

**PRICE BID FOR ELECTRICAL WORKS OF STATE BANK OF INDIA, EMERALD LOUNGE AT CHANDI MANDIR BRANCH**

S. No.	Item	Quantity	Units	Rate	Amount
<b>1</b>	<b>SUB HEAD 1 (COMPUTER POINTS AND DISTRIBUTION)</b>				
1.1	Supply all materials, receiving, storing, handling, fixing and laying 3 x 2.5 sq.mm PVC insulated copper conductor armoured cable and fixing of cable on wall with suitable size of clamps/saddles or laid in floor or recessed wall including cutting of floor/wall for computer points with suitable size GI Box with modular plate and cover in front including providing and fixing 3 no. 5 amp 5 pin modular sockets controlled by 1 no. 5 Amp switch with indicator <b>(to be provided above the table top in partition)</b> connection end terminations with suitable size of glands etc. complete as required. <b>(Only two points can be connected in series with single cable ) (Make: Anchor/Crabtree/North West/ REO)</b>	8.00	each		
	<b>2 for N/W Rack , 2 points for Meeting Room, 2 points per officer Seat, per Counter as per the drawing provided.</b>				
2	As per item 1 above but with 1 no. 5 amp 5 pin modular sockets controlled by 1 no. 5 amp modular switch including the cover plate. <b>(For T.V in Lounge/ Machines )</b>	2.00	each		
3	Providing and fixing, testing and commissioning of Heavy Duty modular air-conditioning plug & socket arrangement:				
3.1	25 amp air-conditioning point modular type socket { <b>to be fixed 1.5 foot below false ceiling</b> } with 25 amp DPMCB C SERIES { <b>to be fixed at Normal Height</b> }.	2.00	each		
	<b>As per the Plan provided by the Architect for Split A.C.</b>				
5	<b>Circuit Wiring and Point Wiring</b>				
5.1	Circuit wiring from the MCB/MCCB from the Distribution Board to the Switch Board with 2 x 2.5 sq.mm + 1-1.5 sq.mm copper conductor (FR) in PVC Conduit concealed/open and making good the damaged surfaces as per direction of the Engineer-in-charge. including the cost of the PVC conduit 2mm thick. <b>At least 9 points of Point Wiring shall required to be connected with single circuit</b>	4.00	Each		
5.2	Wiring for light point/ ceiling fan point/ exhaust fan point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit ISI Mark, with 6 Amp modular switch, modular plate, suitable GI junction & switch boxes & clip and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. <b>(Wires Make: Havells/ RR Kable / KEI/Finolex) (Switches : Make: Anchor/Crabtree/North-</b>				
a)	Single 6 Amp Switch controlling 1 light point for T-5, exhaust Fans , Ceiling fan and other separate room supply only	2.00	no.		
b)	Single 6 Amp Switch controlling 4 no. LED downlight / 2 no. 2'- 0"x 2'-0" 36 watt light fittings	22.00	no.		
c)	Single 6 Amp Socket controlling by 5 Amp Modular switch in switch boards etc complete as required	6.00	no.		
	<b>Extension of wall fans:</b>				
d)	Extension of points with 2 x 1.5 sq.mm. PVC insulated copper conductor cable in suitable dia MS conduit in recess conduit wiring system for wall fan points with modular switches of 6 amp { <b>to be fixed at Normal Height</b> } and 5 amp 5 pin modular sockets { <b>to be fixed 1.5 foot below false ceiling</b> } as per requirement and filling chassis etc complete as reqd.	6.00	no.		
6	Supply and Installation of Points for Wiring for power plug point <b>(Raw Power Point)</b> 16A with 2 x 2.5 sq.mm + 1 x 1.5sq.mm copper conductors , including the modular switches, sockets and plates Including the cost of 2mm thick PVC conduits. <b>(Switches : Make: Anchor/Crabtree/North-West/ MK) (Wires Make: Havells/ RR Kable / KEI /Finolex {Two points to be provided per circuit.} ( 2 points per circuit) ( 1 per Seat , 1 in Meeting Room , Lounge &amp; 1 for each for Coffe Machine &amp; Water Dispenser )</b>	6.00	each		
7	Providing & laying following sizes of PVC insulated copper conductor cable of 1100 V in flexible/PVC conduit with accessories such as glands. bends etc.(as per requirement) including making necessary Inter connection etc complete as reqd.				
a)	2 x 6 sq.mm with 1 no. suitable PVC insulated earth wire	10.00	mtr.		
8	Supply Installation, Testing & Commissioning of factory fabricated Double Door IP 43 distribution board rust inhibited, powder coated sheet fabricated comprising of incoming & outgoing isolator & MCB's neutral link or neutral bus, top and bottom detachable entry earthing bolts Interconnection and grouting bolts etc complete as require as per details below:-				
a)	6 way MCBDB comprising of 1 no. 63 amp DPMCB "C"Series and 4 no. 6/10amp SPMCB's "C" SERIES. <b>(for the UPS points each DB to be connected to 12 UPS points i.e only two points shall be connected with one MCB)</b>	1.00	each		
b)	4 way TPNCB comprising of 1 no. 100 amp 4 pole isolator and 2 no. 32 amp DPMCB , 4 no. 25 amp SPMCB & 4 no. 6/10 amp SPMCB <b>(for A.Cs , Lights &amp; Power Point Circuits). DPMCB must be of C Series.</b>	1.00	each		
	<b>TOTAL SUB-HEAD -1</b>				

**THAPAR AND ASSOCIATES**  
 C.A. No. 2010/5053  
 Mobile: +91 9516680875

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	<b>SUB HEAD 2 (PANELS &amp; CABLES)</b>				
1	Supply, installation, testing & commissioning of PVC insulated PVC sheathed armored cable of 1100 V (IS-1554 part I) 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:- (Make: Havells/ RR Kable / KEI/Finolex/Pymen)				
a)	3 x 6 sq.mm copper conductor (for UPS DB)	25.00	per mtr.		
b)	3.5 x 25 sq.mm. aluminium conductor with 2 no. 8 S.W.G G.1. wire (from Essential panel to the 4way TPND.B )	25.00	per mtr.		
c)	3 x 2.5 sq.mm. copper conductor (for the Air-conditioning wiring)	30.00	per mtr.		
2	End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reqd. of following sizes:-				
a)	3.5 X 25 sq.mm aluminium conductor	2.00	each		
b)	3 X6 sq. mm Copper conductor	2.00	each		
c)	3 X2.5 sq. mm Copper conductor	16.00	each		
	<b>TOTAL SUB -HEAD 2</b>				
	<b>SUB HEAD 3 (NETWORKING)</b>				
1	Wiring for computer networking starting from mounting rack with UTP CAT-6 cable in 2 mm thick 25mm 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.(Make: D-Link/MOLEX/AMP/COMMSCOPE).	8.00	no.		
2	Supply, installation, testing and commissioning of 24-port Patch Panel	1.00	no.		
3	Supply installation. testing and commissioning of mounted rack 12U height made of powder coated MS sheet.	1.00	no.		
4	Supply, fixing and commissioning of patch cable Cat-6 complete with 2 no. connectors etc. complete as reqd.				
a)	2m long	8.00	no.		
b)	1m long	8.00	no.		
5	Wiring for telephone points with 0.6 mm dia 2 pair insulated annealed tinned electrolytic copper conductor in 2 mm thick 25 mm dia ISI marked PVC conduit complete with accessories such as bends, junction boxes etc. with suitable size of G.I. box modular plate and cover in front on surface or in recess including providing and fixing modular type telephone socket outlet and making	4.00	no.		
6	Providing , Laying, testing & commissioning of 20 pair telephone cable from outside govt. / bsnl DB to Rack for lease line, ISDN of Make: Delton, finolex, polycab.	10.00	per mtr.		
	<b>TOTAL SUB -HEAD 3</b>				
	<b>SUB-HEAD 4 (AIR CONDITIONING PIPING WORK )</b>				
1	Supplying & Laying of following COPPER REFRIGERANT PIPING Thickness 22 SWG For Hi-wall Split AC complete with fittings Suction / Discharge line insulated with 12 mm SUPERLON / ARMAFLEX suction line. Multi-runs between Indoor & Outdoor units shall be considered as ONE length for the purpose of measurement.				
a)	1/4" + 1/2" Refrigerant Copper piping - For Hiwall Split AC's (1.0Tr / 1.5Tr )	30.00	per mtr.		
b)	5/8" + 3/8" Refrigerant Copper piping – For HWS/Cassette AC ( 2.0Tr / 3.0Tr)	10.00	per mtr.		
2	Supply and laying following dia 3.38mm (confirming to ASTM D1785 standard) in thickness, heavy duty PVC pipe under floor or recessed in walls for AC drains, { To nearest To including bends, Tees etc as required complete in all respect (Make: Diplast/Supreme)	25.00	per mtr.		
3	Cutting of floor/wall for laying of refrigerant/drain pipe including making good the damages etc. Complete as required.	40.00	per mtr.		
4	Electrical flexible cable of 3 x 2.5sq.mm FRLS Cu cable multi strand suitable for 2 Tr H.W Split & 1.5 Tr H.W Split. Multi-runs between Indoor & Outdoor units shall be considered as ONE length for the purpose of measurement.(Make: Havells/ RR Kable / KEI/Finolex)	50.00	per mtr.		
5	Removing , Refixing , Gas filling of Cassette Air Conditioner as per the requirement of the Branch . To be done after approval of the Architect Only.	1.00	no.		
	<b>TOTAL SUB -HEAD 4</b>				
	<b>SUB HEAD 5 (SUPPLY AND INSTALLATION OF FANS AND FIXTURES)</b>				
1	SITC of 2"x2" Celing grid 33-36 watt LED panel fixtures with essential driver in false ceiling including making necessary arrangement for mounting the fixtures and connection with 2 x 1.5 sq.mm insulated copper cable from adjacent point in PVC flexible pipe etc Complete as reqd. Make Phillips cat RC 380 B. LED-30.6500PSE OD.WH or equivalent of Winpro / Bajaj	5.00	no.		
2	SITC of 15 watt LED fixtures /dowlighters with essential driver in false ceiling including making necessary arrangement for mounting the fixtures and connection with 2 x 1.5 sq.mm insulated copper cable from adjacent point in PVC flexible pipe etc complete as reqd. Make Phillips cat no. DN- 102- 1000 or equivalent of Winpro / Bajaj	26.00	no.		
3	Supply of 450 mm sweep Metal Body Crompton greaves ( or equivalent) SDX BLCK GOLD / SSTROM 2 wall fan etc. 1325 rpm High Flow Model with 2 Pin Plug complete as required. (M/s equivalent of Bajaj / Havells/Usha )	5.00	no.		
4	LED Strip / profile light (4.5/5 watt) for cove (M/s Phillips /Wipro / Bajaj ) Complete in all respects with suitable drivers	40.00	per mtr.		
5	SITC of 200 mm Exhaust Fans complete with self opening louvers / shutters including necessary frame etc complete as required. ( M/S Crompton High Breeze or Equivalent of Usha / Bajaj )	1.00	no.		
	<b>TOTAL SUB – HEAD 5</b>				

**THAPAR AND ASSOCIATES**  
 C.A. No. 7010/2023  
 Mobile: +91 9826880875

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	TOTAL SUB-HEAD-1				
	TOTAL SUB-HEAD-2				
	TOTAL SUB-HEAD-3				
	TOTAL SUB-HEAD-4				
	TOTAL SUB-HEAD-5				
	<b>TOTAL SUB-HEAD- 1-4 (A)</b>				
	<b>TOTAL SUB-HEAD- 5 (B)</b>				
	<b>TOTAL (A+B)</b>				
	<b>GST shall be paid extra as applicable</b>				

THAPAR AND ASSOCIATES  
C.A. No. 2010/50575  
Mobile: +91 9816880875