ELECTRICAL LT PANEL)		
a	INCOMER		
	1 No. 250A, FP, 36kA / 50kA (Adjustable type), MCCB with Thermal Magnetic release, of approved make with over load (O/L), short circuit (S/C) & Earth Fault (E/F) protection. The Breaker shall be suitable for 415 Volts 50 Hz., AC supply. The breaker shall have breaking capacity of 36kA / 50kA for 1 Sec. as required. (Schneider / Hager / Legrand / Siemens / L&T make)		
b	METERING		
	1 No., 3 phase CT Operated (with class-1 CT) multifunction meter / Load Manager (LM) with RS 485 communication port of approved make. The Load manger should read Ammeter, Voltmeter, KWH meter and Power Factor meter.		
c	INDICATORS		
	The following indicating lamps shall be provided for Incomer Section :-		
	1 Set of R,Y,B Phase Indicating lamps, LED type of approved make.		
	1 No. Red, 1 no. Green & 1 no. Orange colour LED type indicating lamps for indicating MCCB is in 'ON' or 'OFF' or 'TRIP' position.		

S.N.	PARTICULARS	QTY	UNIT
d	BUSBARS		
	1 Set of 300 Amps uniformly rated, continuous duty, 415V AC, 3-Phase & Neutral electrolytic grade 99.95% Purity Tinned Copper bus-bars with colour coded heat sink sleeves supported on SMC type grip supports. The Horizontal / Vertical sections of the busbars should all be uniformly rated for 300 Amps.		
	1 Set of 25 x 3 mm copper busbars of high conductivity electrolytic quality shall be provided throught out the panel for its earthing.		
e	OUTGOINGS		
	1 No. 200A, TPN, Switch Fuse Unit (SFU) The Breaker shall be suitable for 415 Volts 50 Hz., AC supply. (For APFC Panel Incomer - 1 no.) (Schneider / Hager / Legrand / Siemens / L&T make)		
	1 No. 200A, FP, 25kA / 36kA, MCCB with Thermal Magnetic release, of approved make with built in over load (O/L), short circuit (S/C) protection. The Breaker shall be suitable for 415 Volts 50 Hz., AC supply. The breaker shall have breaking capacity of 25 / 36 kA for 1 Sec. (For MAIN HVAC MCCB DB - 1 no.) (Schneider / Hager / Legrand / Siemens / L&T make)		
	1 No. 100A, FP, 25kA / 36kA, MCCB with Thermal Magnetic release, of approved make with built in over load (O/L), short circuit (S/C) protection. The Breaker shall be suitable for 415 Volts 50 Hz., AC supply. The breaker shall have breaking capacity of 25 / 36 kA for 1 Sec. (For UPS input - 1 no.) (Schneider / Hager / Legrand / Siemens / L&T make)		
	6 Nos., of 40/63 Amps., TPN Miniture Circuit Breaker. The MCB shall be suitable for 415Volts 50Hz., AC supply and having fault level of 10KA. The MCB Shall have "C" curve type. (For LDB - 2 Nos, RPDB - 2 Nos, Spare - 2 Nos) (Schneider / Hager / Legrand / Siemens / L&T make)		
	3 nos, 40/32/25A, DP, MCB, "C" curve type as outgoing		
	Full Set as above	1	Nos
3	APFC PANEL - Supply, Installation, Testing and Commissioning of Automatic Power Factor Control Panel (APFC Panel) including transport to site with prooper required (PVC sheets / wooden frame) packing, store at site, erect in proper position of Sub-Main Electrical LT panel, floor mounted, front operated, dead back, totally enclosed, IP42, vermin proof, indoor, non-drawout, cubicle type power distribution panel fabricated out of 2mm thick CRCA sheet having gasketed hinged door on each cubicle, fully powder coated / enamel painted after seven tank treatment, incorporating horizontal and vertical sleeved copper / aluminium busbars complete with all internal wiring with suitable size approved make FRLS grade colour coded wires, rotary handle, spreaders, 3mm thick gland plate, hinged type door with neoprene gasket, danger board, two earthing lugs, cable chamber, etc. as required housing below mentioned switchgears, metering instruments and accessories :-		
	Note :- GA & Control Drawing of the panel shall be approved by the consultant before fabrication. (Panel shall be manufactured from CPRI & ISO 9001 : 2008 approved manufacturer only.) All test certificates for Panel shall be submitted alongwith the delivery of Panel at site. (Client / Consultant reserves the right to reject the Panel supplied without prior design approval / submission of required test certificates alongwith the delivery of Panel at site.)		

S.N.	PARTICULARS	QTY	UNIT
	<p><u>IN-BUILT APFC PANEL</u> - With inbuilt solid state automatic power factor correction arrangement having microprocessor based control circuit and contactor switching power circuit having a required capacity of 80 KVAR having capacitor bank in steps of [(1 x 20 KVAR) + (2 x 15 KVAR) + (2 x 10 KVAR) + (1 x 5 KVAR) + (1 x 3 KVAR) + (1 x 2 KVAR)], including main MCCB, MCB's, APFC relay, contactors, capacitors, indicating lamps, etc. complete with all necessary hardware & accessories as mentioned below :-</p>		
a	<p><u>INCOMER</u></p>		
	<p>1 No. 200A, TPN, Isolator switch (Switch disconnecter/ Isolator). The Breaker shall be suitable for 415 Volts, 50 Hz., AC supply. (For APFC Panel Main Incomer - 1 no.) (Schneider / Hager / Legrand / Siemens / L&T make)</p>		

S.N.	PARTICULARS	QTY	UNIT
b	BUSBARS		
	1 Set of 250 Amps uniformly rated, continuous duty, 415V AC, 3-Phase & Neutral electrolytic grade 99.95% Purity Tinned Copper bus-bars with colour coded heat sink sleeves supported on SMC type grip supports. The Horizontal / Vertical sections of the busbars should all be uniformly rated for 250 Amps.		
	1 Set of 25 x 5 mm copper busbars of high conductivity electrolytic quality shall be provided through out the panel for its earthing.		
c	INSTRUMENTS		
	1 no. 0-500V Digital Voltmeter of suitable size & 1 no. suitable size Digital Ammeter		
	1 Set of phase indicating lamps, LED type, RYB.		
	1 Set of 2A 10kA C curve SP control MCB		
	1 no. 8 stage microprocessor based digital type APFC relay		
	1 set overvoltage, undervoltage, phase protection relay.		
	8 set On, Off push button, auto manual selector switch.		
	8 set On, Off LED type indication lamp		
d	OUTGOING		
	1 Nos. 63A, TP, D curve, MCB		
	4 Nos. 40A, TP, D curve, MCB		
	1 Nos. 25A, TP, D curve, MCB		
	2 Nos. 20A, TP, D curve, MCB		
	1 No. 2 kVAR MPP heavy duty capacitor with capacitor duty contactor		
	1 No. 3 kVAR MPP heavy duty capacitor with capacitor duty contactor		
	1 No. 5 kVAR MPP heavy duty capacitor with capacitor duty contactor		
	1 No. 10 kVAR MPP heavy duty capacitor with capacitor duty contactor		
	1 Nos. 15 kVAR MPP heavy duty capacitor with capacitor duty contactor		
	1 Nos. 20 kVAR MPP heavy duty capacitor with capacitor duty contactor		
	The panel shall be provided with required nos of louvers in the capacitor chamber for its cooling. Also required nos of ventillation fans with auto sensing thermostate shall be provided in the panel to improve capacitor life & ventilation fans.		
	Full Set as above	1	Nos
4	MAIN HVAC POWER DISRIBUTION :- Suply & installation of 8-way, VTPN, Double door, (MCCB DB) Main Raw Power Distribution Board (MRPDB) , having vertical fishbone busbar type, factory assembled wall mounted, sheet metal fabricated, fully powder coated, having dust proof & vermin proof hinged door with all internals such as DIN channels, neutral link, internal wiring complete with double earthing lugs including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, etc.housing following switchgears. (Schneider / Hager / Legrand / Siemens / L&T make)		
a	Main Compartment with metal door housing following:		
	INCOMER		
	1 No. 200A, FP, 36kA / 25kA (Adjustable type), MCCB with Thermal Magnetic release, of approved make with over load (O/L), short circuit (S/C) & Earth Fault (E/F) protection. The Breaker shall be suitable for 415 Volts 50 Hz., AC supply. The breaker shall have breaking capacity of 36kA / 25kA for 1 Sec. as required. (Schneider / Hager / Legrand / Siemens / L&T make)		
	OUTGOING		
	8 Nos., 63/40A, TP, MCB, "C" curve type as outgoing (20HP m/c ODU - 5 no., 8HP m/c ODU - 1 no., HVAC IDU's PDB - 2 no.s.)		
	Full Set as above	1	Nos

S.N.	PARTICULARS	QTY	UNIT
5	Suply and installation of 4-way, VTPN, Double door, (MCCB DB) Main UPS Power Distribution Board (MUPSPDB) , having vertical fishbone busbar type, factory assembled wall mounted, sheet metal fabricated, fully powder coated, having dust proof & vermin proof hinged door with all internals such as DIN channels, neutral link, internal wiring complete with double earthing lugs including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, etc.housing following switchgears. (Schneider / Hager / Legrand / Siemens / L&T make)		
a	<u>Main Compartment with metal door housing following:</u>		
	<u>INCOMER</u>		
	1 No. 100A, FP, 36kA / 25kA (Adjustable type), MCCB with Thermal Magnetic release, of approved make with over load (O/L), short circuit (S/C) & Earth Fault (E/F) protection. The Breaker shall be suitable for 415 Volts 50 Hz., AC supply. The breaker shall have breaking capacity of 36kA / 25kA for 1 Sec. as required. (Schneider / Hager / Legrand / Siemens / L&T make)		
	<u>OUTGOING</u>		
	63A TP MCB - 2 no.s (UPS DB-1 & 2), 40A TP MCB - 1 no.s (Spare), 40/32A SP MCB - 1 no.s (Server Room UPSDB), 25A SP MCB Spare - 2 no. (Spare), "D" curve type as outgoing		
	Full Set as above	1	Nos
6	Suply and installation of 4-way, PPI TPN, Double Door, Metal type, with Plain / Transperant Door (As approved by client / consultant / architect), Lighting Distribution Board (LDB), surface / flush mounted on wall , interconnected wiring complete with earthing lugs, including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears : (Schneider / Hager / Siemens / Legrand make as approved by client / consultant)		
	(Note :- DB size & type selection shall be done with reference to the total number of modules / poles available in the DB which shall be suitable for housing of below mentioned switchgears & components forming a complete set.)		
a	1 no., 63/40A, FP MCB, "C" curve type as incomer		
b	3 no.s, 25A, DP RCCB with sensitivity of 100mA, as sub-incomer		
c	9 nos, 10/16A, SP, MCB, "C" curve type as outgoing + 3 no.s 1M-RYB indicators / lamps each.		
	Full Set as above	1	Nos
7	Suply and installation of 6-way, PPI TPN, Double Door, Metal type, with Plain / Transperant Door (As approved by client / consultant / architect), Lighting Distribution Board (LDB), surface / flush mounted on wall , interconnected wiring complete with earthing lugs, including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears : (Schneider / Hager / Siemens / Legrand make as approved by client / consultant)		
	(Note :- DB size & type selection shall be done with reference to the total number of modules / poles available in the DB which shall be suitable for housing of below mentioned switchgears & components forming a complete set.)		
a	1 no., 63/40A, FP MCB, "C" curve type as incomer		
b	3 no.s, 25A, DP RCCB with sensitivity of 100mA, as sub-incomer		
c	15 nos, 10/16A, SP, MCB, "C" curve type as outgoing + 3 no.s 1M-RYB indicators / lamps each.		
	Full Set as above	1	Nos

S.N.	PARTICULARS	QTY	UNIT
8	Suply and installation of 4-way, TPN, Double Door, Metal type, with Plain / Transperant Door (As approved by client / consultant / architect), Raw Power / AC Power Distribution Board (RPDB / ACPDB), surface / flush mounted on wall , interconnected wiring complete with earthing lugs, including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears : (Schneider / Hager / Siemens / Legrand make as approved by client / consultant)		
	(Note :- DB size & type selection shall be done with reference to the total number of modules / poles available in the DB which shall be suitable for housing of below mentioned switchgears & components forming a complete set.)		
a	1 no., 63/40A, FP MCB, "C" curve type as incomer		
b	9 nos, 16/25A, SP, MCB, "C" curve type as outgoing + 3 no.s 1M-RYB indicators / lamps each.		
	Full Set as above	1	Nos
9	Suply and installation of 6-way, TPN, Double Door, Metal type, with Plain / Transperant Door (As approved by client / consultant / architect), Raw Power / AC Power Distribution Board (RPDB / ACPDB), surface / flush mounted on wall , interconnected wiring complete with earthing lugs, including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears : (Schneider / Hager / Siemens / Legrand make as approved by client / consultant)		
	(Note :- DB size & type selection shall be done with reference to the total number of modules / poles available in the DB which shall be suitable for housing of below mentioned switchgears & components forming a complete set.)		
a	1 no., 63/40A, FP MCB, "C" curve type as incomer		
b	15 nos, 10/16/25/32A, SP, MCB, "C" curve type as outgoing + 3 no.s 1M-RYB indicators / lamps each.		
	Full Set as above	2	Nos
10	Suply and installation of 8-way, TPN, Double Door, Metal type, with Plain / Transperant Door (As approved by client / consultant / architect), Raw Power / AC Power Distribution Board (RPDB / ACPDB), surface / flush mounted on wall , interconnected wiring complete with earthing lugs, including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears : (Schneider / Hager / Siemens / Legrand make as approved by client / consultant)		
	(Note :- DB size & type selection shall be done with reference to the total number of modules / poles available in the DB which shall be suitable for housing of below mentioned switchgears & components forming a complete set.)		
a	1 no., 63/40A, FP MCB, "C" curve type as incomer		
b	21 nos, 10/16/25/32A, SP, MCB, "C" curve type as outgoing + 3 no.s 1M-RYB indicators / lamps each.		
	Full Set as above	2	Nos

S.N.	PARTICULARS	QTY	UNIT
11	Suply and installation of 6-way, TPN, Double Door, Metal type, with Plain / Transperant Door (As approved by client / consultant / architect), Main UPS Power Distribution Board (UPS PDB), surface / flush mounted on wall, interconnected wiring complete with earthing lugs, including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears : (Schneider / Hager / Siemens / Legrand make as approved by client / consultant)		
a	1 no., 63A, FP MCB, "D" curve type as incomer		
b	18 nos, 16/20A, SP, MCB, "D" curve type as outgoing		
	Full Set as above	2	Nos
12	Suply and installation of 8-way, SPN, Double Door, Metal type, with Plain / Transperant Door (As approved by client / consultant / architect), RAW / UPS Power Distribution Board / Main Emergency Lighting Power Distribution Board (RPDB / UPSDB / EMG LDB), surface / flush mounted on wall, interconnected wiring complete with earthing lugs, including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears : (Schneider / Hager / Siemens / Legrand make as approved by client / consultant)		
a	1 no., 40/32A, DP MCB, "C" / "D" curve type as incomer		
b	6 nos, 16/20/25A, SP, MCB, "C" / "D" curve type as outgoing		
	Full Set as above	2	Nos
13	Suply and installation of 12-way, SPN, Double Door, Metal type, with Plain / Transperant Door (As approved by client / consultant / architect), RAW / UPS Power Distribution Board (RPDB / UPSDB), surface / flush mounted on wall, interconnected wiring complete with earthing lugs, including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears : (Schneider / Hager / Siemens / Legrand make as approved by client / consultant)		
a	1 no., 40/32A, DP MCB, "C" / "D" curve type as incomer		
b	10 nos, 16/20/25A, SP, MCB, "C" / "D" curve type as outgoing		
	Full Set as above	0	Nos
14	Supply & Installation of 16/20/32A, DP, MCB, box with 16/20/32A, metal clad / modular plug-socket including power circuit of (2x4 + 1x4) sq. mm FRLS copper flexible wires directly taken from the relevant DB concealed / surface through MS conduit Medium gauge, 1.6 mm thick, ISI Mark, with necessary hardware & accessories etc. (Schneider / Hager / Legrand / Siemens / L&T make)	2	Nos

S.N.	PARTICULARS	QTY	UNIT
15	Supply & Installation of following with Enclosure for terminating supply to AHU, A.C. m/c, UPS m/c, other machines, etc. alongwith all necessary hardware & accessories, etc. complete as required. (Legrand / Schneider / Hager / Siemens / L&T make) (For Indoor Applications)		
15.1	100A, 36 kA, TPN, MCCB with RYB Indicator Lamps in IP42 Metal boards enclosure (UPS i/p)	2	Nos
15.2	40/63A, TPN, MCB in IP42 Metal boards enclosure	1	Nos
15.3	63A, DP, MCB in IP42 Metal boards enclosure (UPS o/p)	0	Nos
15.4	16/25A/32A, DP, MCB in IP42 Metal boards enclosure	1	Nos
15.5	16/25A/32A, TPN, MCB in IP42 Metal boards enclosure	3	Nos
15.6	20A Reyrol Plug & Socket with 20A SP MCB 'C' curve in IP42 Metal boards enclosure.	1	Nos
15.7	20A, 2P+E, IEC, Interlockable Plug & Socket with IP42 Metal boards Enclosure of approved Make (For Server / IT & Network Racks, etc.)	4	Nos
16	Supply & Installation of following with Enclosure for terminating supply to AHU, A.C. m/c, other machines, etc. alongwith all necessary hardware & accessories, etc. complete as required. (Legrand / Schneider / Hager / Siemens / L&T make) (For Outdoor Applications)		
16.1	25/32A, 4P, RCBO, 300mA in IP55 Metal boards enclosure (For VRV ODUs, Solar Power System)	1	Nos
16.2	40/63A, 4P, RCBO, 300mA in IP55 Metal boards enclosure (For VRV ODUs / LIFT machine)	5	Nos
	TOTAL of SECTION (A)		

S.N.	PARTICULARS	QTY	UNIT
B	CABELS / MAINS		
1	Supply & Installation of 1100V grade armoured cable having sector / circular shaped aluminium / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed conforming to IS: 1554, laid on wall / ceiling using GI clamps & spacers / underground at necessary depth as required as per site conditions & as per route shown / approved at site and further as directed by Consultant / Client at site in the following sizes :- (Make - Polycab / Finolex / CCI / RR / Havells)		
	NOTE :- All Armoured cables shall be provided with temporary labelling at every 5mtrs & then finally with metal identification tags showing the size & the location from/to the respective Panel / DB, at both the ends.		
1.1	3 1/2 C x 150 Sq.mm Aluminium Armoured cable with 2 runs of 8 SWG GI bare wire	25	Mtrs
1.2	3 1/2 C x 70 Sq.mm Aluminium Armoured cable with 2 runs of 8 SWG GI bare wire	5	Mtrs
1.3	3 1/2 C x 50 Sq.mm Aluminium Armoured cable with 2 runs of 8 SWG GI bare wire	10	Mtrs
1.4	3 1/2 C x 25 Sq.mm Aluminium Armoured cable with 2 runs of 8 SWG GI bare wire	0	Mtrs
1.5	4C x 16 Sq.mm Copper Armoured cable with 2 runs of 12 SWG GI bare wire	300	Mtrs
1.6	4C x 10 Sq.mm Copper Armoured cable with 2 runs of 12 SWG GI bare wire	195	Mtrs
1.7	4C x 6 Sq.mm Copper Armoured cable with 2 runs of 12 SWG GI bare wire	90	Mtrs
1.8	4C x 4 Sq.mm Copper Armoured cable with 2 runs of 12 SWG GI bare wire	5	Mtrs
1.9	3C x 10 Sq.mm Copper Armoured cable	0	Mtrs
1.10	3C x 6 Sq.mm Copper Armoured cable	5	Mtrs
1.11	3C x 4 Sq.mm Copper Armoured cable	0	Mtrs
2	GLANDING & TERMINATION :- Supply & Installation of end termination of above mentioned cables including compressed type brass glands , crimping type copper lugs, insulation tape etc. as required complete with earthing of glands in following sizes :-		
2.1	3 1/2 C x 150 Sq.mm Aluminium Armoured cable	2	Nos
2.2	3 1/2 C x 70 Sq.mm Aluminium Armoured cable	2	Nos
2.3	3 1/2 C x 35 Sq.mm Aluminium Armoured cable	2	Nos
2.4	3 1/2 C x 25 Sq.mm Aluminium Armoured cable	2	Nos
2.5	4C x 16 Sq.mm Copper Armoured cable	10	Nos
2.6	4C x 10 Sq.mm Copper Armoured cable	6	Nos
2.7	4C x 6 Sq.mm Copper Armoured cable	4	Nos
2.8	4C x 4 Sq.mm Copper Armoured cable	2	Nos
2.9	3C x 10 Sq.mm Copper Armoured cable	0	Nos
2.10	3C x 6 Sq.mm Copper Armoured cable	2	Nos
2.11	3C x 4 Sq.mm Copper Armoured cable	0	Nos
3	GLANDING & TERMINATION :- Supply & Installation of end termination of below mentioned cables sizes including heavy gauge PVC type glands , crimping type copper lugs, insulation tape etc. as required complete with all necessary hardware & accessories, etc. in following sizes :-		
3.1	4C x 16 Sq.mm Copper Armoured Cable	5	Nos
3.2	4C x 10 Sq.mm Copper Armoured Cable	1	Nos
3.3	4C x 6 Sq.mm Copper Armoured Cable	1	Nos
3.4	4C x 4 Sq.mm Copper Armoured Cable	0	Nos
3.5	3C x 10 Sq.mm Copper Armoured cable	0	Nos
3.6	3C x 6 Sq.mm Copper Armoured cable	0	Nos
3.7	3C x 4 Sq.mm Copper Armoured cable	0	Nos
	TOTAL of SECTION (B)		

S.N.	PARTICULARS	QTY	UNIT
C	EARTHING (GENERAL / DEDICATED)		
1	Supply & Installation of earth pit comprising of 600mm x 600mm x 3mm thick copper plate buried at a minimum depth of 3 meter including necessary materials like charcoal,salt etc as required conforming to BIS standards having brick masonry chamber with hinged cover and watering arrangement.	1	Nos
2	Supply & Installation of earth pit comprising of 600mm x 600mm x 6mm thick GI plate buried at a minimum depth of 3 meter including necessary materials like charcoal,salt etc as required conforming to BIS standards having brick masonry chamber with hinged cover and watering arrangement.	1	Nos
3	Supply & Installation of copper /GI earthing wires/strips in following sizes including all necessary hardware & accessories, etc.:-		
3.1	25 x 5 GI. Strip through PVC sleeve (Electrical Earthing) (From Electrical Earthing Pit to Main Electrical Earthing Busbar)	250	Mtrs
3.2	1C x 16 sq.mm flexible Cu. Wire through Medium MS conduit in case of wall / ceiling surface / conceled run & through heavy guage MS conduit in case of underground run including all necessary hardware & accessories, etc. complete as required. (Dedicated UPS Earthing)	5	Mtrs
3.3	1C x 10 sq.mm flexible Cu. Wire through Medium MS conduit in case of wall / ceiling surface / conceled run & through heavy guage M.S. conduit in case of underground run including all necessary hardware & accessories, etc. complete as required. (Dedicated UPS Earthing)	275	Mtrs
4	Supply & Installation of (32 x 3)mm of 300mm length Cu. earthing bus with enclouser with sufficient no. of hole for connecting earthing wire with necessary accessories, hardware, etc. (UPS Earthing BUS)	1	Nos
5	Supply & Installation of (32 x 6)mm of 300mm length GI. earthing bus with enclouser with sufficient no. of hole for connecting earthing wire with necessary accessories, hardware, etc. (General Electrical Earthing BUS)	1	Nos
	TOTAL of SECTION (C)		

S.N.	PARTICULARS	QTY	UNIT
D	INTERNAL LIGHTING & POWER WIRING		
1	Supply & Installation of concealed / resessed / surface light point / ceiling fan point / call bell point wiring using 600V FRLS conductor grade 3R (P+N+E) x 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through in appropriate size 20/25mm dia of 16 SWG wall thickness, MS medium conduits, ISI mark, laid concealed over false ceiling or in wall chases or on the ceiling in case of an open ceiling including 3R (P+N+E) x 2.5 Sq.mm circuit wires from the relevant DB and also including 2.5 sqmm green color copper earth wire and approved make modular type switch plate, switches, MS concealed back box, etc. as required & as approved by the consultant. Metal Flexible conduit use it must be joined by gland and check nut at both ends. (Each circuit shall not feed more than 8 points OR 800 watts as per following configuration.) <u>(The item rate shall include Lighting / Raw / UPS Power Circuit wiring from relevent DB to the switch board with 3Rx2.5 Sq.mm FRLS wires & from switch board to next switch board OR to the first light point / primary point / full point)</u>		
	NOTE :- 1. Only FRLS wire shall be used; 2. Conduit carrying circuit wiring should not carry point wiring and Conduit carrying point wiring should not carry submain/circuit wiring; 3. Flexible conduits & Elbows are not allowed; 4. The wires from ceiling junction to light points / light fixture shall be drawn in flexible Metal conduit with adptor & cover for junction box & crimp type lugs at both the ends alongwith necessary hardware & accessories, etc. as required; 5. Proper ferrules, lugs, must be used in all cabling and wiring on both load / source end; 6. Each switch board must be provided with respective ferrules representing the respective DB, Phase & Circuit numbers; 7. Looping of Neutral / Earth wire between two seperate Primary / Full Points is strictly not allowed; 8. Looping of Neutral / Earth wire between two seperate circuits on similar or other phase is strictly not allowed; 9. Ferulling / numbering / taggning to wires with circuit number & db name for all lighting & raw / ups power shall be strictly followed at both DB & switch board / switch socket boards ends.		
1.1	Primary light points including the cost of 5A switch (Note :- Light Points which are controlled by Occupancy / Movement, the wiring shall be routed through the respective sensor as required.)	105	Nos
1.2	Primary light points directly taken / operated from LDB but excluding the cost of MCB. (Note :- Light Points which are controlled by Occupancy / Movement / Presence Sensors, the wiring shall be routed through the respective sensor as required.)	10	Nos
1.3	Secondary light points looped from the above point	280	Nos
1.4	Two way light point including the cost of 5A two way switch	5	Nos
1.5	Fan Point including 120W Electronic type step regulator, anchor fastner & 'S' type fan hook in ceiling to suspend ceiling fan by cutting / chiesling / painting as required	4	Nos
1.6	Service Call Bell point (For Cabin / Room) comprising of wiring as above including the cost of audio visual indicator electronic bell buzzer installed at single common location in kitchen / attendant room as approved by the Architect / Client / Consultant.	16	Nos
1.7	Bell point comprising of wiring as above including G-Magic Wireless Door Bell 4061 with Remote, 32-Melodies & Flashing Light.	3	Nos
1.8	5A plug point as primary point independent mounted on wall / partition / on work station, etc. (UPS / RAW Power) (Only five workstations / independent mounted raw power points shall be looped in one raw power circuit. Whereas in measurements out of five workstations / independent mounted, four no.s of 5A s/s raw points will be considered as secondary points & 1 no. of 5A s/s raw point will be considered as primary point.)	25	Nos

S.N.	PARTICULARS	QTY	UNIT
1.9	Secondary 5A Plug point on switch board or looped from above 5A primary point (UPS / RAW Power) (Only five workstations / independent mounted raw power points shall be looped in one raw power circuit. Whereas in measurements out of five workstations / independent mounted, four no.s of 5A s/s raw points will be considered as secondary points & 1 no. of 5A s/s raw point will be considered as primary point.)	50	Nos
2	Exhaust fan point consisting of 5A socket near fan and switch on light switch board	10	Nos
3	Supply & installation of 5/15A Plug Point directly taken from DB as a Primary Plug Point for Pantry / geyser / zerox / printer / fridge, etc. including 2 x 4 Sq.mm FRLS conductor grade circuit wires directly taken from the relevant DB and also including 2.5 sqmm green color copper earth wire all laid through MS conduit with all necessary hardware& accessories, etc. (UPS / Raw Power)	15	Nos
4	Supply & installation of 5/15A Plug Point as secondary Plug Point directly taken / looped from above Primary 5/15A Plug point for Pantry / geyser / zerox / printer / fridge, etc. including 2 x 2.5 sqmm FRLS conductor grade circuit wires directly taken from the relevant DB and also including 2.5 sqmm green color copper earth wire all laid through MS conduit with all necessary hardware& accessories, etc. (UPS / Raw Power)	30	Nos
5	Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3C X2.5 Sqmm FRLS conductor grade copper conductor PVC sheathed white color flexible cable pulled through already laid floor raceways and taken upto table top using Metal flexible conduits run within wooden/metal partitions. Each point consisting of 4 nos of 5A , 2/3 pin sockets below table top & 1 No., 15A Switch above table top, wired together forming one point. The earth wire of 3 core flexible cable to be of yellow-green color only. (ONLY THREE tables served by one circiut from DB)	10	Nos
6	Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3C X2.5 Sqmm FRLS conductor grade copper conductor PVC sheathed white color flexible cable pulled through already laid floor raceways and taken upto table top using Metal flexible conduits run within wooden/metal partitions. Each point consisting of 3 nos of 5A , 2/3 pin sockets below table top & 1 No., 15A Switch above table top, wired together forming one point. The earth wire of 3 core flexible cable to be of yellow-green color only. (ONLY THREE tables served by one circiut from DB)	50	Nos
7	Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3C X2.5 Sqmm FRLS conductor grade copper conductor PVC sheathed white color flexible cable pulled through already laid floor raceways and taken upto table top using Metal flexible conduits run within wooden/metal partitions. Each point consisting of 2 nos of 5A , 2/3 pin sockets & 1 No., 15A Switch , wired together forming one point. The earth wire of 3 core flexible cable to be of yellow-green color only. (ONLY THREE tables served by one circiut from DB)	27	Nos
8	Supply & Installation of TV socket outlet point including approved make modular switchboard / in the existing switch board including all the necessary hardware & accessories, etc.	5	Nos
9	Supply & Installation of RG6 TV cable with MS conduit, Medium gauge, 1.6 mm thick, ISI Mark, with necessary hardware & accessories etc.	275	Rmt.
10	Supply & Installation of RG11 TV cable with MS conduit, Medium gauge, 1.6 mm thick, ISI Mark, with necessary hardware & accessories etc.	100	Rmt.
11	Supply & installation of 2-way splitter junction box including all necessary hardware, accessories, etc.	4	Nos
12	Supply & installation of 4-way splitter junction box including all necessary hardware, accessories, etc.	5	Nos
	TOTAL of SECTION (D)		

S.N.	PARTICULARS	QTY	UNIT
E	TRENCHING / FLOOR -RACEWAYS		
1	Supply and laying Raceways / MS Conduits (for under floor trenches / On trays) on existing flooring. Raceways / MS conduits shall be fixed to the flooring with GI clamps for finished levels as per the site conditions or through partitions with all accessories. The rate shall include preparation of trenches of required sizes by carefully removing the malwa on existing floor for laying Raceways/conduits for power, data, telephone cables etc. The depth of the trenches shall be at least 2 inches from the finished floor level or upto RCC of the slab. The rate shall include the cost of the Raceways/conduits. The rate shall also include the activity of clearing the debris generated from the preparation of trenches & filling the same with PCC. (FOR THE PORTION WITHOUT FALSE FLOORING)		
1.1	100 x 40 x 1.6mm thick Aluminium Raceways	95	Mtrs
1.2	80 x 40 x 1.6mm thick Aluminium Raceways	165	Mtrs
1.3	60 x 40 x 1.6mm thick Aluminium Raceways	180	Mtrs
1.4	32 mm HMS heavy guage, PVC conduit to be laid cancelled / surface in / on wall / floor as required as per the above mentioned specifications	185	Mtrs
1.5	25 mm HMS heavy guage, PVC conduit to be laid cancelled / surface in / on wall / floor as required as per the above mentioned specifications	95	Mtrs
2	Supply & Installation of floor junction boxes without top cover for above raceways, of following sizes , fabricated out of M.S. sheets, fully powder coated with provision for removable M.S. / S.S. screwed cover plates on all four sides for blocking the entry into the junction box. All the junction boxes to be (with stud) 'properly earth - bonded with the raceways pipe using 12 SWG Copper bare wire as directed at site.		
2.1	Junction Box of size (250mm x 250mm x 50mm x 2.5mm thick)	10	Nos
2.2	Junction Box of size (300mm x 300mm x 50mm x 2.5mm thick)	10	Nos
2.3	Junction Box of size (350mm x 350mm x 50mm x 2.5mm thick)	5	Nos
2.4	Junction Box of size (400mm x 400mm x 50mm x 2.5mm thick)	5	Nos
3	Supply & Installation of suitable sizes 2mm thick removable cover plate screwed on all four sides of M.S. sheet, fully powder coated, for blocking the entry into the floor junction box for following sizes of junction boxes with rounded corners as per the instruction given & sample approved by the client / architect / consultant at site. Cover plate shall have required no.s of 1' dia knockouts for flexible conduit outlets as per the requirement.		
3.1	for Junction Box of size (250mm x 250mm x 50mm x 2.5mm thick)	5	Nos
3.2	for Junction Box of size (300mm x 300mm x 50mm x 2.5mm thick)	5	Nos
3.3	for Junction Box of size (350mm x 350mm x 50mm x 2.5mm thick)	4	Nos
3.4	for Junction Box of size (400mm x 400mm x 50mm x 2.5mm thick)	6	Nos

S.N.	PARTICULARS	QTY	UNIT
4	Supply & Installation of suitable sizes 2mm thick removable cover plate screwed on all four sides of S.S. sheet, for blocking the entry into the floor junction box for following sizes of junction boxes with rounded corners as per the instruction given & sample approved by the client / architect / consultant at site. Cover plate shall have required no.s of 1' dia knockouts for flexible conduit outlets as per the requirement.		
4.1	for Junction Box of size (250mm x 250mm x 50mm x 2.5mm thick)	5	Nos
4.2	for Junction Box of size (300mm x 300mm x 50mm x 2.5mm thick)	5	Nos
4.3	for Junction Box of size (350mm x 350mm x 50mm x 2.5mm thick)	1	Nos
5	Supplying & fixing of 2mm thick G.I. Perforated type cable Trays of Asian /Profab Engineers approved make. The cable tray shall be fixed to the ceiling / wall with MS angle support with 35mmx2mm thick GI slotted 'C' channel patti at an interval of 1 meter or the MS angle iron fabricated support depending upon the location. The rate shall include the cost of Supports, hardware & accessories, etc. complete as required.		
5.1	Cable Tray :- 150 mm wide x 50 mm height x 2mm thick.	25	Mtrs
5.2	Cable Tray :- 300 mm wide x 300 mm height x 2mm thick.	20	Mtrs
6	Providing necessary opening within slab by mechanical drill of approximate size (600W x 150D)mm without disturbing the existing reinforcement and making it good with concrete after laying of necessary armoured cables, cable tray, channels, conduits, etc. & clearing the site complete including all necessary hardware and accessories,etc.	0	Nos
	TOTAL of SECTION (E)		

S.N.	PARTICULARS	QTY	UNIT
F	LIGHTING FIXTURES & LIGHTING CONTROLS		
	Supply & Installation of lighting fixtures with lamps as per the details below including necessary hardware such as clamps, nuts, bolts, nails, screws and suspension rods as required for fixing the fixtures in position as directed by architect / consultant / client.		
	All Light Fixtures excluding Fans, Exhaust Fans & other fittings samples shall be approved by the Client / Architect / Consultant before placing order to the respective Vendor / Supplier. All Light Fixtures shall be of GE / Philips / CGL / Osram (For LED Flexible Strip Only) make only unless & otherwise other makes are specified. Client / Architect / Consultant reserves right to approve / select final Light Fixtures from any make as required.		
1	LED Type Light fixture suitable for Modular Ceiling		
1.1	Supply & Installation of (30-40W) (2' X 2') LED Mirror optic Light fixture. The fitting shall be surface mounted / to be hanged from the ceiling at the height approved by architect. (GE Cat No. :- Maple GCR030.56 or equivalent category & model in Philips / CGL make as approved by client / architect / consultant.)	55	Nos
2	LED Type Light fixture suitable for Modular Ceiling		
2.1	Supply & Installation of (15-18 W) LED Spotlight flush mounted Light fixture. (GE Cat No. :- GE FERN LG7 18W GDR018.56L2 or equivalent category & model in Philips / CGL make as approved by client / architect / consultant.)	35	Nos
2.2	Supply & Installation of (10-15 W) LED Spotlight flush mounted Light fixture. (GE Cat No. :- GE FERN LG7 12W GDR012.56L2 or equivalent category & model in Philips / CGL make as approved by client / architect / consultant.)	100	Nos
2.3	Supply & Installation of (6/7W) LED Spotlight fixed / eye ball rotating type as approved flush mounted Light fixture. (GE / PHILIPS / CGL make as approved by client / architect / consultant.)	1	Nos
2.4	Supply & Installation of (3W) LED Spotlight fixed / eye ball rotating type as approved flush mounted Light fixture. (GE / PHILIPS / CGL make as approved by client / architect / consultant.)	5	Nos
2.5	Supply & Installation of (1W) LED Spotlight fixed / eye ball rotating type as approved flush mounted Light fixture. (GE / PHILIPS / CGL make as approved by client / architect / consultant.)	6	Nos
3	LED Type Light fixture suitable for bare Ceiling / Surface mounted		
3.2	Supply & Installation of (15-18 W) LED Spotlight surface mounted Light fixture. (GE / PHILIPS / CGL make as approved by client / architect / consultant.)	1	Nos
3.3	Supply & Installation of (10-15 W) LED Spotlight surface mounted Light fixture. (GE / PHILIPS / CGL make as approved by client / architect / consultant.)	1	Nos
4	Cove / Indirect Lighting & Other Area Lighting		
4.1	Supply & Installation of color changing Indoor type flexible LED strip light including required rated driver / power supply in multiples of 1 Rmtr as approved by the architect / consultant / client along with all necessary hardware & accessories, etc. complete as required (PHILIPS / WIPRO / CGL / GE make as approved by client / architect / consultant).	0	Rmt
4.2	Supply & Installation of IR Remote suitable for control of color changing flexible LED strip lighting	0	Nos
4.3	Supply & Installation of single color (warm white 2800k light / any other approved color) Indoor type flexible LED strip light including required rated driver / power supply in multiples of 1 Rmtr as approved by the architect / consultant / client along with all necessary hardware & accessories, etc. complete as required (PHILIPS / WIPRO / CGL / GE make as approved by client / architect / consultant).	190	Rmt
4.4	Supply & Installation of 7/9w LED bracket/mirror light. (PHILIPS / CG / GE make)	4	Nos
4.5	Supply & Installation of (20/18W) 4'/1200mm Decorative Slim LED Tubelight. The fitting shall be surface mounted on wall / to be hanged from the ceiling at the height approved by architect / client / consultant.	4	Nos

S.N.	PARTICULARS	QTY	UNIT
4.6	Supply & Installation of (10/8W) 2'600 Decorative Slim LED Tubelight. The fitting shall be surface mounted on wall / to be hanged from the ceiling at the height approved by architect / client / consultant.	2	Nos
5	Decorative Lighting (Only for Reception Area)		
5.1	Supply & Installation of Decorative type (Chandelier) Light fixtures (LED type preferably) only for Reception Area (Total = 1 no.s). Basic cost of per light fitting including lamp shall be not be more than Rs. 50,000/- . The fitting shall be hanged from the ceiling at the required height alongwith required support arrangements from the ceiling including all necessary hardware & accessories, etc. complete as required, directed & approved by the Architect / Client / Consultant. (For Reception Area Only) (Rate shall be quoted as one JOB Lumpsum basis only.)	1	LS
5.2	Supply & Installation of Decorative type (Chandelier) Light fixtures (LED type preferably) only for Cabins (Total = 7 no.s). Basic cost of per light fitting including lamp shall be not be more than Rs. 25,000/- . The fitting shall be hanged from the ceiling at the required height alongwith required support arrangements from the ceiling including all necessary hardware & accessories, etc. complete as required, directed & approved by the Architect / Client / Consultant. (For Cabins Only) (Rate shall be quoted as one JOB Lumpsum basis only.)	2	LS
6	Fans & Exhaust Fans		
6.1	Supply & Installation of Wall mounted exhaust fan (9" dia.) of decorative plastic body and blade with louvers on the outside of approved make	8	Nos
6.2	Supply & Installation of approved make Ceiling Fan (4'dia / 1200 mm dia) (BEE 5 star rated) (Colour :- White / Brown / Ivory as approved by client / architect / consultant) alongwith required hardware & accessories, etc.	2	Nos
6.3	Supply & Installation of approved make 400 mm dia. Decorative Wall Fan alongwith required hardware & accessories, etc. as approved by Architech / Consultant / Client.	2	Nos
6.4	Supply & Installation of approved make 400 mm dia. Decorative Pedastal Fan alongwith required hardware & accessories, etc. as approved by Architech / Consultant / Client.	0	Nos
	TOTAL of SECTION (F)		

S.N.	PARTICULARS	QTY	UNIT
G	MISCELLANEOUS WORK		
1	Lumpsum charges for arranging temporary power supply and lighting for all the contractor at site including the required number of tubelight fittings, sufficient number of plug points with plug tops, providing temporary supply arrangements for temporary workstations and including all the necessary safety devices like ELCB etc. to ensure SAFE & CONTINUED supply at site. Also removing of all type of existing electrical installations including light fittings, conduits, switch, socket, casing-capping, DB's MCB's, etc. complete as directed by the client / consultant at site & handing over to the client / Engineer Incharge at site. (Item to be quoted as one JOB on lumpsum basis.)		LS
2	Supplying & shock treatment / restoration charts written in Hindi, English & Marathi (Local Language) duly framed and covered with 2.8mm glass as required as per the locations as approved by Client / Architect / Consultant at site.	1	Nos
3	Supply and erection Standard First Aid Box complete as per specifications as per location as approved by the Client / Architect / Consultant with necessary antiseptic cream, medicine for use on wounds due burn, crepe bandage, guage bandage, medicated ready to use bandage (Band aid) adhesive tape for medicinal use, scissors, antiseptic solution (Savlon or similar) etc. (All above contents shall be of standard makes & shall be checked, confirmed & approved the Client / Consultant for Expiry Dates of all the Products provided in First Aid Box at the time of installation at site.)	2	Nos
	TOTAL of SECTION - (G)		

S.N.	PARTICULARS	QTY	UNIT
II	VOICE NETWORKING		
1	Supply, Installation, Termination, Testing, Commissioning & Certification of RJ-11 telephone socket outlet point alongwith PVC back box including 2-Pair wire as telephone cable from Telephone MDF upto individual Telephone socket outlet through already laid underfloor trenches / raceways / conduits & including MS conduit in case of concealed in wall / on surface for above false ceiling including all necessary hardware & accessories, etc. complete as required.	36	Nos.
2	Supply, installation, testing and commissioning of indoor type telephone Main Distribution Frame (MDF) / Box with suitable S.S. frame for mounting tag module, cable, wires and incorporated in 16 SWG MS box with proper lockable cover. The box should be fixed on wall with suitable fasteners including painting & earthing. This also includes fixing the cable, distribution chart sufficient space for the cables, wires etc.to be provided in the box for :-		
2.1	Supply & Installation of 200 pair MDF with Krone module including all hardware & accessories, etc. complete as required.	1	Nos.
3	Supply & Laying of 50 pair telephone cable on cable tray / duct / route as instructed & approved at site including all necessary hardware & accessories, etc.	50	Rmt
	TOTAL of SECTION - (II)		

S.N.	PARTICULARS	QTY	UNIT
III-A	MUSIC CUM PUBLIC ADDRESS SYSTEM		
1	Supply, Installation, Testing, Commissioning of point wiring for music - cum PA system comprising of 2x 1.0 sqmm stranded , copper conductor , flexible PVC insulated and PVC Sheathed wire pulled through 20 mm dia. MS Medium gauge, 1.6 mm thick, ISI Mark, conduits and looped from one speaker to other and to the volume control switch wherever applicable and finally terminated an tagblock.	15	Nos
2	Supply, Installation, Testing, Commissioning of of 6" dia music speakers to be flushed mounted on false ceiling similar to BOSCH / approved equivalent make. All speakers to be equipped with matching transformer for direct connection to 100v output line	25	Nos
3	Supply, Installation, Testing, Commissioning of volume control - cum - ON - OFF switch flush mounted on wall along with other electrical switches .The size and plate of the regulating knob should match with other switches nearby.	10	Nos
	TOTAL of SECTION - (III-A)		
	SIGN & SEAL OF THE CONTRACTOR		

S.N.	PARTICULARS	QTY	UNIT
SUMMARY STATEMENT			
I	ELECTRICAL WORKS		
A	MAIN LT PANELS /DBS	Rs.	
B	CABLES / MAINS	Rs.	
C	EARTHING (GENERAL / DEDICATED)	Rs.	
D	INTERNAL LIGHTING & POWER WIRING	Rs.	
E	TRENCHING / FLOOR -RACEWAYS	Rs.	
F	LIGHTING FIXTURES & LIGHTING CONTROLS	Rs.	
G	MISCLLANEOUS WORK	Rs.	
	TOTAL of SECTION (I)	Rs.	
II	VOICE NETWORKING		
A	VOICE NETWORKING	Rs.	
	TOTAL of SECTION (I + II)	Rs.	
III	MUSIC CUM PUBLIC ADDRESS SYSTEM		
A	MUSIC CUM PUBLIC ADDRESS SYSTEM	Rs.	
IV	TOTAL of ELECTRICAL & ALLIED WORKS SECTION (I + II + III)	Rs.	
V	LESS: DISCOUNT OFFERED IF ANY %	Rs.	
VI	TOTAL (IV-V)	Rs.	
VII	ADD: CGST @ 9% on VI	Rs.	
VIII	ADD: SGST @ 9% on VI	Rs.	
	GRAND TOTAL (VI+VII+VIII)	Rs.	

S.N.	PARTICULARS	QTY	UNIT
	NOTE :-		
	1. Above quantities may vary as per the final approved interior layout plans.		
	2. Lengths of cables from Section-B may vary as per the approved locations of Panel & DB's on site.		
	3. All the Light fittings samples shall be approved from Client / Architect / Consultant before delivery at site.		
	4. Work shall be done upto to the satisfaction of Client / Architect.		
	5. Main Electrical LT Panel's Fabrication drawings shall be approved from the Consultant / Client before starting fabrication of the same at factory & all the required Panel Test reports shall be submitted with the Delivery of Panel at site. Failing to these conditions Client / Consultant reserves the right to reject the Panel without assigning any reason thereof.		
	6. All rates shall be quoted exclusive of GST.		
	7. Item shall not be left unquoted / unfilled, failure to comply with either of these conditions, such tenders will be rejected without assigning any reason by the client. And no explanation / justification by tenderer will be entertained.		
	8. Rate shall be quoted both in figures & in words in columns specified. All erasures & alterations maid while filling the tender must be attested by initials of the tenderer. Overwriting of figures is not permitted & may result into rejection of such tender with assigning any reason by the client. And no explanation / justification by tenderer will be entertained.		
	9. Submission of Handover documents is necessary for Certification of Final Bill. In case of failure to submit the same Client / Consultant / Architect reserves right not to certify the final bill without submission of Handover Documents alongwith the Final Bill.		
	10. Running Bill will be certified only against the tender items executed at site at the time of billing & not against the material supplied at site which are not installed during certification of running bill.		
	11. <u>ELECTRICAL LOAD LIASIONING & STATUTORY APPROVAL CHARGES</u> - All Tender Item Rates Quoted shall be inclusive of necessary charges for Electrical Load Liasioning, enhancement of load as per proposed new load requirements, meter sanctioning & approval charges from electric supply company for required load (as mentioned in the connected electrical load sheet), in existing connected load including necessary power supply arrangements, service line, replacing existing energy meter to required capacity & passing the electrical installation from electric supply company authority. No other charges will be paid seperately by the Client / Bank for the necessary Electrical Load Liasioning & enhancement of Load required for the proposed premises.		
	SIGN & SEAL OF THE CONTRACTOR		