TEND	ER & SPECIFICATION FOR PROPOSED ELECTRICAL LOBBY INDORE	WORK'S	SADHANA	A NAGAR B	RANCH & E-
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.	70.00		
ii	Two light points controlled by one 6 amp. Modular switch.	Nos.	10.00		
iii	Three light points controlled by one 6 amp. Modular switch.	Nos.	2.00		
V	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	Celing fan point with one nos 6 amp switch and 2 module electronic regulator including wiring & ceiling rose	Nos	16.00		
viii	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc.				
а	same board	Nos.	16.00		
xi	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 (max 3 points per circuit).				
а	Primary Point	Nos.	8.00		
b	Secondary Point looped	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) max 2 points per circuit.				

TENDER & SPECIFICATIONS FOR PROPOSED ELECTRICAL WORKS AT SADHNA NAGAR BRANCH

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
a)	Primary Point	Nos.	12.00		
b)	Secondary Point	Nos.	6.00		
3(a)	Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 sq.mm. PVC insulated 1100 V grade copper conductor wire with modular type AC box(tiny trip type) with socket complete in all respects controlled by 25/32 A SP MCB to be provided near indoor unit. The point starts from DB to stabilizer to the point near the indoor unit including top.	Nos.	3.00		
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 TPN (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit (includes wires for terminal connection of outdoor unit from TPN)	Nos.	6.00		
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 b) Same as above but looped from the above 1st point to 2nd, point and 2nd point to 3rd point. (Maximum 3 points in a circuit)  Primary Points	Nos.	8.00		
	Secondary Points	Nos.	4.00		
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 Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	8.00		

TENDER & SPECIFICATIONS FOR PROPOSED ELECTRICAL WORKS AT SADHNA NAGAR BRANCH

commissioning of colour coded with cables in the existi &fixing conduit puilding tag block to a Supplying & fixing and fixing for computer ack to computer ack ack provided and ack provided ack ack ack ack ack provided ack ack provided ack ack provided ack provided ack ack provided ack ack provided ack ack provided ack provi	SCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
b) P/L 10 Pair of PV jelly filled armored  2 COMPUTER NETY 2.1 Wiring for computer ack to computer in PVC conduits of ferrules at both including providing RJ 45 outlet, face modular type, Thi CAT-6 cable in PV the I/O hub to the place and fixing in the front power lock & key).  2.2 Supplying and fixing in the front power lock & key).  2.3 a Supply, Installation Jack Panel.  2.4 Supplying and fixing and form the fixing of T.V Co axial social for T.V Co axial social for T.V Coaxial cab  C. CABLES, MAINS of T.V Coaxial cab  Supplying all mat grade PVC insulated MS conduit with a floor, wall and the to original. Conduit level.  i 1 X 10 sq mm Cu vivial supplying, laying, laying	g, effecting terminations, testing and f 0.51 mm dia Cu. Conductor, twisted, ith polythene capor barrier, telephone ting tray or in conduit including providing pipe or cable tray as required from to the floor as required.				
jelly filled armored  2 COMPUTER NETY 2.1 Wiring for computer rack to computer vin PVC conduits of ferrules at both including providing RJ 45 outlet, face modular type, Thi CAT-6 cable in PV the I/O hub to the providing and fixing in the front power lock & key).  2.2 Supplying and fixing in the front power lock & key).  2.3 a Supply, Installation Jack Panel.  2.4 Supplying and fixing conduction of T.V Co axial social for T.V Co axial social for T.V Co axial cab  C. CABLES, MAINS of T.V Coaxial cab  Supplying all mat grade PVC insulated MS conduit with a floor, wall and the to original. Conduit level.  i 1 X 10 sq mm Cu vivial supplying, laying, la	g 20 pair krone tag block with enclosure.	Nos.	1.00		
2.1 Wiring for computer rack to computer vin PVC conduits of ferrules at both including providing RJ 45 outlet, face modular type, Thi CAT-6 cable in PV the I/O hub to the power lock & key).  2.2 Supplying and fixing in the front power lock & key).  2.3 a Supply, Installation Jack Panel.  2.4 Supplying and fixing of Mounting Cord)  2.5 Supplying and fixing of T.V Co axial socless of T.V Co axial socless of T.V Coaxial cab  C. CABLES, MAINS  1 Supplying all mat grade PVC insulated MS conduit with a floor, wall and the to original. Conduit level.  i 1 X 10 sq mm Cu vivia Supplying, laying, lay	VC insulated PVC sheathed multi core d telephone.	Mtrs.	10.00		
rack to computer vin PVC conduits of ferrules at both including providing RJ 45 outlet, face modular type, Thi CAT-6 cable in PV the I/O hub to the power lock & key).  2.2 Supplying and fixing in the front power lock & key).  2.3 a Supply, Installation Jack Panel.  2.4 Supplying and f Mounting Cord)  2.5 Supplying and fixing 6 6 T.V Co axial socl  4.0 Supply drawing, cof T.V Coaxial cab  C. CABLES, MAINS  1 Supplying all mat grade PVC insulated MS conduit with a floor, wall and the to original. Conduit level.  i 1 X 10 sq mm Cu vince Supplying, laying,	TWORKING				
in the front power lock & key).  2.3 a Supply, Installation Jack Panel.  2.4 Supplying and f Mounting Cord)  2.5 Supplying and fixing 6 6 T.V Co axial socl  4.0 Supply, drawing, 6 of T.V Coaxial cab  C. CABLES, MAINS  1 Supplying all mat grade PVC insulated MS conduit with a floor, wall and the to original. Conduit level.  i 1 X 10 sq mm Cu vivia Supplying, laying, laying			20.00		
Jack Panel.  2.4 Supplying and f Mounting Cord)  2.5 Supplying and fixing 6 6 T.V Co axial socl  4.0 Supply, drawing, cof T.V Coaxial cab  C. CABLES, MAINS  1 Supplying all mat grade PVC insulat MS conduit with a floor, wall and the to original. Conduit level.  i 1 X 10 sq mm Cu vivial Supplying, laying,	king 9 U (Rack with glass door, opening er panel 1 (horizontal), cable manager 1	Nos.	1.00		
Mounting Cord)  2.5 Supplying and fixing of a T.V Co axial sock  4.0 Supply, drawing, of T.V Coaxial cab  C. CABLES, MAINS of T.V Coaxial cab  Supplying all mat grade PVC insulated MS conduit with a floor, wall and the to original. Conduit level.  i 1 X 10 sq mm Cu viving Supplying, laying,	on, Testing & Commissioning of 24 port	Nos.	1.00		
3.0 Supply and fixing of 6 T.V Co axial sock 4.0 Supply, drawing, of T.V Coaxial cab  C. CABLES, MAINS of T.V Coaxial cab 1 Supplying all mat grade PVC insulated MS conduit with a floor, wall and the to original. Conduit level.  i 1 X 10 sq mm Cu viving, laying, laying, laying, laying,	fixing Patch Cord-2 Meter- (DBPS	Nos.	20.00		
6 T.V Co axial soci 4.0 Supply, drawing, of T.V Coaxial cab  C. CABLES, MAINS 1 Supplying all mat grade PVC insulat MS conduit with a floor, wall and the to original. Conduit level.  i 1 X 10 sq mm Cu viiv Supplying, laying,	ing Patch Cord-1 Meter-	Nos.	20.00		
of T.V Coaxial cab  C. CABLES, MAINS of Supplying all mat grade PVC insular MS conduit with a floor, wall and the to original. Conduit level.  i 1 X 10 sq mm Cu viiv Supplying, laying,	of 1.6 mm thick G.I. Box along with RG cket with Cover Plate.	Nos.	1.00		
Supplying all mat grade PVC insulated MS conduit with a floor, wall and the to original. Conduit level.     I X 10 sq mm Cu volume in Supplying, laying,	connecting, testing and commissioning ble RG 6 in existing conduit.	RM	10.00		
Supplying all mat grade PVC insulated MS conduit with a floor, wall and the to original. Conduited level.     I X 10 sq mm Cu volume in Supplying, laying,	& STRMAINS				
i 1 X 10 sq mm Cu v	aterials and laying/ pulling 1100 volts ated copper conductor wires (FRLS) in all fixing accessories after cutting the e like etc. and replastering the floor level uit must be 30 mm below the floor finish				
	ı wire for earthing.	RM	15.00		
conductor armout wire including cab Lugs, Glands, teri	t, testing & commissioning of 4 C X 10 volts grade PVC insulated copper ured cable with 10 gauge earth copperables end termination using appropriate ermination acessories, Clamps etc. as specification from main board to UPS		35.00		

TENDER & SPECIFICATIONS FOR PROPOSED ELECTRICAL WORKS AT SADHNA NAGAR BRANCH

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
V	Supplying, laying, testing & commissioning of 4 C X 16 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (Light DB).		15.00		
Vİ	Supplying, laying, testing & commissioning of 4 C X 25 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (Power DB,AC DB & Server Room DB).	RM	20.00		
vii	Supplying, laying, testing & commissioning of 4 C x 70 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (Mains).	RM	30.00		
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 line and the line addition to be described.				
	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.				
а	6-way TPN DB (LIGHT DB)	No.	1.00		
	Incomer:-	. 10.	7.00		
	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase				

## TENDER & SPECIFICATIONS FOR PROPOSED ELECTRICAL WORKS AT SADHNA NAGAR BRANCH

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
	Outgoing:-				
	10-12 Nos.6/10/25 Amp (10 KA) SP MCB				
а	4-way TPN DB ( POWER DB)	No.	1.00		
	Incomer:-				
	1 No. 63 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase				
	Outgoing:-				
	12-14 Nos.6/10/25 Amp (10 KA) SP MCB				
b	4-way V-TPN DB (AC)	No.	1.00		
	Incomer:-				
	1 No. 80 Amp 4 Pole (16 KA) MCCB				
	Outgoing:-				
	6 No. 40 Amp (16 KA) TP MCB				
	4 Nos.10/16/25/32 Amp (10 KA) SP MCB				
С	4-way TPN DB UPS ROOM	No.	1.00		
	Incomer:-				
	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase				
	Outgoing:-				
	10 -12Nos. 6/10/16/25/32 Amp (10 KA) SP MCB, For Lights, Power & spare, UPS etc				
d	4-way SPN DB with 2 No 40 A (10 KA) DP MCB (For UPS Input)	No.	2.00		
е	12-way SPN DB (For UPS Sub DB)	No.	1.00		
	Incomer:-				
	1 No. 25 Amp DP (10 KA) MCB with 25 A DP RCCB (100 MA)				
	Outgoing:-				
	8-10 Nos.6/10/16/25Amp (10 KA) SP MCB				
f	8-way SPN DB (For ATM DB with lock & key arrangement)	No.	1.00		
	Incomer:-				
	1 No. 40 Amp DP (10 KA) MCB with 25 A DP RCCB (100 MA)				
	Outgoing:-				
	4 Nos.6/10/16/25Amp (10 KA) SP MCB				

TENDER & SPECIFICATIONS FOR PROPOSED ELECTRICAL WORKS AT SADHNA NAGAR BRANCH

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
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 As specified in tender document or approved by SBI/Architect.	Nos.	27.00		
ii	Supplying, fixing, testing and commissioning of 15 W LED commercial type down lighter of make As specified in tender document or approved by SBI/Architect.	Nos.	30.00		
ii	Supplying, fixing, testing and commissioning of 15 W LED commercial type surface down lighter of make As specified in tender document or approved by SBI/Architect.	Nos.	7.00		
ii	Supplying, fixing, testing and commissioning of 3 W LED commercial type spot down lighter of make As specified in tender document or approved by SBI/Architect.	Nos.	3.00		
V	LED 18 watt Tube Light with all accessories.make As specified in tender document or approved by bank	Nos.	15.00		
vi	LED Strip for cove lighting 15 W per 5 M with driver and necessary installation fittings Led strip light (5 mtr.) make as specified in tender document or approved by SBI/Architect.	RM	70.00		
vii	Supply, installation, testing and commissioning of following fans with all fixing materials like white Polycarbonate 2 mm Hylem sheet cover, down rods, fan box as required etc. all complete as per the directions of Engineer-in-charge.				
	ceiling fan 1200mm dia	Nos.	16.00		
viii	Supply & fixing of 230 mm exhaust fan 'Ventilair DX W' with self closing louvers and plastic body with all accessories etc. complete of make As specified in tender document or approved by SBI/Architect.	Nos.	4.00		
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).	Nos	2.00		

TENDER & SPECIFICATIONS FOR PROPOSED ELECTRICAL WORKS AT SADHNA NAGAR BRANCH

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
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).	Nos	2.00		
3	Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.				
i	25 mm x 3 mm copper strip with proper clamps	RM	15.00		
ii	25 mm x 5 mm GI strip	RM	10.00		
iii	Providing and fixing 2 X 8 SWG dia. Cu earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface/ recess cable as required.	RM	15.00		
4	Providing and fixng Stabilizer with 3 step relay and input voltage range of 140-280 V and output to be 230 V (Blue bird/ Logic state/ Inline/ V-gourd) (copper winding).				
а	3 KVA (For 1.0 TR Split AC)	Nos.	2.00		
b	4 KVA (For 1.5 TR Split AC)	Nos.	1.00		
5	Control Cable For AC- Supply & laying, testing & commissioning of following sizes of copper conductor contorl cables on existing tray icluding fixing clamps & proper connections to equipment etc complete as required.				
	4 Cx 1.5 Sqmm	Mtr.	30.00		
	4Cx2.5 sqmm	Mtr.	75.00		
6	Supplying, installation and commissioning of automatic 24 HRS. programmable TIMER of required capacity to run A.C. alternately (MDS/ L&T/ Other reputed make).	Nos.	1.00		

TENDER & SPECIFICATIONS FOR PROPOSED ELECTRICAL WORKS AT SADHNA NAGAR BRANCH

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
G.	MAIN PANEL AND METER BOARD				
	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 50Hz system suitable for fault level of required value symmetrical at 415V fabricated from 2mm thick CRCA MS sheets with hinged, gaskettted (Metal based neoprene) locable doors having structural reinforcement including 3mm thick gland plates on top and bottom, lifting hooks, GI earth strip of required size with 2 nos earth terminals, 2 nos 230V AC operated 250mm X 250mm size axial fans for exhaust of heat with On-Off toggle switches including 2 coated primer and 2 power coated paint 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 (KRYPTON POWER CONTROLS/NEPTUNE/TRICOLITE/AMPTECH Or should be CPRI Approved, Type of Approval as instructed by the SBI/Architect) as per the following specifications, should be CPRI Approved.				
	All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbars insulation shall be withheat 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				
а	GA drawings shall be got approved by SBI  Fabrication, supply, installation, testing and commissionings of cubicle type floor/wall mounted L.T. panel made out of 2 mm thick CRCA sheet including connection, inter-connection alongwith 4 strip aluminium busbar as per CPWD specifications, (Part IV-Sub-station)				
	etc. as required.(Meter Board)				
	Incoming :-				
	i) 1no. 125 Amp 4P MCCB (25 KA) thermal over current,				
	instantaneous, Short circuit realease,Earth fault.				
	ii) Busbar :-200 Amps 4P aluminum conductor bus bar (BPTM type Heat-shrinkable busbar insulation) supported by DMC / FRP insulators.				
	Space shall be provide for the BSES Meter				
	Meter board shall be lockable.				
	Complete panel described as above.				

TENDER & SPECIFICATIONS FOR PROPOSED ELECTRICAL WORKS AT SADHNA NAGAR BRANCH

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
b.	Floor panel shall consists of : -				
	INCOMER				
	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				
	circuit realease,Earth fault.				
	BUSBARS				
	160 amps TPN pole busbar chamber of suitable length				
	with copper busbars. All busbars and interconnections				
	shall be of suitable size copper strips.				
	INDICATING DANIEL				
	INDICATING PANEL				
	Digital flush type class-1.0 accuracy multifunction meter				
	showing V, A, PF etc. with 3 Nos. current transformers of				
	100/5A ratio, 10 VA Class-1.0 metering 1 sets 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.				
	Restricted Earth fault relay with 3 Nos. current				
	transformers of 160/5 ratio, 15 VA Class 5P 10 (Numeric				
	Relay not required.)				
	Undervoltage, Overvoltage & phase reversal relay for				
	persisted voltage of 105-180% & 20-95% of rated				
	voltage. (Numeric Relay not required.)				
	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 Nos 63A TPN MCB (10 kA) terminals suitable to				
	receive cable on one side and wire connection to Bus				
	bars. (For PDB,UPS)				
	1 Nos 40A TPN MCB (10 kA) terminals suitable to				
	receive cable on one side and wire connection to Bus				
	bars. (For LDB )				
	2 Nos 40A DP MCB (10 kA) terminals suitable to receive				
	cable on one side and wire connection to Bus bars.				
	The electrical panel as described above and	Set	1.00		
	specifications complete.	061	1.00		
	apa				
C.	Supplying, installation, testing & commissioning of 12.5	Set	1.00		
<b>J.</b>	KVAR, APFC Panel autooperation and power factor	1			
	should be nearing unity complete as required inluding all				
	contactors, relays, indivating units etc. as required at				
	site".				
	Capacitor make: L&T/ ABB/ Siemens/ Neptune				
	TOTAL FOR ELECTRICAL WORKS				
AI -	to:- The rates quoted includes all other taxes, duties	 	 	- tuo no manda	diam attaca

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