

**ABSTRACT OF ESTIMATED COST FOR PROPOSED INTERIORS OF CENTRAL BANK OF INDIA**  
**THIRUVALLUR BRANCH**

**ELECTRICAL WORK**

<b>Sl.No</b>	<b>Description of works</b>	<b>Qty</b>	<b>Per Unit</b>	<b>Rate</b>	<b>Amount (Rs.)</b>
<b>1</b>	Wiring for Light points with 2 runs of 1.5 Sq.mm PVC insulated copper conductor in 19mm dia PVC conduit, modular switches & sockets(Anchor ROMA - Make) and other accessories including concealing the conduits and MS boxes				
<b>a</b>	1 Light controlled by one switch	20	1No		0
<b>b</b>	2 Light Controlled by One Switch	4	1No		0
<b>b</b>	5 A wall Fan plug points	8	1No		0
<b>c</b>	5 A wall plug points in switch board	5	1No		0
<b>d</b>	Exhaust& Ceiling fan point	7	1No		0
<b>2</b>	Supplying and fixing 4way TPN MCB DB Double door comprising: 1No 32A TPMCB mA as <u>Incomer</u> and 12Nos. 6/10 A SP MCB as <u>Outgoing</u> for Lighting circuits	1	1No		0
<b>3</b>	Supplying and running 2 runs of 2.5+run of 1.5sqmm PVC insulated copper conductor in 2.0 mm thick PVC conduit from the Lighting DB to the Switch boards for Lighting Circuits	200	1Mtr		0
<b>4</b>	Supplying and fixing 4 way 3 phase. Phase segregated MCB DB Double door with 1 No. 63 ATPMCB mA as <u>Incomer</u> , 3 Nos.12 Nos. 10/ 25 A SP MCBs as <u>Outgoing</u> for Power Plugs.	1	1No		0
<b>5</b>	Supply, laying, testing and commissioning of 3 runs of 2.5Sqmm PVC insulated FRLS multistrand copper wire in 2mm thick PVC conduit as required at site for Raw power sockets. Not more than 4work station point to be connected to one circuit.	200	1Mtr		0
<b>6</b>	Supplying and fixing 32 A Metal clad socket in MS Enclosure with top near AC units reyrox type	4	1No		0
<b>7</b>	Supplying and fixing 5 A / 15 A 'ANCHOR ROMA " make socket controlled by 16 A switch in MS enclosure	5	1No		0
<b>8</b>	<u>UPS WIRING:</u> Supplying and running 2 runs of 2.5 Sq.mm + 1x1.5 Sq.mm PVC insulated copper conductor in PVC conduit , for UPS Plugs from UPS DB( 3 sets of 2 plugs to be connected to each circuit)	200	1Mtr		0

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9	Supply, laying, testing and commissioning of 2 runs of 4Sqmm. And 1 run PVC insulated FRLS multistrand copper wire in PVC conduits as required at site for AC power.	150	P/Mts.		0
10	Supplying and fixing 3 Nos. 5 A sockets controlled by 1 No. 16 A Switch with Indicator as UPS Outlets with "Anchor" Modular switch on the Work Stations.	10	1No		0
11	Supplying and fixing 12 Way single phase MCB DB Double door with 1 No. 63 A TP MCB as <u>Incomer</u> and 10 Nos. 6/10 A SP MCBs as <u>Outgoing</u> asUPS DB	1	1No		0
12	Supplying and fixing Automatic Change Over switch 63 A capacity with 3 Phase Incomer and single phase Output for UPS	1	1No		0
13	Supplying and fixing Automatic Change Over switch 63 A capacity with 3 Phase Incomer and Three phase Output for Lighting	1	1No		0
14	<b>VERTICAL PANEL BOARD</b>				
	Supply, erection, testing and commissioning of 6 way VTPN DB Double door type with neutral bar, earth bar & removable glands made out of 16 SWG CRCA Sheet, dust and vermin proof, wall mounting consisting of the followi  Incomer : 125 A TPN MCCB 25ka Out goings: 40 A 3 Pole MCB: 2 Nos for LDB & spare 63 A 3 Pole MCB: 3 Nos for PDB,UPS DB & AC DB  16/25/32 A SP MCB: 3Nos for raw power & others	1	P/Set		0
15	Supply, erection, testing and commissioning of three phase 6 WAY, TPN MCB DB double door vertical type, IP 42 powder coated for AC DB with: 100A TPN MCCB – 1No as INCOMER 16/32A SP MCB – 12 Nos. as OUTGOING Including all interconnections & accessories etc	1	P/Set		0
16	Supplying and running 3.5 C x 50 Sq.mm UG aluminium cable with 2 runs of 8 SWG copper wire for earthing from the TNEB point of supply to the above panel	30	1Mtr		0

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17	Terminating the ends of the above cable with copper crimping sockets and flange type cable glands	2	1No		0
18	Supplying and running 4 runs of 10 Sq.mm and 2 runs of 4 Sq.mm copper conductor in 2 mm thick PVC conduit from the Main MV Panel to Change over switches of the UPS and Lighting DBs, Power DB.	50	1Mtr		0
19	Supplying and running 2 runs of 6Sq.mm and 1 runs of 2.5 Sq.mm copper conductor in 2 mm thick PVC conduit from the Auto Change over switches to UPS and Lighting DBs, Power DB.	35	1Mtr		0
20	Supplying and fixing 63A DP MCB in MS Enclosure for controlling the UPS input and Output	4	1No		0
21	Supply and Fixing of 63 A TPN MCB with enclosure (UPS main)	1	P/No		0
22	Earthing: Supplying and earthing of 2500mm long 100mm dia. Cast iron earth pipe with necessary charcoal and salt with 600mm X 600mm x 3mm thick copper plate for dedicated earthing for UPS including civil works of size 450mm x 450mm x 450mm and RCC top cover	1	1No		0
23	Supplying and earthing of 2500mm long 100mm dia.GI 40mm dia with necessary charcoal and salt including civil works of size 450mm x 450mm x 450mm and RCC top cover	1	1No		0
24	Supplying and running 10 sq.mm copper wires in PVC Conduit for dedicated earthing.	20	1Mtr		0
25	<b>LIGHTING FITTINGS</b>				
	Supply & Fixing of the following light fittings with all accessories, tubes, ballast's, suspension wires from ceiling, false ceiling, anchor fasteners, chains, bolts, nuts etc.,				
a	Supply & Installation of 1x36 watts 2' x2' LED light fitting with fixture ( <b>Wipro or Equivalent make</b> )	13	P/No		0
b	Supply & Installation of 1 x 20 - 4'-0" LED light fitting.	7	P/No		0
c	Supply & Installation of 1 x 15 watts LED Light fitting with fixture ( <b>Wipro,Philips or Equivalent make</b> )	8	P/No		0

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<b>d</b>	Supply & Installation of of 48" Sweep ceiling fan.	5	P/No		0
<b>f</b>	Supply & Installation of 12" Wall mounted fan	8	P/No		0
<b>26</b>	<b>INVERTER WIRING &amp; INSTALLATION</b>				
<b>a</b>	Supply & laying 3runs of 2.5Sqmm copper wire in suitable PVC conduits ( ISI make) 18mm dia including all civil works complete	130	1Rm		0
<b>b</b>	Supply & fixing 15Amps switch & socket (modular type) as per specifications complete	30	1No		0
<b>c</b>	Supply and laying 3 runs of 4 Sqmm copper wire in suitable PVC conduits (ISI make) 18mm dia including all civil works complete	40	1Rm		0
<b>27</b>	<b>WIRING FOR VOICE OUTLETS</b>				
<b>27.1</b>	Supply, laying, testing and commissioning of wiring for voice/data system with following zies PVC insualted annealed tinned electrolytic copper conductors cable in PVC conduits/ cable trunking system as required				
<b>a</b>	CAT - 3 2 pair for voice outlets	120	1Mtr		0
<b>b</b>	CAT - 3 10 pair for P & T line	20	1Mtr		0
<b>27.2</b>	Supply, installation, testing and commissioning of 75mm x 75mm GI box covered with plate type shuttered type Telephone Jack outlet - RJ 11	10	1No		0
<b>27.3</b>	Supply and fixing of 10pairs-krone connector in a MS powder coated enclosure with all associated accessories.	1	P/No		0
	<b>Total ( Excluding GST)</b>				<b>0</b>

( Rupees Only)