

Price Bid of Rehabilitation and Repair of Electrical & Allied and Air Conditioning works of Block -1 at State Bank of India , Administrative Office, Kanpur					
S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
A	Electrical works				
a	CABLES, MAINS & SUBMAINS				
1	Supplying 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.				
	Make: R R Kabel / Finolex / Havells / Polycab / KEI / Skyton / Bonton or eqv				
i	1 X 10 sq mm Cu wire for earthing.	RM	200.00		
ii	2 X 6 sq.mm. + 1 X 6 sq.mm.	RM	300.00		
vi	Supplying, laying, testing & commissioning of 4 C X 10 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 accessories, Clamps etc. as required as per specification	RM	650.00		
vii	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 accessories, Clamps etc. as required as per specification	RM	250.00		
2	Cable Tray and Raceways				
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	120.00		
4	Fabricating supplying to site of installation, in floor including chase cutting of floor,Wall,leveling, refilling and making good the same 1.6 mm thick cable tay of height 40 mm and 2.0 mm thick Perforeted Type, ,The junction box shall be nut bolted together to make it dust and water proof. complete with all fixing accessories as required.				
a.	200 mm (wide) x 40 mm (height)	RM	145.00		

b	DISTRIBUTION BOARD				
	Supplying, installing, testing & commissioning 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				
	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/				
	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	8-way VTPN DB	No.	3.00		
	Incomer:-				
	1 No. 63 Amp TPN (10 KA) MCCB				
	Outgoing:-				
	6 Nos.10/20 Amp (10 KA) TP MCB				
	6 Nos.10/20 Amp (10 KA) SP MCB				
b	4-way SPN DB WITH ELCB FORAC OUTDOOR	No.	13.00		

c	Removing/Shifting & refixing of existing electrical wire, cables & conduit with Cable tray and arrange temporary supply in premises area. the item includes removing at the time of dismantling and storing the clamps, brackets etc.proper without damaged or as per direction of Engineer-in-charge and refixing with all necessary tubes etc as required to satisfaction of architect /engineer in -charge.	Job	1		
TOTAL FOR ELECTRICAL WORKS					
B	AIR CONDITIONING WORKS				
1	EXTRA REFRIGERANT PIPING				
	Supplying and laying of Extra copper refrigerant piping with nitrile rubber pipe insulation, both of size as specified by the manufacturer suitable for 1.0 TR/1.5 TR/ 2.0 TR Split type AC and 1.5TR/2TR/ 3.0 TR/ 4.0 TR Cassette AC (From Indoor to outdoor Units).				
a	For 1.0 T as specified by the manufacturer	Mtr.	80.00		
b	For 1.5 T as specified by the manufacturer	Mtr.	160.00		
c	For 2.0 T as specified by the manufacturer	Mtr.	35.00		
2	DRAIN PIPING				
	Providing and fixing drain piping up to drain as directed by the engineer incharge with all accessories e.g. elbows, unions, sockets, reducers, reducing tees, nipples etc. Complete job including cutting chiseling in walls, floor and making good of all chases/ cuts etc. and discharging the drain into a floor trap/ gully as per site conditions with insulation, both as specified by the manufacturer.				
a	25 mm dia PVC drain pipe for Split AC	Mtr.	180.00		
3	Providing and fixing of lockable caging for outdoor unit grouted on wall or on roof with open able shutter made of 10 X 10 mm MS square bars placed vertically @ 6" c/c welded with 40 X 3 mm MS flat all-round. Item includes all necessary hardware, priming coat, synthetic enamel paint, hanger, clamps other accessories etc. All complete as per approval and instructions of the Architect/ employer.				
a	For 1.0/1.5/2.0 Hi Wall split units	Nos.	25.00		

4	Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 1.0/2.0 TR Split type AC (make as approved by Architect/ Bank).	Mtr.	275.00		
5	Dismanteling, Reinstallation, testing & Commissioning of existing/ provided by the Bank high wall split Acs (Indoor, outdoor) Including Refrigerant gas filling, Servicing, cleaning, capacitor change etc, voltage stabilizer if present, as per drg. or as directed by the engineer incharge: 1 TR/1.5TR/2TR Split type AC.	Nos	25.00		
	TOTAL AMOUNT FOR AC WORKS				
	FINAL TOTAL FOR ELECTRICAL & AC WORKS				
Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to site. only GST will be paid Extra					