

**UNITED INDIA INSURANCE
COMPANY LTD
CHENNAI**

**TENDER FOR PROPOSED OFFICE ELECTRICAL
WORKS FOR THIRUVALLUR BRANCH UNITED
INDIA INSURANCE COMPANY LTD.**

PART – b – Price bid

CONSULTANTS : FOARCONS
FORUM ARCHITECTURAL CONSULTANTS
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BILL OF QUANTITY FOR PROPOSED OFFICE INTERIOR WORKS FOR THIRUVALLUR BRANCH UNITED INDIA INSURANCE COMPANY LTD.					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
ELECTRICAL WORKS					
1 MAIN DISTRIBUTION BOARD					
1.1	Supplying and Erection of 4W TPH MCB Vertical type DB with 100 A 4P MCB ,16 KA with 2nos 40 A TP MCB's, 2 nos 20 A SP MCB's, and 4 nos 32 A SP MCB's With suitable steel enclosure with fixing accessories.	1	SET		
1.2	Supplying and Erection of 4W 3PH MCB DB with 32A 4P MCB with 12 nos 10/6 A SP MCB's with suitable steel enclosure with fixing accessories. For lighting DB double door type	1	SET		
1.3	Supplying and erection of 8 way SPN MCB DB with 40 Amp 2 P MCB incoming with 6 Nos. 10 Amp. SP MCB with suitable steel enclosures with fixing accessories etc for UPS to the counters. For ups DB	1	SET		
2 POWER CABLE & TERMINATION					
2.1	Supply and laying of 35 sq.mm,3-1/2 core armad aluminum cable ,	30	RM		
2.2	Supply and laying end termination for 35 sq.mm,3-1/2 core armad aluminum cable ,	2	NOS		
3 LIGHT POINTS WIRING					
3.1	Wiring to light points using with 3 runs of 1.5 sqmm PVC insulated multistraud copper conductor wire with suitable PVC conduit pipe with fixing accessories. (Anchor make switches and orbit/ havells wires)	5	PTS.		
3.2	Fan points using with 3 runs of 1.5 sqmm PVC insulated multistraud copper conductor wire with suitable PVC conduit pipe with fixing accessories. (Anchor make switches and orbit/ havells wires)	5	PTS.		
3.3	Supplying and Laying of 2 runs of 2.5 sqmm PVC insulated multistraud copper conductor wire with 1 run 1.5 sqmm copper wire as earth wire with suitable PVC conduit pipe with necessary fixing accessories for 15amps sockets/circuit mains. (make of wires - orbit/ havells)	200	RM		
3.4	Supplying and Laying of 2 runs of 4 sqmm PVC insulated multistraud copper conductor wire with 1 run 2.5 sqmm copper wire as earth wire with suitable conduit pipe with necessary fixing accessories etc. AC wiring (make of wires - orbit/ havells)	150	RM		

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ELECTRICAL WORKS					
3.5	Supplying and Laying of 2 runs of 6 sqmm PVC insulated multistraud copper conductor wire with 1run 2.5 sqmm copper wire as earth wire with suitable conduit pipe with necessary fixing accessories etc.from UPS to UPS DB (make of wires - orbit/ havells)	15	RM		
3.6	Supplying and Laying of 4 runs of 6sqmm PVC insulated multistraud copper conductor wire with 2 runs 2.5 sqmm copper wire as earth wire with suitable conduit pipe with necessary fixing accessories etc.from lighting DB to UPS (make of wires - orbit/ havells)	10	RM		
4 POWER POINTS OUTLETS					
4.1	Supply and fixing of 20A 3 pin metal clad plug and socket with 1 no 20ASp MCB with with suitable powder coated sheet steel enclosure with fixing accessories etc (Anchor make switches)	5	NOS.		
4.2	Supply and erection of 5A 3 pin switched socket 3 in nos with suitable surface mounted box. (Anchor make switches)	12	SETS		
4.3	Supplying and Erection of 15A 3 pin switched socket with suitable surface mounted box (Anchor make switches)	8	NOS		
5 LIGHT FIXTURES					
5.1	Supplying and fixing mirror optics 2'0"x2'0" twin 36w CFLL with top & bottom thro louvers, fixture make Philips, and Wipro. Fluorescent Lamp of Crompton, Philips make. The size of the fixture as per the manufacturers standards. electronic Ballast. Unit – nos. Fittings make & model to be approved by company engineer/architect.	16	NOS.		
5.2	Supplying and Erection 2x40w mirror optics fittings to be hanging from ceiling with necessary hanging rods . Make : Philips,	2	NOS.		
5.3	Supplying and Erection 1x40w putti fittings Make : Philips,	10	NOS.		
5.4	Providing wall ceiling fans of approved make with electronic regulator	2	NOS.		
5.5	Providing wall mounted fans of approved make	8	NOS.		

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6	EARTING				
6.1	Providing main earthling with 40mm dia GI electrode of 2.5 mtr length with (charcoal,salt and sand) to be buried in a excavated pit with as per IS practice.	1	NOS.		
6.2	Supply and Laying of No.8SWG copper wire from Earth pit to UPS/switch Board	100	RM		
7	COMPUTER / LAN CABLING				
7.1	Supplying and fixing E-CAT6 cable with PVC conduit pipe from server to each computers	360	Rmt		
7.2	Supplying and fixing RJ45 I/O with surface mounting face plate	12	NOS		
7.3	Supplying and fixing RJ45 mounting cards length of 7feet	12	NOS		
7.4	Supplying and fixing RJ45 mounting cards length of 3feet	12	NOS		
ELECTRICAL WORKS TOTAL					