CLIENT

INDIAN BANK, ZONAL OFFICE, Kalyaninagar, Pune

email:zopune@indianbank.co.in

PROJECT

PROPOSED ELECTRICAL WORK of INDIAN BANK BRANCH, at MUMBAI-NAKA BRANCH, NASIK

QUOTATION

For **ELECTRICAL WORK DATA CABLING WORK** of above project.

Quotation Is:	sued to:
M/s	
Address _	
Issued on 2	9.05.2025
Last date of	submission 05.06.2025

Quotation

PROJECT: QUOTATION FOR ELECTRICAL WORKS OF INDIAN BANK'S MUMBAI - NAKA BRANCH, NASIK CITY

GENERAL CONDITIONS

- Sealed Quotation should be addressed to Zonal Office, Indian Bank, Kalyani Nagar Pune and super scribed name of work MUMBAI - NAKA BRANCH, NASIK CITY and should reach the Bank before 3 P.M. On 05.06. 2025
- 2. No quotation will be received after 3 PM on 05.06. 2025 and quotations will be opened on 05.06.2025 at 3.30 P.M. unless otherwise informed.
- 3. The quotes will remain valid for a period of 2 months from the date of opening of quotations. Bank reserves the right to accept or reject any or all the quotes without assigning any reasons to do so.
- 4. At the time of submission every contractor must be accompanied by a Demand Draft amounting to One percent of the amount quoted by Contractor in this quotation in favor of INDIAN BANK as earnest money. No interest will be paid on earnest money. Any quotation which is not accompanied by earnest money will be summarily rejected. In case of exception relevant documents should be attached, else quotation will be summarily rejected.
- 5. The quotation should quote rates in figures as well as in words.
- 6. All erasures and alterations made initials of contractors must be attested filling the quotation. Overwriting of figures is not permitted.
- 7. The earnest money deposit of unsuccessful bidder will be returned within 30 days from the date of opening of quotations.
- 8. The earnest money of the successful bidder shall be adjusted in the security deposit.
- 9. The bank reserves the right to reject any or all the quotes, accept part of any quote or entrust the entire work to any contractor or divide the work to more than one contractor (item wise) without assigning any reason or giving explanation. The rate quoted by the contractor will hold good for this bifurcation and no compensation will be paid on this account.
- 10. Joint quotes shall not be considered.
- On receipt of intimation from the bank of the acceptance of his quote, the contractor within 2 days should submit his acceptance of the work. If the successful contractor fails to undertake the work, the earnest money will be forfeited and acceptance of his quotation may be withdrawn.
- 12. The rates quoted in the quotation shall include all charges of scaffolding, lift, any tools and plants, railway, freight, labor conditions and fluctuations in the rates excise duty, sales tax, octroi and any other taxes or expenditure for carrying out the work.
- 13. The contractor will arrange his water and electricity for completing the work. In case water and electricity are already available at the site, The same will be provided by the bank and Rs will be deducted from the bill.
- 14. No escalation in rates will be allowed under any circumstances.
- 15. The successful contractor is bound to carry out entire work within the period stipulated in the appendix. The contractor will have to pay liquidated damages for non- completion of job within stipulated period at the rate of Rs 5000/- per day after expiry of period of completion subject to maximum of 10% of the contract value.

- The liquidated damages as mentioned above may not be enforced if the contractor applies for extension of time mentioning the reasons for extension. Extension of time in days will be granted by the bank if it is proved that the contractor is not at fault for extending the work beyond stipulated date of completion.
- 17. The successful contractor is bound to carry out items of work necessary for completion of job even though the same are not included in the schedule of quantity. Rates of extra items will be derived from the quotations. In case the rates do not exist in the quote and extra item is not similar to the quotation item, then the rates will be worked out on actual cost of material and labor, any other expenditure for completing that work plus 15% towards contractor's profit and overheads.
- The contractor must co-operate with other contractors appointed by the Bank so the entire work shall proceed smoothly with least possible delay and to satisfaction of the Bank.
- 19. The contractor shall remove all malba etc. Wash and clean the floors walls doors windows furniture etc. and handover the site in proper manner on the completion of work.
- 20. he contractor shall acquaint himself with the site conditions making his own arrangement for storing of material at site lift cartage etc.
- Ten percent of the value of work done shall be deducted as security deposit from running bill of the contractor, half of which i.e. 5% of the total value of work shall be retained for defects liability period (as mentioned in appendix) and shall be released after defects liability period provided no defects are noticed during the period. The security deposit includes earnest money deposited by the contractor with the quotation.
- 22. The contractor will attend to all defects noticed during defects liability period. If the contractor fails to attend the defects these defects will be rectified by the bank and the expenditure incurred on this account will be recovered from the security deposit.
- 23 The contractor shall make adequate for watch and ward of material and shall ensure the safety, breakage and any theft of material fixed or unfixed by him or other sub contractors.
- The work executed should be got approved by the bank and the contractor shall rectify any bad workmanship pointed out at any stage and remove from site all the rejected materials immediately.
- 25. The contractor shall be responsible for application of labor laws, compensation for injury and accident to person, whether employed by him or by his subcontractor.
- 26. The contractor will take necessary precautions for carrying out the work avoiding any damage to structure/decorative parts of the property. The contractor will rectify any damages done at his cost.
- The contractor shall ensure that the workmen employed by him for the execution of work are suitable covered against Workmen Compensation Act and that all liabilities arising out of Workmen's Compensation Act, ESIS and other legislative enactment applicable to such works and workmen shall be to the contractor's account
- 28. Civil, Electrical, and Sanitary works will be carried out as per Bank's standard drawings/specifications and to the entire satisfaction of the Bank.
- 29. The contractor shall inform the bank to check measurements of any work which is likely to be hidden before covering.
- 30. The contractor will submit running bills for the value of work done not less than interim payment (as mentioned in the appendix) mentioning full nomenclatures of items, rates, amount, measurement sheets, reasons for part rates claimed, if any.

- 31. In case of non completion or delay in completion of work or removal defects in time the bank shall be free to appoint another agency to get the job done at contractor's risk and cost.
- 32. For fixed as well as loose furniture, rates quoted by the contractor shall be inclusive of all taxes including sales tax, octroi, transportation etc. And no extra amount will be paid on this account.
- Income tax at the prevailing rate will be deducted at source contractor bill and will be deposited with the I.T.O as per rules.
- 34. The bank may delay the progress of work without in any way vitiating the contract and grant extension of time for the commencement/completion of contract as it may think proper and sufficient in consequence of such delay and the contractor shall not make claim compensation or damage in relation thereof.
- 35. The contractor will not execute any extra item without Bank's permission in writing.
- 36. The quantities mentioned in the schedule of quantities are approximate. Payment will be made on the actual work done by the contractor. However, the contractor should not deviate the quantity without Bank's permission.
- 37. Conditional quotations quoted by Contractor is liable to be rejected.
- 38. The Bank has a right to alter the nature of work and to add or omit any items of work or to have the option of the same carried out departmentally or otherwise and such alternations or variations shall be carried out without prejudices to the contract.
- 39. The Bank has right to terminate the contract if the Contractor abandons the work or fails to commence and complete the work in time, or fails to abide by the contract conditions.

APPENDIX

1.	Defects liability period	TWELVE MONTHS
2.	Date of Commencement	3 Days from the date of issue of letter awarding the job.
3. 4.	Date of Completion Minimum value of work done	20 Days total
4.	for interim payment	50% of quoted amount.
5.	Security deposit till completion of work.	10% (including earnest money)
6.	Security Deposit for defects liability Period	5 % of the total value of work
7.	Liquidated damages for non completion of work within stipulated time	Rs 5000/- per day subject to max. Of 10 % of total cost done.
8.	Photograph to be submitted	Minimum 4 along with each bill Showing completion status of work.
9.	Documents to be attached with bill	Manager completion certificate, Manufacture certification/bills Photographs.

	PROJECT: INDIAN BANK BRANCH AT MUMBAI NA	KA, NAS	SIK		
	CLIENT: ZONAL OFFICE, PUNE				
	SITE ADDRESS: NASIK CITY				
	RECAPITULATION				RS
С	ELECTRICAL WORK				
D	DATA CABLING AND COMPUTER POINTS WORK				
1	TOTAL				
	GST as applicable				
В	ELECTRICAL WORKS				
NO	ITEM	UNIT	qty	Rate	Amount
110	SECTION - A	01111	чч	Nacc	Amount
	<u>SECTION A</u>				
2	MAIN INCOMING PANEL (MIP)	nos	1		
	Supply, installation, testing and commissioning of	1103	'		
	wall /floor mounted indoor type, air insulated,				
	totally enclosed vermin-proof, dead front, cubicle				
	type, 2 mm thick sheet steel enclosure main				
	incoming panel (MIP) suitable for use on 415 V, 3				
	Ph., 4 wire, 50 Hz. A.C. system, instrumental				
	panel, CTs, incoming and outgoing cable				
	compartment. Each unit shall be accommodated				
	in a totally separate compartment having				
	gasketted hinged door with locking arrangement.				
	The Panel shall be complete with switches of				
	following ratings, interconnection, G.I. earth				
	busbar of adequate size covering the total length				
	of switch board with drilled holes, G.I. bolts,				
	nuts, washers, etc. The cubicle should be painted				
	with 2 (two) coats of light grey synthetic enamel				
	paint over two coats of zinc chromate primer.				
	Danger sign board in English, and Marathi.				
	The complete fabrication, construction shall be				
	done as per the detailed specification and				
	conforming to the relevant IS. Name plate of				
	Panel, Danger Board, incoming and outgoing				
	feeders with Ampere rating of switches / change				
	over switch are to be fixed up on front door above				
	or below the respective switches. Short circuit				
	I.C. of all MCBs should be of 10 KA (min.) The				
	controator shall submitt the fabrication drawing				
	for approval before fabrication.				
	The MIP consists of the following	-		1	
	INCOMING:				
	1 No. : 415V 100A 4P MCCB (25KA min.)				
	having O/L & S/C protection device.				
	1 No. : 415V 25A TPN MCB			1	
	6 Nos. : Phase indicating lamps.				
	3 Nos. : 150/5A CTS				
	2 sections of PVC sleeved TPN Tinned Copper		1	1	

	Busbar			
	a) 25mm x 6mm for phases & neutral for one			
	section &			
	b) 20mm x 5mm for phases & neutral for other			
	section.			
	G.I. EARTH BUSBAR			
	25mm x 6mm covering the total length of panel.			
	Outgoing			
	2 nos. 415V 63A TPN MCB			
	3nos. 415V 32A /40A TP MCB			
	4 nos. 240V 32A/40A SP MCB			
	6 nos. 240V 16A/20 A SP MCB			
3.5	ATM BOARD: -	nos	1	
	40/32 Amps DP MCB in MS enclosure box	1111		
3.6	UPS POWER DISTRIBUTION BOARD	nos	1	
	4 Way TPN DB consist of	11111		
	Incomer: -63 Amps DP MCB - 1 No.			
	Outgoing: -63 Amps DP MCB - 1 No.			
	TOTAL SECTION A			
	1.01%2 3201101()/			
	SECTION - B			
	POWER CABLE & TERMINATION: -			
1	Supplying, Installation, Testing & Commissioning			
	of LT Cable rated for 600 / 1100 Volts AC as per IS			
	Standard with necessary accessories and			
	termination as required.			
2	3 .5 Core X 50 Sq.mm. Aluminum armoured cable	per	15	
	from Meter Room to Main Power Panel with 2 Nos.	m		
	of 12 SWG Copper Earth Wire. including crimping			
3	4 Core x 6 sq.mm Copper armoured cable with 1 no. of 12 SWG earth wire from MPP to AC DB.	per	0	
		m	40	
4	10 Sq.mm x 2 nos Copper PVC insulated wire from	per	12	
	UPS output to UPS DB with 1 no of 6 sq.mm Copper earth wire.	m		
5	25 sq.mm x 4 nos of lead wire from meter to Main	per	5	
3	switch in Meter room.	m		
6	2x4 sq.mm +1x1.5 sq.mm thru M.S conduit from	per	5	
	main panel to glow sign Board	m		
7	3.5 Core 50 sq.mm PVC insulated Alu armoured	per	12	
	cable with 2 nos 8 SWG G.I. wire as running earth.	m m		
	TOTAL SECTION B			
	SECTION - C			
	LIGHT POINT with WIRING			
	Note: The point mention below is inclusive of			
	circuit wiring. Aa Switch boards should be			
	connected with separate circuit from main panel			

	D	ı		1	
	Point wiring with 1100 V grade 3 nos. single core				
	1.5 sq.mm. (1 for phase, 1 (black colour) for				
	common neutral by looping method and 1 (green				
	colour) for common earth by looping method) PVC				
	insulated flexible FRLS copper conductor cable				
	(IS:694) through PVC Conduits of 25mm/20mm of				
	16 guage thickness (ISI marked embossed on				
	conduit surface) complete with junction box,				
	circular box, elbows, bends, couplers and other				
	accessories on surface above false ceiling or				
	concealed by chase cutting on wall from light &				
	fan switch board to light, fan & 6A socket outlet				
	on the same switch board or separately mounted				
	switch board. The work includes supply and fixing				
	of all materials as specified make modular type				
	6A switch for each light and fan point, 6A 2/3 pin				
	shuttered socket outlet with switch, 3 plate				
	ceiling rose / angle or batten holder etc. as				
	required.				
	The point wiring also includes circuit wiring with				
	1100 V grade 2 nos. single core 2.5 sq.mm. (1 for				
	phase and 1 (Black colour) for neutral) + 1 no.				
	single core 1.5 sq.mm. (Green colour for earth)				
	PVC insulated flexible (FRLS) copper conductor				
	cable (IS:694) through suitable size PVC. conduit				
	as described above from DB to switch board,				
	interconnection, mending good all damages to				
	original finish, painting etc. as required to be				
	completed in all respect. All connections of wires				
	to be done by means of "Wago" type connectors.				
	(All wiring in strong room, locker room, records &				
	stationery room will be of surface conduit type).				
	stationery room with be of surface conduit type).				
1	Primary Light Point	nos	35		
2	Wall Bracket Fan Point with 2/3 Pin socket (to be	nos	6		
	installed at Fan height and switch)				
3	Ceiling Fan Point with supply and fixing of 2	nos	5		
	Module step regulator/dimmer (280 W min)	1103	,		
1	Exhaust Fan Point	nos	2		
4		nos	3		
5	Call Bell Point with Push Bell (Indicator Type or	nos	T		
,	Ding Dong)		0		
6	1x6A 2/3 pin shuttered socket with switch on	nos	8		
	separate switch board other than fan/light switch				
	board.				
7	1x6A 2/3 pin shuttered socket with switch on	nos	8		
	separate switch board on than fan/light switch				
	board.		_		
8	1x16A 5 pin shuttered socket with switch on	nos	8		
	separate switch board on than fan/light switch				
	board.				
9	AC POWER POINT with WIRING: -	Each	6	1	1

	A.C. power point wiring from DB with 1100 volt			
	grade 2 Nos. single core 4 sq.mm. + 1 No.			
	2.5sq.mm. (Green colour for earthing) PVC			
	insulated flexible FRLS copper conductor cable			
	through suitable size M.S. conduit (ISI marked			
	embossed on conduit surface) complete with			
	junction box, circular box, elbows, bends,			
	couplers and other accessories on surface above			
	false ceiling or concealed by chase cutting on			
	wall. The work includes supply & fixing by chase			
	cutting on wall, 'North-West' make A.C. power			
	unit having 25A 3 pin socket with matching plug,			
	20A Starter in sheet steel enclosure with 4			
	module plate, mounting box complete with			
	interconnection, mending good all damages to			
	original finish, painting etc. as required. All			
	connections of wires to be done by means of			
10	'Wago' type connectors.	NO	1	
10	Supply and fixing of 16/6A 6 pin shuttered socket	NO	1	
1	outlet with switch & indicator, mounting box and			
1	suitable size front plate on wall just opposite to			
	Switch Board of Strong Room / Locker Room and			
	supply of 1.1 KV grade 3 core 2.5 sq.mm. round			
	PVC insulated and PVC sheathed flexible copper			
	conductor cable of 1.5 meter length having one			
	(1) no. 16A 3 pin plug at one end and the other			
	end will be permanently connected to the Switch			
	Board inside the room including interconnection,			
	chase cutting, mending good all damages to			
	original finish, painting, etc. as required.			
	3,			
	TOTAL SECTION C			
	TOTAL SECTION C			
	SECTION - E			
-	LIGHT FIXTURE: -			
	Supplying, Installation, Testing & Commissioning			
	of following light fixtures complete of approved			
1	make as per specification with all fitting,			
	accessories such as Junction Box, Hardware,	1		
1				
1	Starter, Connector, Lamps, Tube etc. fittings and			
	make as mentioned below consist of electronic			
	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect			
	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link			
	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect			
	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link			
	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling/ wooden framework approved by Architect. (Before Installation Sample must be			
a	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling/ wooden framework approved by Architect. (Before Installation Sample must be shown to Architect)	Nos	14	
a	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling/ wooden framework approved by Architect. (Before Installation Sample must be shown to Architect) PHILIPS MAKE RC 3808 LED 25 6500 PS OD WH			
b	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling/ wooden framework approved by Architect. (Before Installation Sample must be shown to Architect) PHILIPS MAKE RC 3808 LED 25 6500 PS OD WH PHILIPS MAKE DN 191B LED 6S -6500 PSU WH	Nos	8	
b c	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling/ wooden framework approved by Architect. (Before Installation Sample must be shown to Architect) PHILIPS MAKE RC 3808 LED 25 6500 PS OD WH PHILIPS MAKE DN 191B LED 6S -6500 PSU WH PHILIPS MAKE TUBE LGHT	Nos Nos	8	
b	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling/ wooden framework approved by Architect. (Before Installation Sample must be shown to Architect) PHILIPS MAKE RC 3808 LED 25 6500 PS OD WH PHILIPS MAKE DN 191B LED 6S -6500 PSU WH PHILIPS MAKE TUBE LGHT CROMPTON CEILING FAN 1200MM dia, white colour	Nos	8	
b c 6	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling/ wooden framework approved by Architect. (Before Installation Sample must be shown to Architect) PHILIPS MAKE RC 3808 LED 25 6500 PS OD WH PHILIPS MAKE DN 191B LED 6S -6500 PSU WH PHILIPS MAKE TUBE LGHT CROMPTON CEILING FAN 1200MM dia, white colour with all accessories.	Nos Nos no	8 10 7	
b c	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling/ wooden framework approved by Architect. (Before Installation Sample must be shown to Architect) PHILIPS MAKE RC 3808 LED 25 6500 PS OD WH PHILIPS MAKE DN 191B LED 6S -6500 PSU WH PHILIPS MAKE TUBE LGHT CROMPTON CEILING FAN 1200MM dia, white colour with all accessories. 300mm Exhaust fan with all accessories with	Nos Nos	8	
b c 6	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling/ wooden framework approved by Architect. (Before Installation Sample must be shown to Architect) PHILIPS MAKE RC 3808 LED 25 6500 PS OD WH PHILIPS MAKE DN 191B LED 6S -6500 PSU WH PHILIPS MAKE TUBE LGHT CROMPTON CEILING FAN 1200MM dia, white colour with all accessories. 300mm Exhaust fan with all accessories with mounting ring and lourve Complete(white colour	Nos Nos no	8 10 7	
b c 6	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling/ wooden framework approved by Architect. (Before Installation Sample must be shown to Architect) PHILIPS MAKE RC 3808 LED 25 6500 PS OD WH PHILIPS MAKE DN 191B LED 6S -6500 PSU WH PHILIPS MAKE TUBE LGHT CROMPTON CEILING FAN 1200MM dia, white colour with all accessories. 300mm Exhaust fan with all accessories with mounting ring and lourve Complete(white colour only) GEC make.	Nos Nos no	8 10 7	
b c 6	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling/ wooden framework approved by Architect. (Before Installation Sample must be shown to Architect) PHILIPS MAKE RC 3808 LED 25 6500 PS OD WH PHILIPS MAKE DN 191B LED 65 -6500 PSU WH PHILIPS MAKE TUBE LGHT CROMPTON CEILING FAN 1200MM dia, white colour with all accessories. 300mm Exhaust fan with all accessories with mounting ring and lourve Complete(white colour only) GEC make. 400mmdia wll bracket fan with all accessories (Nos Nos no	8 10 7	
b c 6 7	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling/ wooden framework approved by Architect. (Before Installation Sample must be shown to Architect) PHILIPS MAKE RC 3808 LED 25 6500 PS OD WH PHILIPS MAKE DN 191B LED 65 -6500 PSU WH PHILIPS MAKE TUBE LGHT CROMPTON CEILING FAN 1200MM dia, white colour with all accessories. 300mm Exhaust fan with all accessories with mounting ring and lourve Complete(white colour only) GEC make. 400mmdia wll bracket fan with all accessories (White Colour Only)	Nos Nos no	8 10 7 3	
b c 6	make as mentioned below consist of electronic ballast & color 84 PL tube with direct & indirect lighting, all fitting, accessories such as Chain Link Support on Ceiling/ wooden framework approved by Architect. (Before Installation Sample must be shown to Architect) PHILIPS MAKE RC 3808 LED 25 6500 PS OD WH PHILIPS MAKE DN 191B LED 65 -6500 PSU WH PHILIPS MAKE TUBE LGHT CROMPTON CEILING FAN 1200MM dia, white colour with all accessories. 300mm Exhaust fan with all accessories with mounting ring and lourve Complete(white colour only) GEC make. 400mmdia wll bracket fan with all accessories (Nos Nos no	8 10 7	

	single phase A.C. supply including			
	interconnection, etc. as required.			
	TOTAL OF SECTION -E			
	SECTION - F			
	TELEPHONE CABLING: -			
1	S/I/T/Commissioning of 20 pair telephone	per	15	
'	unarmoured cable from service point to Krone Box	m	13	
	INCLUDING CONDUIT/CASING CAPPING (Make -	'''		
	Finolex / Delton / Polycab)			
2	TELEPHONE JUNCTION BOX			
			4	
	Supply and fixing of 25 pair telephone junction	per	1	
	box "Krone" make on wall /furniture/partiion	nos		
	with hinged cover and screwed type tag strips			
	complete with chase cutting, mending good,			
	painting etc. as required. Inc (Make - Krone type			
_	Delton / ITL)		100	
3	TELEPHONE WIRING	per	100	
		m		
	Supplying and laying of 2 paid 0.50 mm dia			
	Telephone cable through pre - laid rigid PVC			
	conduit as shown in the drawing or otherwise as			
	directed by the consultant from Telephone			
	Junction box to Telephone socket outlet including			
	interconnection, mending good, etc, as required			
	to be completed in all respect. including conduit			
4	TELEPHONE SOCKET	per	10	
		nos		
	Supply and fixing on wall / furniture / partition			
	recessed type Legrand/North - West/Novar make			
	Telephone socket outlet (RJ 11) with mounting			
	box & front plate as shown in the drawing			
	complete with chase cutting, mending good etc.			
	as required.			
	TOTAL OF SECTION - F			
	101/12 01 52011011			
	SECTION - G			
	MISCELLANEOUS WORK: -			
3.5.	Earthing the installation as per I.E. rules			
1	conforming to IS:3043-1987 or its latest			
	amendment by making earth station with 600mm			
	x 600mm x 6mm (minimum) thick copper plate			
	electrode to be installed such that its top edge			
	shall be at a minimum depth of 3.0 metre below			
	ground level after preparation of ground with			
	charcoal and salt and connecting the 25mm x			
	6mm copper earth lead-in-strip (upto 10 metre			
	length) by bolting and then brazing to the copper			
	plate complete with copper bolts of suitable			
	length double nuts and washers including supply			
	and fixing of 50mm dia. partly perforated G.I.			
	pipe with funnel for watering arrangement. The			
	copper earth lead-in-strip shall be PVC sleeved /			
	insulated throughout the total length and the			
	underground portion to be laid through suitable			
	size heavy duty rigid PVC conduit (ISI mark			
	embossed on conduit surface) at an average depth			
	of 500mm below ground level.			
	·			

1	The earthing installation should be provided with	Each	2	
	300mm x 300mm and 300mm depth inside			
	dimension masonry inspection pit with C.I. hinged			
	cover having locking arrangement and restoring			
	the surfaces duly rammed			
3.5.	Earth lead-in-strip exceeding 10 metre length as	Mtr.	15	
2	mentioned in item no. 3.5.1. with supply and			
	fixing of 25mm x 6mm copper strip having PVC			
	sleeved / insulated to be fixed on wall surface			
	with tinned copper bar saddles / clamps at an			
	interval of 300mm etc. as required to be			
	completed in all respect. Minimum clerance			
	between wall surface and copper earth lead-in-			
	strip should be 6mm.			
	TOTAL OF SECTION - G			
	SUMMARY			
	TOTAL SECTION A	-		
	TOTAL SECTION B	 		
	TOTAL SECTION C			
	TOTAL SECTION E			
	TOTAL SECTION F			
	TOTAL SECTION G			
В	ELECTRICAL GRAND TOTAL			
	DATA CABLING AND COMPUTER POINTS			
		Set	12	
	COMPUTER SOCKET POINT: - (thru UPS supply	Set	12	
	COMPUTER SOCKET POINT: - (thru UPS supply only)	Set	12	
	COMPUTER SOCKET POINT: - (thru UPS supply only) Computer socket outlet cluster point wiring with	Set	12	
	COMPUTER SOCKET POINT: - (thru UPS supply only) Computer socket outlet cluster point wiring with 1100 V grade 3 nos. single core (1 for earth, green	Set	12	
	COMPUTER SOCKET POINT: - (thru UPS supply only) Computer socket outlet cluster point wiring with 1100 V grade 3 nos. single core (1 for earth, green colour) 1.5 sq.mm. PVC insulated flexible FRLS	Set	12	
	COMPUTER SOCKET POINT: - (thru UPS supply only) Computer socket outlet cluster point wiring with 1100 V grade 3 nos. single core (1 for earth, green colour) 1.5 sq.mm. PVC insulated flexible FRLS copper conductor cable conforming to IS: 694	Set	12	
	COMPUTER SOCKET POINT: - (thru UPS supply only) Computer socket outlet cluster point wiring with 1100 V grade 3 nos. single core (1 for earth, green colour) 1.5 sq.mm. PVC insulated flexible FRLS copper conductor cable conforming to IS: 694 through suitable size rigid PVC.conduit (ISI mark	Set	12	
	COMPUTER SOCKET POINT: - (thru UPS supply only) Computer socket outlet cluster point wiring with 1100 V grade 3 nos. single core (1 for earth, green colour) 1.5 sq.mm. PVC insulated flexible FRLS copper conductor cable conforming to IS: 694	Set	12	
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	COMPUTER SOCKET POINT: - (thru UPS supply only) Computer socket outlet cluster point wiring with 1100 V grade 3 nos. single core (1 for earth, green colour) 1.5 sq.mm. PVC insulated flexible FRLS copper conductor cable conforming to IS: 694 through suitable size rigid PVC.conduit (ISI mark embossed on conduit surface) and conduit accessories partly through concealed in wall, embedded in floor, partly on surface above false	Set	12	
	COMPUTER SOCKET POINT: - (thru UPS supply only) Computer socket outlet cluster point wiring with 1100 V grade 3 nos. single core (1 for earth, green colour) 1.5 sq.mm. PVC insulated flexible FRLS copper conductor cable conforming to IS: 694 through suitable size rigid PVC.conduit (ISI mark embossed on conduit surface) and conduit accessories partly through concealed in wall, embedded in floor, partly on surface above false ceiling and partly through partition or through	Set	12	
	COMPUTER SOCKET POINT: - (thru UPS supply only) Computer socket outlet cluster point wiring with 1100 V grade 3 nos. single core (1 for earth, green colour) 1.5 sq.mm. PVC insulated flexible FRLS copper conductor cable conforming to IS: 694 through suitable size rigid PVC.conduit (ISI mark embossed on conduit surface) and conduit accessories partly through concealed in wall, embedded in floor, partly on surface above false ceiling and partly through partition or through flexible conduit from CDB to computer socket	Set	12	
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	COMPUTER SOCKET POINT: - (thru UPS supply only) Computer socket outlet cluster point wiring with 1100 V grade 3 nos. single core (1 for earth, green colour) 1.5 sq.mm. PVC insulated flexible FRLS copper conductor cable conforming to IS: 694 through suitable size rigid PVC.conduit (ISI mark embossed on conduit surface) and conduit accessories partly through concealed in wall, embedded in floor, partly on surface above false ceiling and partly through partition or through flexible conduit from CDB to computer socket outlet cluster as detailed below and upto connection of 2 nos. socket clusters in 1 (one) circuit connecting by looping method. The work includes supply and fixing of socket outlet clusters	Set	12	
	COMPUTER SOCKET POINT: - (thru UPS supply only) Computer socket outlet cluster point wiring with 1100 V grade 3 nos. single core (1 for earth, green colour) 1.5 sq.mm. PVC insulated flexible FRLS copper conductor cable conforming to IS: 694 through suitable size rigid PVC.conduit (ISI mark embossed on conduit surface) and conduit accessories partly through concealed in wall, embedded in floor, partly on surface above false ceiling and partly through partition or through flexible conduit from CDB to computer socket outlet cluster as detailed below and upto connection of 2 nos. socket clusters in 1 (one) circuit connecting by looping method. The work includes supply and fixing of socket outlet clusters components (Legrand/North - west/Novar make)	Set	12	
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	1 no. Mounting box of suitable size			
	Note:- All power supply is thru UPS DB. The			
	Control switch is to be located in another board			
	above table. The supply socket is located on			
	another board below table.			
2.2	UPS Power Distribution Board		1	
3.3		nos	1	
	4 Way TPN DB consist of			
	Incomer: -63 Amps DP MCB - 1 No.			
	Outgoing: - 10/16 Amps SP MCB - 14 Nos.			
2.4	LIDC INDUT / OUTDUT association		4	
3.4	UPS INPUT/ OUTPUT consist of	nos	4	
	63 Amps/40 Amps DP MCB in MS enclosure box			
	SECTION - G			
	MISCELLANEOUS WORK: -			
	COMPUTER POINTS			
	COMPUTER POINTS			
1	DATA CABLING (including conduit casing capping)			
2	SUPPLY & INSTALLATION OF CAT 6 UTP CABLE	nor	450	
Z	SUPPLY & INSTALLATION OF CAT 6 OTP CABLE	per m	450	
3	CAT 6 INFORMATION OUTLET WITH FACE PLATE	per	12	
	671 6 IN 6100E TIEST 60 1221 WITH 1762 123112	no		
4	24 PORT CAT 6 JACK PANNEL (EXISTING)	per	1	
		no		
5	3 FT. PATCH CORD CAT 6	per	12	
		no	10	
6	7 FT. PATCH CORD CAT 6	per	12	
7	24 PORT 10/100 FAST ETHERNET SWITCH	no	1	
'	24 FORT TO/TOU FAST ETHERNET SWITCH	per no	'	
8	12 U WALL MOUNTING 19" STANDARD	per	1	
-	NETWORKING RACK	no		
		_		
В	DATA CABLING COST			
	TOTAL DATA +COMPUTER POINTS			
	FINAL AMOUNT (ELECTRICAL & DATA CABILING			
	WORK)			

Note:- The material supplied / installed by the Quotation should adhere Bureau of Energy Efficiency (BEE) standards. Some of the appliances and its minimum threshold BEE star rating are

Sl no	Appliance	Threshold star rating
1	Split Air Conditioner	5 Star
2	Window Air Conditioner	5 Star
3	Room Air Conditioner (Cassette, Floor	5 Star
	Standing)	

4	Light Commercial Air Conditioner	4 Star
5	Frost Free Refrigerator	4 Star
6	Direct Cool Refrigerator	4 Star
7	Storage Type Electric Water Heater	5 Star
8	LED Lamps	5 Star
9	Ceiling Fans	5 Star
10	Distribution Transformer / Board	3 Star

Any other items / appliances approved by BEE are also available at www.beestarlabel.com. All the materials should have BIS standard norms.