

**PRICE BID FOR ELECTRICAL INSTALLATION WORKS OF STATE BANK OF INDIA,
E-LOBBY AT ABOHAR CANTT.**

SN.	DESCRIPTION OF ITEM	QTY.	UNIT	RATE	AMOUNT
	PART- A				
	UPS & RAW POWER POINTS				
1	As per item 1 above but with 2 no. 15 amp 5 pin modular socket controlled by 1 no. 15 amp modular switch.(For E-lobby UPS and data points are to be provided in lock and key arrangement))	2	Each		
2	As per item 1 above but with 1 no. 15 amp 5 pin modular socket controlled by 1 no. 15 amp modular switch with indicator.(On Raw power for general supply and for printer	3	each		
	DISTRIBUTION BOXES				
3	supply, installation, testing and commissioning of factory fabricated distribution board rust inhibited, powder coated sheet fabricated comprising of incoming isolator and outgoing MCB's neutral link or neutral bus, top and bottom detachable entry earthing bolts interconnection and grouting bolts etc complete as reqd. as per details below :-				
(a)	6way SPMCBDB double door comprising of 1 no. 40 amp DP isolator and 4 no. 6/10amp MCBs etc. complete as reqd. (For UPS Supply)	1	no.		
b)	4 way TPN MCBDB double door comprising of 1 no. 100 amp isolator and 12 no. 6-32 amp SP MCBs etc. complete as reqd. (for lighting ckt) UPS In-put & Out-Put and AC supply	1	no.		
	CONTROL AND DISTRIBUTION PANELS				
4	Providing and fixing 3 no. 32Amp kitkats (fuse carrier & base) with 1 no. neutral link on suitable size of Bakelite sheet of thickness not less than 6mm etc. complete as reqd.	1	no.		
5	Supply, installation, testing & commissioning of PVC insulated PVC sheathed Un armored cable of 1100 V (IS-1554 part 1) and fixing of cable on wall with suitable size of clamps/saddles or laid in floor /recess wall including cutting of floor/wall and making good the damages etc. complete as reqd. of following sizes:-				
a)	4core x 10 sq.mm. Aluminium conductor with 2 no. 8 S.W.G. GI wire (From panel to AC DB)	15	Per mtr.		
b)	3 core x 6 sq.mm. copper conductor (from UPS room to UPS DB & main panel to e-lobby room)	5	per mtr.		
c)	3 x 2.5 sq.mm. copper conductor (for AC distribution)	15	per mtr.		
6	End termination with brass compression glands including providing lugs/ferrules and making necessary connection etc. complete as reqd. following sizes:				
a)	4x10 sq.mm. Aluminium conductor	4	each		
b)	3x6 sq.mm. Aluminium/copper conductor	2	each		
c)	3x2.5 sq.mm. copper conductor	4	each		
	UPS DISTRIBUTION BOARD				
7	Providing and fixing 16 S.W.G. MS sheet adapter box, and also base frame for installation of MCB DBs plug and socket arrangement and to cover cables in system room including painting etc. complete	1	sq. mtr.		
8	supply fixing, testing of following 3 pin metal clad industrial type plug & socket arrangement with plug top cap & chain controlled by 1 No. MCB				

	(a) 20/25 amp with 20/25 amp SPMCB(For Acs and UPS)	4	no.		
9	providing and laying following sizes of PVC insulated copper conductor cable of 1100V in flexible/PVC conduit with accessories such as glands, bends etc. (as per requirement) including making necessary inter connection etc complete as reqd.2X6 sq.mm with 1 suitable PVC insulated earth wire	15	per mtr.		
10	providing and fixing suitable size of MS box fabricated with 16 S.W.G. MS sheet either in recess wall or on surface to accommodate dedicated earth from earth electrode and further distribution of earth to computer points including providing 5mm Bakelite sheet on base connector strip and painting of box etc complete as reqd	1	job		
EARTHING					
11	(a) supply and fix copper plate earth station with 600x600x3 mm thick copper plate including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i/c excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as reqd as per IS-3043-1987. The voltage between neutral & earth must be below 1 volt.	1	set		
a)	Supplying, fixing & termination of 20x3mm copper strip with earth station below ground level etc complete as reqd.	3.00	mtr.		
b)	Providing and fixing of 8 SWG copper earth wire in the recess for loop earthing etc. as required.	10	mtr		
12	Supply & laying 2mm thick 25 mm dia ISI mark PVC conduit pipe complete with accessories such as bends, junction boxes etc under floor or in recessed walls from copper earth electrode to UPS room for computer dedicated earthing, from GI earth electrode to main panel & UPS panel etc. wherever reqd. Note: flexible pipe not to be used any where.	10	mtr		
COMMUNICATION					
13	Networking for computer networking starting from mounting rack with UTP CAT-6 cable in 2mm thick 25 mm dia ISI mark PVC conduit with accessories such as bends, junction boxes including providing and fixing I/O plates and SMB complete with all networking accessories etc complete as reqd. Note: flexible pipe not to be used any where.	4	Nos		
14	Providing and supply, installation, testing and commissioning of 16-port Patch Panel	1	Nos		
15	Providing and supply, installation, testing and commissioning of mounted rack 12" height made of powder coated MS sheet	1	Nos		
16	supply, installation, testing and commissioning of factory made patch cable CAT-6 complete with 2 no. connectors etc. complete as reqd.				
	(a) 1 mtr. long	4	Nos		
	(b) 2 mtr. long	2	Nos		
	(c) Data cable CAT-6 with connector	10	Nos		
17	Automatic Programmable Time Switch 24 Hour for AC in ATM (Make: L&T or equivalent to Legrand/Havells/Seimens)	1	no.		

18	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular socket, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. including DB to Switch board Wiring circuit /submain wiring along with earth wire with the following size of PVC single core FRLS copper conductor wire in 2mm thickness PVC pipe as required: 2x2.5 sq mm + 1x1.5 sq mm earth wire				
(a)	One light point controlled by one switch	10	no.		
(b)	Two light point controlled by one switch	10	no.		
(c)	One plug point	3	no.		
(d)	One switch controlled by one socket (independent for wall fan)	6	no.		
	TOTAL				
	PART- B				
SN.	DESCRIPTION OF ITEM		UNIT	RATE	AMOUNT
	SUPPLY OF FIXTURES				
1	SITC of 36 watt recess mounted LED Light panel suitable for 2' x 2' modular/gypsum ceiling with assembly complete with including making necessary frames & connections etc. Complete as reqd. (M/s Crompton Cat No. LCTRLN-36-FO-CDL or equivalent of Philips/Wipro/ Bajaj)	16	no.		
2	SITC of 15 watt recess mounted LED down lighter with assembly complete with including making necessary connections etc. Complete as reqd. (M/s Crompton Cat No. LCDE-15-CDL or equivalent of Philips/Wipro/ Bajaj)	22	no.		
3	Supply and fixing of LED type fitting 20 watt, 4 feet (M/s Phillips or equivalent of Wipro/ bajaj)	1	no.		
4	Supply and installation of 12" size medium duty exhaust fan . (Make: Crompton High Flo or equivalent of Khaitan / Bajaj (Necessary framing, wall cutting & finishing to be done by Contractor) Only Metal Frame & Body.	1	no.		
5	SITC of 30 watt Street light /Flood light for lighting the front side of the branch(M/s Crompton Cat No. LSTS-30-CDL or equivalent of Philips/Wipro.	5	Each		
6	SITC of 450 mm sweep wall fan Full Metal Body complete as reqd. Model turbo 180, USHA Make or equivalent of Crompton /Havells /Bajaj)	6	Each		
	Total - Part B				
	TOTAL PART-A				
	TOTAL PART-B				
a)	SUB TOTAL				

Note: (i) UPS point & networking point for e - lobby is to be provided in locking arrangement.
(ii) Only two computer points are to be provided on one circuit. Independent circuit for Raw power plug and A.C point is to be provided starting from MCB distribution system.