

CLIENT : STATE BANK OF INDIA					
ELECTRICAL WORKS FOR COMPLIANCE OF ELECTRICAL AUDIT AT AO, AURANGABAD-REPLACEMENT OF LIGHTING DB's					
No.	PARTICULARS	QTY.	UNIT	RATE	AMOUNT
A	<u>SECTION - A</u>				
1.0	S/I/T/Commissioning 6 way VTPN DB having	16	NO.		
a	Incoming- 160 A TP MCCB - 1 NO.				
b	Outgoing-20/32/40 A SP MCB 18 NOS with all access.				
	Separate Neutral Bus for Each Phase to be given				
	Note-MCB should be C-Curve				
2.0	Phase balancing of following Departments	1	JOB		
	GB SECTION, ZOCC & SSL SECTION, DISPENSERY, SECURITY,Canteen,Confrence hall Ellora, NAP &HR RACPC. RBO-1, RBO-IV.				
3	6 WAY SPN DB consist of				
a	Incomer: - 63 Amps DP MCB - 1 No.				
b	Outgoing: -16/32 Amps SP MCB , C-curve- 06 Nos.				
	(Make: - L&T/ Legrand / Siemens / Merlin Gerin)	3	SET		
	TOTAL OF SECTION A				
B	<u>SECTION - B</u>				
1	POWER POINTS- wiring for 5/16 Amp-6-pin sockets by using 4sq.mm PVC insulated 1100v grade copper conductor wire with independent 2.5 sq.mm earth wire from DB to first and fixing of 16amp. 6-pin socket with 16amp. Switch	5	nos.		
2	Supply,installation of Reyroll Socket	10	nos		
3	A.C. point- 3 Core X 4 Sq.mm. Cu. Armoured XLPE Cable from AC DB to AC point .Rates are inclusive of supplying and fixing of metal AC box with 3 pin metal clad top and 25 amp SPMCB "C" series. (Wiring must be from DB to stabilizer to MCB near indoor unit to indoor unit) Make - C&S, Legrand FOR BM Cabin &System Room,and Banking hall	2	Nos		
	TOTAL OF SECTION B				
C	<u>SECTION - C</u>				
	TELEPHONE & DATA CABLING				
1a	REMOVING OLD and unused TELEPHONE & Data cable of entire premises of AO,Aurangabad	1	job		

1c	Supply & installation of Telephone point wiring on workstations/tables/partitions by using 2-pair cable pulled through already laid floor raceways/conduits and taken upto the table top using PVC rigid / flexible conduits run concealed.Each point consists of one RJ-11 jack type telephone socket,MS box flush to the surface, front plate etc & hardware asrequired.	10	NOS.		
TOTAL OF SECTION C					
D	SECTION -D				
MISCELLANEOUS WORK					
1	SITC GI Chemical Earthing- Supply, Installation, Connection, Testing and Commissioning of maintenance free heavy duty earthing GI chemical electrode of 50 mm dia, wall thickness 16 gauge and 3 meter length with internal conductor of GI of (30x6) mm along with 60 kg bag of Back fill compound (highly conductive, non corrosive moisture retaining chemical) complete with excavation , civil works including top 300 mm deep one brick thick masonry chamber & good quality soil, water puring arrangements with cast iron cover and with arrangements for fitting/termination of G.I. flats/wire with G.I. nut bolts . The voltage between Neutral and earth not to exceed 0 Volts and IR value less than 1 ohm. The earth resistance shall be as per IS 3043.	2	NOS.		
2	SITC Copper Chemical Earthing - Supply, Installation, Connection, Testing and Commissioning of maintenance free heavy duty pure electrolytic copper chemical earthing electrode of 50 mm dia, wall thickness 16 guage and 3 meter length with internal strip of copper (25x6)mm along with 60 kg bag of Back fill compound (highly conductive, non-corrosive moisture retaining chemical) complete with excavation , civil works including top 300 mm deep one brick thick masonry chamber & good quality soil, water puring arrangements with cast iron cover and with arrangements for fitting/termination of G.I. flats/wire with G.I. nut bolts. The voltage between Neutral and earth not to exceed 0 Volts and IR value less than 1 ohm. The earth resistance shall be as per IS 3043.	1	NOS.		
3	S/I/T/Commissioning of 1 No. of 10 Sq.mm. single core PVC flexible copper wire for UPS in 25mm PVC conduit with all required accessories etc.	45	Mtrs.		
3a	S/I/T/Commissioning of 25mm X 3mm GI Earthing Strip.	35	Mtrs.		
4	Arranging temporary Power & Lighting for all agencies to work . The rate shall include statutory aproval from Local Electrical Inspectorate & other required satatutory bodies, preparation of AS-BUILT drawings, Testing of the installation & prepraition of test report as required by statutory bodies. Note: The rate to include cost of suitable temporary Lighting for all areas and temporary data cabling & networking as per requirement during work .	1	nos		

5	S/I/T/Commissioning of light censors for cabins /conference room	2	nos		
	TOTAL OF SECTION D				
E	SECTION E				
	NETWORKING & DATA CABLING				
1a	Providing, fixing, testing and commissioning of all nodes of four pair UTP CAT 6 LAN cables length upto 30 meter length or less as per site condition in suitable size 20/25 mm dia, 16 SWG wall thickness rigid PVC conduit with conduit accessories like bend/junction box/ fan box etc on surface/recessed manner and making good all the damages, painting, cleaning the site etc. complete as required as per site condition and as directed as required. Junction box should be covered with Stainless steel plate with screw with gasket for protection of water/dust. Providing, fixing, testing and commissioning of modular type RJ45 cat-6 I/O information outlet, single / dual / quad type face plate, PVC back box etc. including Termination, Testing,Certification and Documentation of UTP Pointsand complete system as required with suitable size of MS/PVC modular boxes complete, all accessories with insulation displacement connectors etc suitable for CAT 6 UTP cabling with RJ-45 socket with testing and commissioning of STP cabling with scanner for all the nodes/switches/jack panel complete (Each point/circuit/cable from both load and source end to be marked with ferrules.) Make of Material:- (i) Data Cable, Cat 6 cable, Switch, Jack panel, Rack, Patch cords & Other accessories:- D-Link,Legrand	10	NO		
1b	Providing, fixing, testing and commissioning of all nodes of four pair UTP CAT 6 LAN cable	300	mtrs		
	Total of Section E				
F	<u>Buy Back Of Old DB'S, Data Cables, and Replaced Wires</u>				
	SUMMRAY				
A	SECTION A				
B	SECTION B				
C	SECTION C				
D	SECTION D				
E	SECTION E				
	TOTAL (Exclusive Of GST)				
F	Buy Back Value (Inclusive of GST)				
	GRAND TOTAL (A+B+C+D+E) Less - F				

