



Begusarai Divisional Office, Vishnu Cinema Campus, DeepShikha Road Vishwanath Nagar Begusarai Pin-851101

Tender for Annual Rate Contract (ARC) of Electrical work for Repair, maintenance and additions/ alterations (supply, Installation, Testing & Commissioning) of Electrical specified work for LIC buildings/ properties Own /rented /leased under Divisional Office Begusarai for the Financial Year from 2025-2026, 2026-2027 & 2027-2028

LIC OF INDIA

BEGUSARAI DIVISIONAL OFFICE

“DEEPSHIKHA ROAD, VISHWANATH NAGAR, BEGUSARAI

PHONE NO. 06243 – 245263, e-mail Id - os.begusarai@licindia.com

TENDER FEE: Rs.590/- (including GST)

EARNEST MONEY DEPOSIT: 11000/- (REFUNDABLE)

LAST DATE & TIME OF SUBMISSION OF TENDER:

FROM 10.03.2025 to 31.03.2025 BY 03.00 PM

DATE & TIME OF OPENING OF TECHNICAL BID: 31.03.2025 AT 03.30 PM

TENDER for ARC

**ELECTRICAL &
MAINTENANCE WORK**

Index along with work station in details

- Tender Documents for Providing **ARC services for ELECTRICAL Work** on Contractual Basis for Divisional Office, Branch/Satellite Offices & offices under Begusarai Division
- Total offices of our Divisional Office, Begusarai are as mentioned below:-
- **10 Branch Offices-**
Begusarai, Khagaria, Saharsa, Supaul, Madhepura, Barh, Jamui, Lakhisarai, Samastipur & Dalsingarai
- **17 Satellite Offices-**
Barauni (Begusarai), Manjhaul (Begusarai), Ballia (Begusarai), Naugachia (Khagaria), Simri Bakhtiyarpur (Saharsa), Triveniganj (Supaul), Birpur (Supaul), Bihariganj (Madhepura), Mokama (Barh), Sheikhpura (Lakhisarai), Barahiya (Lakhisarai), Surajgarha (Lakhisarai), Jhajha (Jamui), CLIA, Mohanpur (Samastipur), Tajpur (Samastipur), Rosera (Samastipur) & Shahpur Patori (Dalsingarai)
- Any other working Offices-**, RMF Centre Begusarai, Guest House at Begusarai,
- Each Page of the Tender Document must be Signed, Numbered & Stamped by the Bidder/Tenderer before submission of tender.

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PART-A - NOTICE INVITING

Life Insurance Corporation Of India, Divisional Office, Begusarai (hereinafter referred to as “The Corporation”) invites Sealed Tenders amongst our empanelled vendor who are providing ARC services for ELECTRICAL Work in offices in any organization/ Government/Public Sector undertaking/Private organizations of reputed etc for Begusarai Divisional Office, its Branch Offices / Satellite Offices and Guest Houses situated at different locations of Bihar under Begusarai Division.

Individuals/Reputed licensed organizations /agencies who are empanelled with us only can apply. Schedule for the tender process is as given below.

Tender Fee inclusive of GST @18% (non-refundable)	Rs.590/- (Rupees Five hundred ninety only)
Earnest Money Deposit	Rs. 11000/- Eleven Thousand only (refundable)
Date, Time and Place for submission of Tender Documents	Time:- 10.00 AM TO 5.30 PM ON WORKING DAYS Date - From 10.03.2025 to 31.03.2025 (3.00 PM) Place – As mentioned below
Time, Date and Place of Opening of Tender (Technical Bid) Document	Date – 31.03.2025 Time –3.30 PM Place – As mentioned below
Validity of tender	90 days from opening of tender

1. Tender Fee is to be deposited in the form of Demand Draft /Pay Order drawn in favour of “LIC OF INDIA” payable at Begusarai with tender in separate envelopes super-scribed” **TENDER FEE FOR “ ARC services for ELECTRICAL Work ”** to be put in sealed cover-1 containing the technical bid.
2. Tender document is to be downloaded from Corporation’s website from the link: www.licindia.in/Tenders or can be received directly from OS department in working hour during tender period.
3. **Place (for submission of Tender/opening of Bid):**
MANAGER (E&OS)

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LIC of India, Divisional Office, “Deepshikha Road,vishwanath nagar,Begusarai-851101
E-mail-os.begusarai@licindia.com, Tel. No- 06243-245263



LIC OF INDIA,

DIVISIONAL OFFICE Begusarai,

Deepshikha Road,Vishwanath Nagar,Begusarai Phone Number-06243-245263

4. The downloaded tender form must be complete in all respects and dropped in the tender box placed at the above mentioned address strictly within the dates and time mentioned as above along with all necessary tender documents and one Demand Drafts / Pay Orders of Rs.590/- (Rupees Five hundred ninety only) drawn in favour of "LIC OF INDIA" payable at Begusarai towards the Tender Document fee as mentioned earlier.
5. The tenders received after the last date and time of submission as mentioned above shall be rejected without giving any reminder and reason there off.
6. All the pages and all Annexure are part of this tender and shall be duly signed by authorized representative of the Bidder.
7. LIC of India reserves the right to cancel part or whole of this tender without giving any prior notice to bidder at any time.
8. LIC of India reserves the right to call or may not call for missing / additional requirement / clarifications or otherwise from the Bidder at the time of analysis of the tenders received in response to this notice.
9. LIC of India does not bind itself to accept the lowest or any tender and reserves the right to reject all or any bid or cancel the tender without assigning any reason whatsoever.
10. Decision of the Corporation will be final, conclusive and binding on the Bidder/Tenderer and the Corporation takes no responsibility for any delay whatsoever for submission of tender after the last date and time given in the schedule.
11. Canvassing or misleading in any way from tenderer will be rejected or cancelled the candidature of the tenderer.
12. Any future clarification and/or corrigendum(s) shall be communicated through displaying at notice board available at Divisional office Begusarai or through LIC email or LIC website www.licindia.in/Tenders as and when necessary felt by corporation.

Divisional Manager (I/C)

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LIC of India, Divisional Office, "Deepshikha Road,vishwanath nagar,Begusarai-851101

E-mail-os.begusarai@licindia.com, Tel. No- 06243-245263

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LETTER TO CONTRACTOR FROM DIVISIONAL MANAGER (I/C)

M/s All empanelled vendors, Begusarai DO

Empanelled for ELECTRICAL work at LIC of India, under Divisional office Begusarai

Dear Sir/s,

Tender for Annual Rate Contract (ARC) of Electrical work for Repair, maintenance and additions/ alterations for Builder SITC (supply, Installation, Testing & Commissioning) of Electrical specified work for LIC buildings/ properties Own /rented /leased under Divisional Office Begusarai for the Financial Year from 2025-2026, 2026-2027, 2027-2028.

We forward herewith one copy of the tender marked "ORIGINAL" and duly filled in should be submitted to **The Divisional Manager (I/C), Life Insurance Corporation of India, Deepshikha Road, Vishwanath Nagar, Begusarai Bihar- 851101**. In the sealed envelope supplied with the tender papers, so as to reach on or before **1500 hours on 31.03.2025**. The second copy of tender marked "DUPLICATE" is for your record. Sealed tenders in the self addressed envelope provided for the purpose will be received at the office of **The Divisional Manager (I/C)** at above address **on or before 1500 hours on 31.03.2025** and the tenders will be opened on **31.03.2025** at **15.30 hours** in the presence of contractors or accredited representatives, who attend. Tenderer should ensure that their tender is received before the date and time specified as no consideration whatsoever shall be given for postal or any kind of delays. Tenders received late shall be rejected.

If tender is delivered by hand, tenderer must ensure that the date and time of receipt is endorsed on the tender envelope by the A.A.O /A.O. or any other Officer of the Department approved by the Store Committee and thereafter the tender is deposited in the tender box by the tenderer or his representative.

- 1) The Life Insurance Corporation of India does not bind itself to accept the lowest or any tender.

Yours faithfully,

SR. DIVISIONAL MANAGER

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LIC of India, Divisional Office, "Deepshikha Road, Vishwanath Nagar, Begusarai-851101

E-mail-os.begusarai@licindia.com, Tel. No- 06243-245263



INSTRUCTIONS WITH REGARDS TO SUBMISSION OF TENDERS

NOTE: Tenderers should note that non-compliance of the following instructions will render the tender liable for rejection.

1. Address to which the tender marked “**Original**” is to be submitted :

To
**The Manager (OS) ,
Life Insurance Corporation of India,
Divisional Office,
BEGUSARAI 851101.**

2. The tender will be issued from the Office of the undersigned **from 10.03.2025 to 31.03.2025 (Till 1.00 PM)** and the last date for receipt of tenders is **31.03.2025 up to 03.00 pm.**

3. Tenderer should ensure that the tender is received before the date and time specified above.

4. Tenderer should fill in all the relevant blanks and put his signature on the relevant places as indicated below :

- a. Letter from Contractor to Sr Divisional Manager
- b. Appendix to the “Conditions of Contract”
- c. Appendix to the “General Instructions to the Contractors”

5. The Amount should be filled as follows :

- a. The “Amount” to be legibly filled in ink in both FIGURES AND WORDS.
- b. All corrections to be initialed.
- c. Each page of is to be signed, numbered & stamped by the Contractor.

6. No alterations or additions are to be made by the tenderer to the text of these tender papers. Any tender which proposes any alterations to any of the condition/s laid down or which proposes any other conditions of any description whatsoever is liable to be rejected.

7. The tenderer is required to check the numbers of the pages and should any be found missing or in duplicate, or the figure or writing indistinct, he must inform the Sr Divisional Manager / Issuing Officer at once and have the same rectified. Should the tenderer be in

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- doubt about the precise meaning of any matter or figure, for any reason whatsoever, he must inform Sr Divisional Manager in order that the correct meaning may be decided upon before the date for the submission of the tender.
8. No liability whatsoever will be admitted nor claim allowed in respect of errors in the submitted tender due to missing / duplicate pages, indistinct writing or any other error in the tender documents which should have been rectified in the manner described above.
 9. Earnest Money amounting to **Rs.11000.00 (Rs. Eleven Thousand only)** should accompanying the tender will be accepted only in the form of “**CROSSED DEMAND DRAFT**” of any of the Nationalized Banks / Approved Scheduled Banks drawn in favour of the “**LIFE INSURANCE CORPORATION OF INDIA**” payable at **BEGUSARAI** only, and not in favour of any other Authority or location.
 10. Contractors are warned that cash, Cheque, bank or Insurance guarantee or fixed deposit in lieu of Earnest Money deposit remittance will not be accepted.
 11. All copy of this tender should be signed, numbered and stamped by the vendor And should be submitted in a sealed envelope
 12. The amount mentioned in the tender copy marked `ORIGINAL` will be taken as bonafide. When the amount in figures and words are at variance. In all cases amount in words will be taken in precedence over the amount in figures.
 13. Tenders containing errors are liable to be considered non-bonafide at the discretion of the Sr Divisional Manager.
 14. Tenderer should note that tender should remain open for consideration for a minimum period of **03 (Three) Months** from the date fixed for the receipt of tenders.

15. The Life Insurance Corporation of India reserves the right to accept any tender either full or partial, and to reject any or all tenders without assigning reasons thereof.
16. Using of correction fluid and overwriting are not allowed. Using of correction fluid and overwriting in the tender will be considered as non-bonafide.
17. Contractors are requested to visit the site before quoting.
18. The quoted amount shall include cleaning the site subject to full satisfaction of the Divisional Manager (I/C).
19. The quoted amount deemed to be expense of the contractor i.e. cost of labour, tools and plants equipments, cost of all leads and lifts, transportation, all taxes, duties, octroi, royalty, clearance of local authorities. etc., if these are not mentioned in items but excluding GST..
20. Any precious material or antique found out from site shall be properties of Life Insurance Corporation of India
21. Listed / serviceable materials should be shifted from the site as directed by the office and debris's to be removed to Contractors own yard immediately.
22. Contractors should avoid inconvenience to the neighbors. And no complaint will be entertained in any form by LIC
23. Necessary Insurance should be taken by the Contractor as follows:
 - a. Workmen's Compensation Policy – not less than the number of labour license to be taken or maximum number of labours engaged at site whichever is more.
 - b. Third Party Liability Policy Insurance shall have a minimum value of 7.5 % of accepted tender amount.



24. Necessary Labour License should be taken by the contractor as per the Contract Labour (Regulation & Abolition Act), 1970 and rules there under and furnish all the necessary documents regarding registration and license to the undersigned.
25. Contractor should abide all necessary Local authorities' terms & conditions.
26. Validity of ARC: Three year from Acceptance of Tender from tender.
27. Each Page of the Tender Document must be Signed, Numbered & Stamped by the Bidder / Tenderer before submission of tender

Divisional Manager (I/C)



APPENDIX TO CONDITIONS OF CONTRACT

SUB: TENDER FOR ANNUAL RATE CONTRACT FOR ELECTRICAL AND SANITARY WORKS THE PROPERTIES UNDER DO BEGUSARAI.

1.	Sealed Tenders are to be accompanied by Earnest Money of Rs.11,000/- (Rupees Eleven Thousand only) through DD in favour of "LIFE INSURANCE CORPORATION OF INDIA" payable at BEGUSARAI or by cash to be deposited with our cash section during Cash hours and the M.R. is to be attached with the tender. Tenders without requisite EMD will be rejected.		
2.	Duration of Contract	:	Three year from the date of acceptance of the tender.
3.	Period of honouring Bill	:	21 days from date of submission of bill based on joint measurements.
4.	Defects Liability Period	:	Six months from the date of expiry of Annual Contract.
5.	Last date of submission of tender	:	As per Key date as mentioned.
6.	Date of opening of tender	:	As per Key date as mentioned.
7.	Standing Security Deposit	:	Total Security Deposit is Rs 20,000/- (Rupees Twenty Thousand) only . The EMD will be converted to Security Deposit and the balance amount is to be deposited by the successful tender. S.D. will be refunded after successful completion of contract plus defect liability period of six months.

Divisional Manager (I/C)

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LIC of India, Divisional Office, "Deepshikha Road, vishwanath nagar, Begusarai-851101

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TECHNICAL SPECIFICATION

1. All electrical works shall be carried out in accordance with the provisions of Indian Electricity Act, 1910 & Indian Electricity Rules, 1956 amended up to date.
2. All electrical works must be attended through a **licensed electrician/wireman** having valid license/permit issued by the Licensing Board, Govt. of Bihar. If due to violation of local Regulations by the Contractor, LIC has to incur any expenses (e.g. to meet any claims etc.) the same will be deducted from the Contractor's bill.
3. Good workmanship is an essential requirement to be complied with. The entire work of manufacture/fabrication, assembly & installation shall conform to sound engineering practice.
4. Only quality materials of approved make as specified in the tender will be used in work.
5. The equipment and work shall conform to General specifications for Electrical Works for CPWD (Part I) as amended up to date and following the respective I.S. codes for various electrical works & installations.
6. The Earth enhancement materials for chemical earthing may contain conductive cement, graphite, hydrous aluminium silicate, sodium montmorillonite and shall not contain bentonite.

DIVISIONAL MANAGER (I/C)



LETTER TO SR. DIVISIONAL MANAGER FROM CONTRACTOR

Date:

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To,

The Sr. Divisional Manager

Life Insurance Corporation of India

Divisional Office, Begusarai

Deepshikha Road, Vishwanath Nagar

Begusarai, Bihar-851101

Dear Sir,

Tender for Annual Rate Contract (ARC) of Electrical work for Repair, maintenance and additions/ alterations for Builder SITC (supply, Installation, Testing & Commissioning) of Electrical specified work for LIC buildings/ properties Own /rented /leased under Divisional Office Begusarai for the Financial Year from 2025-2026, 2026-2027, 2027-2028

Having examined in details, the tender documents relating to the above works and having visited and inspected the site of the proposed works and having acquired the requisite information relating thereto as affecting the tender invited by you on behalf of the Life Insurance Corporation of India, I/We, the undersigned hereby offer to execute and maintain the proposed works on **Percentage rate basis** for above work or such other sums as may be ascertained in accordance with the said conditions

I/We, undertake to complete the whole of works within the stipulated time as specified in Appendix to the conditions of contract from the date of issue of an intimation from you that the tender has been accepted and upon receiving possession of the site, I/We, shall be under the obligation to pay the sum as stated in the Appendix to the Conditions of contract for the period the works shall remain incomplete, for damages as compensations subject to the conditions of contract relating to an extension of time.

(SIGNATURE OF THE CONTRACTOR WITH SEAL)

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LIC of India, Divisional Office, "Deepshikha Road, Vishwanath Nagar, Begusarai-851101

E-mail-os.begusarai@licindia.com, Tel. No- 06243-245263



TENDER CONDITION OF NEFT FOR PAYMENT

Contractors are requested to furnish below mentioned particulars so that we can refund / release their payments through NEFT / RTGS. This has to be treated as part of the Tender condition.

Sl. No.	Description	Remarks
1.	Name of the beneficiary (vendor name) as in bank records.	:
2.	Beneficiary's Account Number	:
3.	Account type (Savings Account, Current Account, etc.)	:
4.	Beneficiary's Bank - Branch	:
5.	Bank's MICR code	:
6.	Beneficiary's Bank IFSC Code	:
7.	Beneficiary's contact number	:
8.	Beneficiary's e-mail ID, if any	:
9.	PAN NO.	:
10.	GST NO.	:
		:

- N.B. i) No payment will be made by Cash/Cheque. Payment will be made only through ECS.
ii) All new Contractors as well as existing contractors have to submit the Bank details with every tender.
iii) GST NO. OF LIC OF INDIA, BIHAR IS 10AAACL0582H2Z0
iv) attach one cancelled cheque leaf along with the name of contractor on leaf.
V) attach address proof as Aadhar card/ DL/Passport or any other document valid by CG/SG/TO duly signed by contractor/proprietor

Signature of the Contractor
With date & seal



GENERAL TERMS AND CONDITIONS OF CONTRACT

1. This rate contract is meant for undertaking (i) Repairing works, (ii) Renovation works, (iii) Addition and alteration work etc in our buildings at Patna under ECZO and each job will be executed under specific work order for any item/ items of work (mentioned in the attached schedule) irrespective of its/ their quantity.
2. The Contractors are to quote on percentage rate basis i.e. plus / minus / at par in the attached schedule of rates in words and figures, otherwise tender will not be entertained. Work shall be awarded to the lowest tenderer. In case of lowest tenderer is not available / contractor fails to attend job / for any reasons then work may be offered on lowest rates of the other contractor i.e. L – 2, L – 3, L – 4 -----, since day to day maintenance works may awarded to other agencies due to office exigencies. Contractor willing to work on lowest rates will have to give their consent after approval of the lowest rates.
3. All quantities unless otherwise specified will be measured net finish and are to include for all cutting and wastage.
4. LIC reserves the right to reject any or all the tenders without assigning any reasons and will not be bound to accept neither the lowest tender nor any of the tenders. LIC reserves also the right to delete any item/ items of the tender thereof.
5. The contractor should visit the site before quoting & quoted rate to include charges for materials, labour, transportation, scaffolding/ladders, required tools & plants, testing & commissioning of electrical installations etc. and all kind of taxes but excluding GST that are payable, making good the damages to match with existing finish, removal of all debris from site. All rates should hold good irrespective of floors and heights. Works and measurements will be followed as per ISI Codes.
6. The Contractor shall be responsible for any damages caused/ done due to accident during the progress of work. In every case in which by virtue of the provisions of section 52, Sub-section (1) of the Workmen's Compensation Act, 1925, LIC is obliged to pay compensation to a workman employed by the Contractor in execution of the works, LIC will recover from the Contractor the amount of the compensation so paid, and without prejudice to the rights of LIC under Section 12, sub-section (2) of the said Act, LIC shall be at liberty to recover such amount or any part thereof by deducting it from the Security Deposit or from any sum due by the LIC to the Contractor whether under this Contract or otherwise.

7. Necessary insurance coverage for the contract period to be taken by the contractor for their workmen as per workmen compensation act, & third party liability where ever required.
8. No any payment will be given for specified items already mentioned in tender scheduled rates. But which is not mentioned in tender may be given to contractor as per market rate available at the time of execution of work.
- 9.1 The Contractor shall be responsible for all injury to persons, animals or things, and for all damage to structural and/or decorative part of property which may arise from the operations or neglect of himself or of any Sub-contractor or any of his Sub-Contractor's employees, whether such injury or damage arise from carelessness, accident or any other cause whatsoever in any way connected with the carrying out of his Contract. This Clause shall be held to include inter-alia, any damage to Building, whether immediately adjacent or otherwise and any damage to roads, streets, footpaths, bridges, or ways as well as all damage caused to the building, and the works forming the subject of this Contract by frost, rain, wind or other inclemency of the weather. The Contractor shall fully indemnify the Employer and hold him harmless in respect of all and any expenses arising from any such injury or damage to persons or property as aforesaid and also in respect of all and any claim made in respect of injury or damage under any acts of Government or otherwise and also in respect of any award or compensation or damages consequent upon such claim.
- 9.2 The Contractor shall fully indemnify the employer against any loss, damage or deterioration for whatever reason, of all materials brought at site and especially material supplied by or paid for partly or wholly by the employer.
- 9.3 The Contractor shall reinstate all damage and loss of every sort mentioned in this Clause so as to deliver up the whole of the Contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damage to the property of the third parties.
- 9.4 The Contractor shall fully indemnify the Employer against all claims which may be made against the Employer by any member of the Public or other third party in respect of anything which may arise in respect of the works or in consequence thereof.



- 9.5 The contractor shall at his own expense arrange to effect from the date of commencement & maintain till the date of virtual completion of contract, with any licensed general insurance company, a POLICY OF INSURANCE (Contractor's All Risk Policy) to cover all such risks detailed above viz. loss, damage & third party liability etc. The policy shall be of an amount as mentioned in above in clause 9 and in the joint names of the LIC & contractor and shall be deposited with the employer and renewed as required from time to time during the currency of the contract.
- 9.6 The Contractor shall also fully indemnify the Employer against all claims which may be made upon the Employer, whether under the WORKMEN'S COMPENSATION ACT or any other statutory law in force during the currency of this Contract or at Common law in respect of any Employee of the Contractor or any Sub-Contractor and shall at his own expense effect and maintain until the Virtual completion of the work, with "licensed General Insurance Company" a POLICY OF INSURANCE of adequate amount in the joint names of the Employer and the Contractor against such risks and deposit such policy or policies with the employer & renew the same as required from time to time during the currency of the Contract.
- 9.7 The Contractor shall be responsible for anything, which may be excluded from the Insurance Policies above referred to, and also for all other damage to any property arising out of or incidental to the negligence or defective carrying out of the Contract.
- 9.8 In default of the Contractor insuring as provided above, or having insured failing to renew the same as required the Employer on his behalf may so insure/renew and may deduct the premiums paid from any monies due or which may become due to the Contractor together with penalty as the CE deems appropriate.
- 9.9 The Contractor shall also fully indemnify the Employer in respect of any costs, charges or expenses arising out of any claim or proceedings at law and also in respect of any award of compensation of damages arising there from.
- 9.10 The Employer shall be at liberty and is hereby empowered to deduct fully the amount of any damages, compensation costs, charges and expenses arising or accruing any such claim of damage from any sum or sums due or to become due to the Contractor.
10. Actual quantities shall be measured for payment on the basis of the rates quoted. The quantities are to be read in conjunction with the specification and conditions of contract and the rates quoted shall be for doing all work as per specification complete, whether the same are reiterated or not. Unless otherwise incorporated with the tender as supplementary item/ items the rates quoted shall be inclusive of all costs and charges



including arrangement for all temporary works in connection thereto shall be deemed to have been provided unless otherwise definitely called up with the tender.

11. All tools and tackles required for handling of equipments and materials at site of work as well as for their assembly and erection and also necessary test instruments shall be responsibility of the contractor.
- 12.
13. Any extra item/ items that may be found necessary during the execution of the work and not originally for in the schedule may be paid based on the rate analysis for Extra/ Deviated items of work, co-efficient of labour and material wherever applicable shall be given with latest edition of CPWD rate analysis. Where such co-efficient are not available with CPWD rate analysis is to actual labour/ materials involved and recorded by Supdt. Engineer/ Executive Engineer in executing the item shall be considered with an addition thereto to 15% to cover profit and other overhead charges, Rebate/escalation , if any offered by the contractor for the group under consideration shall not be considered for rate analysis for extra/Deviated items of work. The contractor will have to submit his claims for such extra/deviated items along with actual vouchers to the Competent Authority for verification of rates within seven days from taking up such work in hand.
14. The work must be completed in all respects within the specified time from the date of receiving the work order.
15. **LIQUIDATED DAMAGES :** If the Contractor fails to complete the work within the stipulated time period or within properly extended period of time and Executive/Superintending/ Dy. Chief Engineer certifies in writing that in his opinion the same ought reasonably so to have been completed, the Contractor shall pay or allow the Employer to recover an amount equal to 1% of the tendered amount per week subject to maximum of 10% of the tendered amount for the period during which the said works shall so remain incomplete. In case the liquidated damages in accordance with the above provision accrue to maximum limit of 10% of the tendered amount, LIFE INSURANCE CORPORATION OF INDIA shall be at liberty to rescind the contract and get it completed entirely at the risk and cost of the Contractor through any agency it decides to appoint. All extra expenses incurred shall be recoverable from the money due to the Contractor or lying to his credit with LIFE INSURANCE CORPORATION OF INDIA against the present or any other contract. For urgent nature of jobs, LD rates will be decided mutually.

16. The rates quoted by the tenderer in the tender must hold well throughout the currency of the contract.
17. The LIC reserves the right to entrust any work to any Contractor other than the Group Contractor at its sole discretion.
18. The Contractor should make it a point that his representative should be made available to the OS Department everyday during office hours for receiving work orders/ instructions etc in case his tender is accepted.
19. It may please be noted that in case of urgency/ priority, if the lowest approved contractor is not available for any reasons, then the work will be offered to other contractors. LIC reserves the right to entrust the work to any other enlisted contractors available at the lowest approved rate for the particular group.
20. The lowest contractor may be awarded work up to the extent of Rs 5.00 lakhs at a single stretch. However LIC reserves the right to invite separate tender for any type of repairs, renovations, additions and alteration works in the LIC buildings irrespective of items in the Rate Contract Schedule.
21. If the Contractor or his representative fails to attend the office for consecutive 3 (three) days to receive verbal instructions/ work order or if the Contractor, upon receiving written or verbal order does not undertake the work within the next 24 hours or immediately as instructed in case of emergency works like disruption of power supply, blown out fuses, non-functioning of electrical installations) the Executive Engineer/ Superintending Engineer / Dy. Chief Engineer shall have liberty to cancel the Rate Contract/ Work Order and employ other agency to get the works done and the difference in total cost thereof shall be deducted from the Contractor's bills or for any other work such lying with LIC without making any reference to the Contractor.
22. If any defect is noticed within six months after completion of the work, the Contractor has to rectify the same at his cost and risk, failing which LIC reserves the right to get the defect rectified through any agency and deduct the cost thereof from the Contractors bill.

23. The Competent Authority may due to adequate reason as he thinks fit from time to time, terminate the Contract by giving one months notice. The Contractor should then leave the buildings under his group in a decent and workable condition, failing which LIC reserves the right to take any action as deemed fit against the Contractor.
24. **MINIMUM WAGES ACT:**
The Contractor shall pay rates of wages and observe hours of work and conditions of employment according to the existing rules under Minimum Wages Act. Further it shall be Contractors responsibility to ensure that he as his workmen wages which are not lower than the minimum prescribed by the Union Government and State Govt.
25. **MEASUREMENTS :**
- (i) The Contractor shall enter measurement of works executed in the prescribed format issued by LIC.
 - (ii) Part or final payment shall be released only after necessary measurement sheets are submitted by the Contractor duly verified by and cross-checked by Corporation's Engineer.
 - (iii) Contractor shall ensure that the method of measurement is in accordance with the Contract. The precision in measurement shall be as laid down as per the relevant IS codes. Any point of disagreement between the Contractor and the concerned Engineer pertaining to measurements shall be promptly referred to for the decision of the Competent Authority.
 - (iv) Extra/ deviated items shall be recorded by the Contractor only after duly authorized by the Corporation's Engineer.
 - (v) The work shall be preferably measured in the same sequence as executed. The measurements shall be signed at the end of each session of measurements on the day of recording, as the case may be, by both the parties (i.e. Measurer / Contractor / Site Engineer).



26. **CONCEALED WORK:**

The Contractor shall give due notice to the Site Engineer whenever any work is to be buried in the earth, concrete or in the bodies of walls or otherwise, becoming hidden later on, in order that the work may be inspected and correct dimensions taken before such concealment, in default whereof the same shall, at the opinion of the Employer be either opened up for measurements at Contractor's expense or no payment made for such work. Should any dispute or difference arise after the execution of any work as to measurements etc or other matter, which cannot be conveniently tested or checked, the notes of the Site Engineer shall be examined and the decision of Chief Engineer shall be binding on both the parties.

27. The monthly bills of the Annual Rate Contract are to be submitted by the Contractor by 7th of the next month, if they fail to submit their bills by 7th of the next month, then their claims are not liable for settlement unless approved by the Competent Authority.

28. **CONTRACT LABOUR ACT :**

The Contractor shall be responsible to register themselves under the Contract Labour (Regulation and Abolition) Act, 1970 and Building & Other Construction Workers (Regulation of Employment & Condition of Services) Act, 1996 and rules there under and must comply with and carry out all the provisions and obligations under the said Act and Rules and furnish all information to Employer as may be required by it and shall also indemnify the Employer against any penalties claims etc, arising from any default on their art.



29. WATER & ELECTRICITY CHARGES:

The charges towards usage of water and electricity provided by Corporation shall be recovered @ 0.5% (zero point five percentages) of gross value of work and shall be recovered from the bills of the Contractor.

29. TAXES, DUTIES, LEVIES AND DEDUCTION AT SOURCE:

29.1 Deduction at source of Income Tax, Labour welfare cess etc on works contract shall be made by LIC of India as per the provisions prevailing from time to time from the Running Account or Final Bills and remitted to the concerned Taxation Authorities/State Government on behalf of the contractor.

29.2 The invoices submitted by the vendor should have their GST no. clearly printed on it. The tax amount should be clearly shown in the invoice . The vendor should also mention LIC's GSTIN no on the invoice uploaded by them on GST portal.

29.3 The vendor needs to display the invoice on the GST portal and remit the tax to the Govt. within specified period.

29.4 The measurement books along with the abstract are to be checked , corrected and accepted by the vendor and then only invoice with zero correction will be raised and uploaded by the vendor on GST portal.

29.5 The vendor should quote their rate considering all taxes/duties/levies/labour welfare cess etc. which are not subsumed in GST but excluding GST on works contract as applicable which will be paid extra at the rate prevailing at the time of

billing. It is also advised to quote the rate after considering the input tax credit advantage and adjusting / deducting the same in the quoted rate/amount.

29.6 GST on works contract will be paid extra along with Bill payment as per applicable rate of GST at the time of billing.

30. The Contractor's offer should be reasonably fair enough to execute the items of work. If the offer is not found to be reasonable and workable, the tender is liable to be canceled and Earnest Money Deposit be forfeited.

31. The Contractor should quote rate keeping in view that the salvage material would be taken away by the Contractor after proper checking by the department concerned and obtaining necessary gate-pass etc. However salvage value for old materials if replaced by new materials will be deducted at the rate of **05% (Five percent)** of the value of work done for all items except fittings & fixtures for which salvage is given below. Unserviceable materials, all sorts of debris etc will have to removed from the work site to Contractors own dump at the Contractors cost and risk immediately after completion of the work or even during the progress of the work in case of huge accumulation as per instruction of the Engineer-in-charges, failing which LIC reserves the right to remove the Debris through any agency and deduct the cost thereof from the Contractor's bill without any reference to him.

32. **The contractor has to depute one electrician on all working days from 10.00 am to 06:00 pm and as and when required with all tools and measuring equipments like multimeter, clamp meter etc at Division office, if required. The payment of electrician will be made as per item no 220 of SOQ.**

The contractor has to fulfill the following requirements-

1.The service provider/contractor must ensure that wages to the workers are paid as

provided under relevant rules & regulations/law/statute in force. The service provider/contractor will not link the payment of wages to the workers with the settlement of his bills by the corporation.

2. The contractor will have to comply with all rules and regulations for provident fund and ESI of employee.

33. Salvage value for fittings & fixtures are mentioned below:

S.No.	Description of Item	Salvage value (in Rs.)
1	Instant type geyser	250.00
2	Storage type geyser (15/25 Ltr.)	750.00
3	Ceiling Fan (44"/48"/56")	200.00
4	2x2 light fitting/ FTL/Down light (Indoor /Outdoor)	100.00
5	HPSV/MH/LED Street light fitting	250.00
6	Wall mounted fan/Pedestal Fan/Exhaust Fan (All sizes)	150.00
7	12V, 150 AH, Led Acid battery.	1,000.00

Signature of Contractor with seal

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LIC of India, Divisional Office, "Deepshikha Road, vishwanath nagar, Begusarai-851101

E-mail-os.begusarai@licindia.com, Tel. No- 06243-245263



SPECIAL CONDITIONS OF CONTRACT: ANNEXURE - 1

1. **The Contractors are to quote on percentage rate basis i.e. plus / minus / at par in the attached schedule of rates in words and figures, otherwise tender will not be entertained. Work shall be awarded to the lowest tenderer. In case of lowest tenderer is not available / contractor fails to attend job / for any reasons then work may be offered on lowest rates of the other contractor i.e. L – 2, L – 3, L – 4 ----- . Since day to day maintenance works may awarded to other agencies due to office exigencies. Contractor willing to work on lowest rates will have to give their consent after approval of the lowest rates.**
2. Tenderer will quote their rate after proper inspection of the work site. Tenderer has to quote their rates **on Percentage rate basis** for this work including cost of all materials, labour, transportation along with costs for Steel Scaffolding, Curing and necessary testing of the work, taxes, profits and overheads etc. No extra payment will be paid for this purpose. The tenderer has to quote his rate accordingly.
3. The contractor shall make it a point that he should do the execution work inside the office before and after office hours without disturbing smooth functioning of the official activities. If necessary the contractor may be allowed to do the work in the night also and in that case necessary permission shall be obtained from us, local Authority if required at own cost. The contractor will take care of the damages, safety & security of the office records, machineries and electrical/electronic installation works etc. of the offices. He will arrange to cover up the office records, machineries and electrical/electronic installation works etc. by thick polythene sheets to protect probable damages during work and will arrange necessary cleaning of the offices regularly after work for which no extra payment will be paid to him. The tenderer has to quote his rate accordingly.
4. The rates should also be inclusive of all statutory taxes including Income Tax / but EXCLUDING GST.

5. The Contractor shall be responsible for register themselves under the Contract Labour (Regulation and Abolition) Act 1970 and rules there under and must comply with and carry out all the provisions and obligations under the said rule Act and rules and furnish all information to employer as may be required by it and shall also identified the employer against any penalties, claims etc., arising from any default on their part.
6. During progress of the work necessary arrangement has to be made by the contractor at his own cost to protect from rain, if occurred.
7. All type of security measures related to the external work to be arranged for the workmen.
8. Before commencing the work labour license, Workman Compensation & Third party Liability Policies are to be obtained and submitted to the department. **The above policies shall be in the name of Contractor and LIC of India.**
9. The contractor shall follow C.P.W.D coefficient for consumption of cement sand & stone chips etc.
10. Necessary electricity and water to be arranged by the contractor at their own cost. Alternatively if those have been used from the sources of LIC, 0.50% on gross value of bill will be deducted from their bill.
11. Before commencement of the work, contractor has to prepare and submit necessary steps design & drawings of the work for approval by the Deptt.
12. Before commencement of the work, contractor has to submit to the Deptt. samples of all materials, fittings and fixtures etc to be used in the work of good quality of reputed brand and manufacturer out of the Principal Makes and to be got approved from the Deptt.



13. No extra item shall be entertained until unless approval is obtained from the LIC. In case of any addition/alteration required to be done, writing approval permission to be obtained from the LIC. In such cases payment should be made after price adjustment for use of alternative materials on production of cash memo in original.
14. Payment will be made after submission of bill as per joint measurement with LIC engineer and that too after arriving at the stipulated value of interim certificate mentioned in the tender. Bills are to be submitted in triplicate to the Sr Divisional Manager, L.I.C of India, Divisional Office, BEGUSARAI.
15. After completion of work joint inspections shall be carried out by the Contractor with LIC of India's representative to find out defects of the works if any. In case, any defects is noticed, the same shall be rectified by the Contractor up to the full satisfaction of the Deptt. without any extra cost to the Deptt.
16. All damages to the property while carrying out the work shall be made good in all respect within the completion period without any extra cost to LIC.
17. Final payment will be made only after satisfactory completion of the total work in all respect after obtaining virtual completion certificate from the Deptt.
18. Security Deposit amount shall be retained for the Defect Liability Period specified. The retention money shall become payable on successful expiry of the Defect Liability Period of one year (w.e.f. the date of virtual completion of the work). The retention money shall not bear any interest.
19. There is space congestion in the existing building which may create problem in storing of material. Tenderer are therefore advice to inspect the building and premises thereof and satisfy themselves before quoting the rates.

Signature of Contractor with seal

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LIC of India, Divisional Office, "Deepshikha Road, vishwanath nagar, Begusarai-851101

E-mail-os.begusarai@licindia.com, Tel. No- 06243-245263

ADDITIONAL CONDITIONS:

ANNEXURE - 2

01 WATER & ELECTRICITY CHARGES:

The charges towards usage of water and electricity provided by Corporation shall be recovered @ 0.5% (zero point five percentages) of gross value of work and shall be recovered from the bills of the Contractor.

02 Deduction at source of Income Tax, Labour welfare cess etc on works contract shall be made by LIC of India as per the provisions prevailing from time to time from the Running Account or Final Bills and remitted to the concerned Taxation Authorities/State Government on behalf of the contractor.

03 The invoices submitted by the vendor should have their GST no. clearly printed on it. The tax amount should be clearly shown in the invoice . The vendor should also mention LIC's GSTIN no on the invoice uploaded by them on GST portal.

04 The vendor needs to display the invoice on the GST portal and remit the tax to the Govt. within specified period.

05 The measurement books along with the abstract are to be checked , corrected and accepted by the vendor and then only invoice with zero correction will be raised and uploaded by the vendor on GST portal.

06 **The vendor should quote their rate considering all taxes/duties/levies/labour welfare cess etc. which are not subsumed in GST but excluding GST on works contract as applicable which will be paid extra at the rate prevailing at the time of billing. It is also advised to quote the rate after considering the input tax credit advantage and adjusting / deducting the same in the quoted rate/amount.**

07 **GST on works contract will be paid extra along with Bill payment as per applicable rate of GST at the time of billing.**

8.0

- a) The bill quantities are provisional and the quantities may vary during the execution of the work. The total value of the work may reduce or increase to any extent for which no additional claim of the contractor will be entertained.
- b) The contractor has to obtain CAR insurance policy beside taking W.C policy. Those policy has to be submitted with LIC before commencement of the work.
- c) The contractor may have to construct temporary shed for stay of their workmen & materials, if necessary and for which no extra payment will be made to the contractor.

9. Preparatory work for estimation and measurement will be done by contractor after receiving the nature of specific work decided by competent authority time to time and after allotment and issued of job card for specific work by competent authority to contractor only, Contractor may execute their works at their end. No any extra payment will be given / release to contractor for measurement and estimation of work and after submission of job card and proper documentation by contractor, the Divisional/Zonal competent authority may released the payment after proper approval from competent authority.

Date :

Signature of the contractor with address
& office seal.

APPROVED MAKE OF MATERIALS LIST FOR ELECTRICAL WORKS.

SL. NO.	MAKES/AGENCIES/BRANDS	SL. NO.	MAKES/AGENCIES/BRANDS
1.	COPPER CONDUCTOR PVC INSULATED FR, 1.1 KV GRADE WIRE/CABLE.	2.	PVC/XLPE INSULATED ALUMINUM/ COPPER CONDUCTOR ARMoured CABLE (HT/ LT).
	1)FINOLEX 2)HAVELLS 3)RR KABLE 4)V GAURD		1) FINOLEX 2) FORT GLOSTER 3) CCI 4) RR KABLE 5) DELTON
3.	MAIN SWITCH WITH HRC FUSES.	4.	MAIN SWITCH WITH REWIREABLE FUSES.
	i)L&T j)SIEMENS k)GE l)ENGLISH ELECTRIC m)HAVELLS n)STANDARD		1.L&T 2.CROMPTON GREAVES 3.HAVELLS 4.STANDARD
5.	MCCB	6.	MCB/ELCB/ELMCB/DB
	1) LEGRAND 2) SCHNIDER ELECTRIC 3) L&T 4) SIEMENS		1.LEGRAND 2.SCHNIDER ELECTRIC 3.HAGGER 4.SIEMENS
7.	CHANGE OVER SWITCH/ SWITCH FUSE UNIT UP TO 100 AMP.	8.	CHANGE OVER SWITCH/ SWITCH FUSE UNIT ABOVE 100 AMP.
	1.L&T 2.HAVELLS 3.SIEMENS 4.HPL 5.STANDARD		1) L&T 2) SIEMENS 3) HPL

9.	RISING MAINS	10.	PVC CONDIT & ACCESSORIES. (ISI MARKED)
	1) ENGLISH ELECTRIC 2) GEC 3) SCHNIDER ELECTRIC		1.PRECISION 2.AVON PLAST 3.ESSARKE 4.SUDHAKAR 5.KALINGA 6.AKG
11.	PVC CASSING CAPPING (ISI MARKED)	12.	M.S.CONDUIT & ACCESSORIES.
	1) PRECISION 2) SUDHAKAR 3) KALINGA 4) AKG 5) DIAMOND		(1)SUPREME (2)BIC (3)NIC (4)AKG
13.	FLOOR TRUNKING SYSTEM	14.	G.I. PIPE
	1.LEGRAND 2.MK ELECTRIC 3.PRECISION 4.MODI		1TATA 2JINDAL 3SENITH 4PRAKASH 5GST 6APOLLO
15.	MODULAR SWITCHES, ACCESSORIES & ELECTRONIC REGULATOR	16.	NON MODULAR SWITCHES, ACCESSORIES & ELECTRONIC REGULATOR
	1) ANCHOR ROMA 2) SSK 3) LEADER 4) CRABTREE 5) MK		1) ANCHOR 2) LEADER 3) SSK 4) CPL
17.	INDUSTRIAL PLUG & SOCKETS.	18.	CEILING/ EXHAUST/ WALL FAN

	1) LEGRAND 2) HAGER 3) HAVELLS 4) CROMPTON GREAVES 5) STANDARD		1) USHA 2) BAJAJ 3) CROMPTON GREAVES 4) ORIENT 5) ALMONARD
19.	INDOOR LIGHT FITTINGS	20.	OUTDOOR LIGHT FITTINGS
	1.PHILLIPS 2.WIPRO 3.CROMPTON GREAVES 4.GE		1.PHILLIPS 2.WIPRO 3.CROMPTON GREAVES 4.GE 5.K-LITE
21.	CABLE GLANDS	22.	CABLE LUGS
	a)COMET b)DOWELLS c)BRACO d)SIEMENS		1) DOWELLS 2) COMET
23.	CONNECTORS	24.	FLUROSCENT LAMPS
	ELMEX CONNECT WELL PHONEIX		1.PHILLIPS 2.OSRAM 3.CROMPTON GREAVES 4.BAJAJ 5.GEC
25.	COMPACT FLUROSCENT LAMPS	26.	MOTOR STARTERS
	1) PHILLIPS 2) OSRAM 3) HAVELLS 4) WIPRO		1) SIEMENS 2) L&T 3) CROMPTON GREAVES
27.	MONOBLOCK PUMPS	28.	LIGHTENING ARRESTORS
	a)KIRLOSKAR b)CROMPTON GREAVES c)CRI		1) PACTIL 2) HECO 3) ATLAS 4) G.K.ELECTRICALS

29.	TRANSFORMER UP TO 500 KVA	30.	TRANSFORMERS ABOVE 500 KVA
	a)PACTIL b)EMCO c)CROMPTON GREAVES d)KIRLOSKAR e)GEC f)TESLA		a)KIRLOSKAR b)GEC
31.	A.B. SWITCH & DO FUSE	32.	SELECTOR SWITCH
	1) PACTIL 2) JENCO 3) CROMPTON GREAVES 4) ATLAS		1) KAYCEE 2) SIEMENS 3) C&S
33.	INDICATING LAMPS	34.	CONTACTORS
	a)VAISHNO b)ESSEN c)PHILLIPS		1.SIEMENS 2.L&T 3.ABB 4.SCHNIDER ELECTRIC
35.	MEASURING INSTRUMENTS	36.	PF IMPROVEMENT CAPACITOR & APFC PANEL
	1.AMP 2.MECO 3.AE 4.ENERCON 5.PROK-DV's		7)EPCOS 8)NEPTUNE 9)L&T 10)CROMPTON GREAVES
37.	RELAY FOR AUTOMATIC PF IMPROVEMENT	38.	CURRENT TRANSFORMER
	1.EPCOS 2.CONZERVE 3.L&T		1.AE 2.RISHAB 3.KUPPA 4.L&T

39.	DATA CABLES & FACTORY MADE PATCH CORDS	40.	INFORMATION OUTLET/ RJ-45 CONECTORS/RJ-11 SOCKETS
	1.LEGRAND 2.D-LINK 3.FINOLEX 4.MOLEX 5.AMP		1) D-LINK 2) LEGRAND 3) MOLEX 4) SYSTEMAX 5) AMP
41.	TELEPHONE WIRES	42.	RG 6 CABLE FOR TV
	1.FINOLEX 2.DELTON 3.HAVELLS 4.RR KABLE		1) FINOLEX 2) DELTON 3) NATIONAL
43.	JACK PANEL	44.	RACK
	1.D-LINK 2.LEGRAND 3.MOLEX 4.SYSTEMAX 5.VALRACK 6.AMP		1.VALRACK 2.DIGITRON 3.HCL 4.A LINK
45.	FIRE ALARM PANEL	46.	SMOKE & HEAT DETECTORS
	1) HONEYWELL 2) CARMEL 3) ZICOM 4) NOTIFIER 5) MIRCOM/SECUTRON 6) MORLEY IAS		1) APPOLO 2) MORLEY IAS 3) EDWARD 4) SYSTEM SENSOR 5) HONEYWELL 6) MIRCOM/SECUTRON
47.	MANUAL CALL POINTS/ HOOTER/ RESPONSE INDICATOR	48.	LED LAMPS AND FITTINGS
	1) HONEYWELL 2) ZICOM 3) NOTIFIER 4) SIMPLEX 5) CARMEL 6) MIRCOM/ SECUTRON		1) PHILLIPS 2) WIPRO 3) CROMPTON GREAVES 4) Havells

Signature of Contractor with seal

SUB : ANNUAL RATE CONTRACT FOR ELECTRICAL REPAIR & MAINTENANCE WORKS INCLUDING ADDITIONS/ ALTERATIONS IN LIC BUILDINGS/ PROPERTIES

SECTION A: INTERNAL ELECTRICAL WIRING & ACCESSORIES

Item No.	Description	Rate	Unit
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 2x1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1x 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	851.00	Point
2	Wiring for twin control light point with 3x1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1x 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	1241.00	Point
3	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 2x1.5 sq.mm FRLS PVC insulated copper conductor point with 1x1.5 sq.mm FRLS PVC insulated copper single core cable in surface / recessed steel conduit, with conductor modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	876.00	Point
4	Wiring for twin control light point with 3x 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way modular switch , modular plate, suitable size MS box and earthing the point with 1x1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	1337.00	Point

5	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	275.00	Metre
6	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	406.00	Metre
7	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.		
a	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	216.00	Metre
b	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	273.00	Metre
c	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	369.00	Metre
d	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	441.00	Metre
e	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	575.00	Metre
f	2 X 16 sq. mm + 1 X 6 sq. mm earth wire	351.00	Metre
g	4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire	351.00	Metre
h	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	421.00	Metre
i.	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	548.00	Metre
j	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	694.00	Metre
k	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	980.00	Metre

8	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.	719.00	Point
9	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	1010.00	Point
10	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor point with 1.5 sq.mm FRLS PVC insulated copper single core cable in surface / recessed medium class PVC conduit, with conductor modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	743.00	Point
11	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch , modular plate, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	1095.00	Point
12	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	207.00	Metre

13	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	319.00	Metre
14	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.		
a	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	151.00	Metre
b	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	173.00	Metre
c	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	207.00	Metre
d	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	258.00	Metre
e	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	340.00	Metre
f	2 X 16 sq. mm + 1 X 6 sq. mm earth wire	434.00	Metre
g	4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire	241.00	Metre
h	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	319.00	Metre
i	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	408.00	Metre
j	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	563.00	Metre
k	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	779.00	Metre
15	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated conductor single core cable as earth wire in existing surface/copper recessed steel/PVC conduit including dismantling as required.	431.00	Point

16	Rewiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required.	663.00	Point
17	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.		
a	1 x 1.5 sq. mm	30.00	Metre
b	2 x 1.5 sq. mm	42.00	Metre
c	3 x 1.5 sq. mm	56.00	Metre
d	4 x 1.5 sq. mm	69.00	Metre
e	2 x 2.5 sq. mm	57.00	Metre
f	3 x 2.5 sq. mm	78.00	Metre
g	4 x 2.5 sq. mm	98.00	Metre
h	2 x 4 sq. mm	89.00	Metre
i	3 x 4 sq. mm	121.00	Metre
j	4 x 4 sq. mm	162.00	Metre
k	5 x 4 sq. mm	197.00	Metre
l	2 x 6 sq. mm	126.00	Metre
m	3 x 6 sq. mm	173.00	Metre
n	4 x 6 sq. mm	228.00	Metre
o	5 x 6 sq. mm	275.00	Metre

p	1x 50sq.mm	476.00	Metre
	<u>Telephone Wiring</u>		
18	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC required.conduit as		
a	1 Pair	20.00	Metre
b	2 Pair	21.00	Metre
c	Supply and fixing RJ 11 socket on suitable size GI box with modular cover & plate on surface/recess complete including connection painting etc as required.	275.00	Each
d	Same as above but dual type	330.00	Each
e	Supply, installation, testing & commissioning of 10 Pair MDF Krone modules with lock & key arrangement to be fixed on surface/recess as directed including connections as required.	240.00	Each
19	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	34.00	Metre
	<u>Conduit and Accessories</u>		

20.00	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.		
a	20 mm	151.00	Metre
b	25 mm	171.00	Metre
c	32 mm	210.00	Metre
d	40 mm	303.00	Metre
e	50 mm	381.00	Metre
21	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.		
a	20 mm	87.00	Metre
b	25 mm	93.00	Metre
c	32 mm	95.00	Metre
d	40 mm	135.00	Metre
e	50 mm	164.00	Metre
22	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required.		
a	75 mm X 75 mm X 60 mm deep	145.00	Each

b	100 mm X 100 mm X 60 mm deep	166.00	Each
c	150 mm X 75 mm X 60 mm deep	171.00	Each
d	150 mm X 150 mm X 60 mm deep	240.00	Each
e	180 mm X 100 mm X 60 mm deep	190.00	Each
f	200 mm X 125 mm X 60 mm deep	248.00	Each
g	200 mm X 150 mm X 60 mm deep	270.00	Each
h	200 mm X 150 mm X 75 mm deep	278.00	Each
i	200 mm X 250 mm X 60 mm deep	347.00	Each
j	200 mm X 250 mm X 75 mm deep	364.00	Each
k	200 mm X 150 mm X 100 mm deep	319.00	Each
l	200 mm X 250 mm X 100 mm deep	379.00	Each
m	200 mm X 300 mm X 60 mm deep	401.00	Each
n	200 mm X 300 mm X 100 mm deep	418.00	Each
o	250 mm X 300 mm X 60 mm deep	441.00	Each
p	250 mm X 300 mm X 100 mm deep	275.00	Each
23	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.		
a	5/6 amps switch	47.00	Each
b	2 way 5/6 A switch	56.00	Each
c	15/16 A switch	114.00	Each
d	3 pin 5/6 A socket outlet	475.00	Each

e	6 pin 15/16 A socket outlet	133.00	Each
f	Telephone socket outlet	78.00	Each
g	TV antenna socket outlet	79.00	Each
h	Bell push	66.00	Each
24	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.		
a	5/6 amps switch	88.00	Each
b	2 way 5/6 A switch	127.00	Each
c	15/16 A switch	137.00	Each
d	3 pin 5/6 A socket outlet	115.00	Each
e	6 pin 15/16 A socket outlet	181.00	Each
f	Telephone socket outlet	123.00	Each
g	TV antenna socket outlet	123.00	Each
h	Bell push	131.00	Each
25	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	354.00	Each
26	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	33.00	Each
27	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.		

a	1 or 2 Module (75mmX75mm)	252.00	Each
b	3 Module (100mmX75mm)	277.00	Each
c	4 Module (125mmX75mm)	297.00	Each
d	6 Module (200mmX75mm)	345.00	Each
e	8 Module (125mmX125mm)	397.00	Each
f	12 Module (200mmX150mm)	450.00	Each
28	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.		
a	1 or 2 Module	118.00	Each
b	3 Module	133.00	Each
c	4 Module	143.00	Each
d	6 Module	173.00	Each
e	8 Module	203.00	Each
f	12 Module	235.00	Each
29	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 A socket outlet and 5/6 A piano type switch, connections, painting etc. as required.	295.00	Each
30	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 A socket outlet and 15/16 A piano type switch, connections, painting etc. as required.	421.00	Each

31	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	415.00	Each
32	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	513.00	Each
33.00	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	67.00	Each
34	Supplying and fixing brass batten/ angle holder including connection etc. as required.	121.00	Each
35	Installation ,Testing, Commissioning of wall bracket /ceiling fittings of all sizes and shapes containing upto two GLS/CFL/LED lamps per fitting, complete with all accessories including connections etc. as required.	102.00	Each
36.00	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	95.00	Each
37	Providing and fixing plain 16/0.20mm (0.50sqmm) twin flat flexible, FRLS PVC insulated, copper conductor cable, in PVC sleeve of suitable size on the floor/ wall, or side of the table/ door etc. as required.	27.00	Each
38	Providing and fixing plain 16/0.20mm (0.50sqmm) twin circular flexible FRLS PVC insulated, PVC sheathed copper conductor cable direct on the wall with PVC clips etc. as required.	22.00	Each

39.00	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required. Each 168	174.00	Each
40	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc., including supplying and fixing ball and socket arrangement, 2 Nos. down rods of 20 mm dia X 1.6 mm thick steel conduit upto 30 cm length, painting and wiring the down rods and connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	371.00	Each
41	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	41.00	Each
42.00	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	210.00	Each
43	Numbering of ceiling fan/ exhaust fan/ fluorescent fittings as required.	50.00	Each
44	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, ommissioning etc. as required.		
a	Upto 450 mm sweep	376.00	Each

b	510 mm sweep	542.00	Each
44.1	Extra for fixing the louvers/ shutters complete with frame for a exhaust fan of all sizes.	174.00	Each
44.2	Supply & installation of a set consisting of 3 Nos. 10 Amps 5 pin modular multi socket & 2 Nos. of 10 Amps Modular switch including suitable depth modular type PVC recessed type / surface type switch box(8 module) & modular range faceplate & inner cover of same make to be concealed in partition / wall / work station etc including all connection & earthing with electrical wiring 2 x 2.5 + 1 x 1.5 sq. mm PVC insulated Cu. wires up to 4.0 mtrs length.	1432.00	Each
Data Net work			
44.3	SITC of E CAT 6 UTP cable for the data circuit through the existing PVC/MS conduit. Rate is included for termination on either end or as directed.	30.00	RM
44.4	Supplying and fixing 1 Mtr long factory fabricated patch cord with RJ 45 jacks on either end.	172.00	Each
44.5	Supplying and fixing 2 Mtr long factory fabricated patch cord with RJ 45 jacks on either end.	196.00	Each
44.6	Supplying and fixing 5 Mtr long factory fabricated patch cord with RJ 45 jacks on either end.	450.00	Each
45	Supply and fixing RJ 45 Information outlet socket on suitable size GI box with modular cover & plate on surface/recess complete including connection painting etc as required.	466.00	Each
45.1	S/F of RJ-45 Connector	55.00	Each

46	SITC of 19" Modem Rack including supply of Tray, Cable Manager, Main Power Distribution Unit etc. with all necessary connection / termination for Cat-6 UTP cable. (Make : D-Link, VALRACK, HCL VEROPRESIDENT).		
A	12 U Rack	8255.00	Set
B	9 U Rack	7093.00	Set
C	6 U Rack	5932.00	Set
47	Supply installation testing commissioning of 24 port patch panel for CAT 6 UTP cable in existing modem rack including connection as required.	4399.00	Set
SECTION- B : ELECTRICAL FITTING, FIXTURES & ACCESSORIES			
48	Supply and delivering to site the following electrical luminaries complete with all the accessories as required.		
a)	1x40 W box type surface mounted fluorescent light fitting complete with high power factor copper ballast and tube. (Comparable to Phillips Cat. No. TMS021 1xTL-D36W IC)	583.00	Each
b)	1x28 W box type surface mounted fluorescent light fitting complete with high power factor electronic ballast and T-5 tube.	579.00	Each
49	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core multistrand cable and earthing etc. as required.		Each

50	Installation, testing and commissioning of pre-wired, fluorescent fitting/ compact fluorescent fitting of all types, with all accessories and tube etc., including supplying and fixing ball and socket arrangement, 2 no. down rods of 20 mm dia X 1.6 mm thick steel conduit upto 30 cm length, painting and wiring the down rods and connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc as required.		Each
51	Installation, testing and commissioning of pre-wired, fluorescent fitting/ compact fluorescent fitting of all types, with all accessories and tube etc., including suspending arrangement with 2 no. chains of required length, fixing in the existing opening in false ceiling and connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc as required.		Each
52	Installation, testing and commissioning of pre-wired, down lighter fitting of all types, with all accessories and lamp etc., including fixing in the existing opening in false ceiling and connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing with proper support from ceiling etc as required.		Each
53	- DO - as above but with proper support from true ceiling with chain, fastner etc as required.		Each
54	Supply and replacement of following spares in the existing light fittings complete as required.		
a)	Vacuum pressure impregnated copper ballast suitable for 1x36W/ 40 W FTL.	390.00	Each

b)	Vacuum pressure impregnated copper ballast suitable for 1x18W/ 20W	262.00	Each
c)	Electronic ballast for T-5 28/36 W. FTL	432.00	Each
d)	2x18W copper ballast	482.00	Each
e)	Starter suitable for 1x 36 W/40 W FTL.	28.00	Each
f)	Rotary holder for starter/tube suitable for 1x36 W/40 W FTL.	32.00	Each
g)	Lamp holder/adapter suitable for 18/36 W PL lamp.	42.00	Each
h)	Electronic ballast suitable for 1x36 W/40 W FTL	362.00	Each
i)	Electronic ballast (high power factor) suitable for 1x36 W PL Lamp.	362.00	Each
j)	Electronic ballast (high power factor) suitable for 2x36 W PL Lamp.	654.00	Each
k)	Vacuum pressure impregnated copper ballast suitable for 1x18 W PL lamp.	262.00	Each
55	Supply and replacement of following lamps in the existing light fittings complete as required.		
a)	14/28 W T-5 fluorescent tube	121.00	Each
d)	11 - 18W PL lamp	156.00	Each
c)	36 W PL Lamp	191.00	Each
i)	36/40 Watt tube light.	82.00	Each
j)	20 Watt tube light.	75.00	Each
k)	15/25/40/60/100 Watt GLS lamp	32.00	Each
l)	Lamp holder for 18 - 40 Watt FTL & 14 - 28 Watt T-5 tubelight.	28.00	Each
m)	Starter Holder	28.00	Each

56.a)	Supply & fixing of 1x36/40 Watt fluorescent tube ROD in Street light fitting.	96.00	Each
b)	Supply & fixing of 18/20 Watt copper choke for tube light in Street light fitting.	262.00	Each
c)	Supply & fixing of 36/40 Watt copper choke for tube light in Street light fitting.	390.00	Each
d)	Supply & fixing of 18 - 40 Watt starter for tube light in Street light fitting.	42.00	Each
e)	DO - as above but for lamp holder/ starter holder	42.00	Each
57.a	LED TUBE LIGHT FITTINGS ON WALL:-Supply, installation, testing and comissioning of Ultra modern minimum 24 Watt LED tubelight type luminaire of approved make including 01 no 24 watt LED Tube light mounted directly on wall with PVC round block including all connection . The model number of CROMPTON make is LCCLB24-CDL or its equivalent make in PHILIPS and WIPRO etc.	1186.00	Each
b	LED TUBE LIGHT FITTINGS ON WALL:-Supply, installation, testing and comissioning of Ultra modern minimum 08 Watt LED tubelight type luminaire of approved make including 01 no 08 watt LED Tube light mounted directly on wall with PVC round block including all connection . The model number of CROMPTON make is LCCLB08-CDL or its equivalent make in PHILIPS and WIPRO etc.	617.00	Each
58.a	LED TUBE LIGHT FITTINGS ON WALL:-Supply, installation, testing and comissioning of Ultra modern minimum 18 Watt LED tubelight type luminaire of approved make including 01 no 18 watt LED Tube light mounted directly on wall with PVC round block including all connection . The model number of CROMPTON make is LCTL-18-CDL or its equivalent make in PHILIPS and WIPRO etc.	536.00	Each

b	LED TUBE LIGHT FITTINGS ON WALL:-Supply, installation, testing and commissioning of Ultra modern minimum 09 Watt LED tubelight type luminaire of approved make including 01 no 09 watt LED Tube light mounted directly on wall with PVC round block including all connection . The model number of CROMPTON make is LCTL-9-CDL or its equivalent make in PHILIPS and WIPRO etc.	495.00	Each
59 a	LED lamp of 5W capacity suitable for batten holder	141.00	Each
b	Do- but 7W capacity	150.00	Each
c	Do- but 9W capacity	159.00	Each
d	Do- but 12W capacity	168.00	Each
e	Supply and fixing of LED 18 Watt	246.00	Each
60.a	RECESSED LED 2 X 2 FT FITTINGS:- Supply, installation, testing and commissioning of LED recessed fittings Of 36 watt system power suitable for 2 x 2 tile of armstrong/grid/pop ceiling complete with separate electronic driver . The fitting will provide glare free illumination with longer life and less maintenance. The model number of CROMPTON make is LCTLRN-36-FO-CDL or its equivalent make in PHILIPS and WIPRO etc.	3334.00	Each
b	SURFACE LED 2 X 2 FT FITTINGS:- Supply, installation, testing and commissioning of LED recessed fittings Of 36 watt system power suitable for 2 x 2 tile of armstrong/grid/pop ceiling complete with separate electronic driver . The fitting will provide glare free illumination with longer life and less maintenance. The model number of CROMPTON make is LCTLSN-36-CDL or its equivalent make in PHILIPS and WIPRO etc.	3585.00	Each

c	SURFACE LED 1 X 1 FT FITTINGS:- Supply, installation, testing and commissioning of LED recessed fittings Of 18 watt system power suitable for armstrong/grid/pop ceiling complete with separate electronic driver . The fitting will provide glare free illumination with longer life and less maintenance. The model number of CROMPTON make is LCDSPLN-18-CDL or its equivalent make in PHILIPS and WIPRO etc.	1407.00	Each
d	Supply, installation, testing and commissioning of outdoor type LED light fittings with LED light of 20 watt comparable to Philips make BRPO22 LED 21 CW MR S1 PSU GR. The rate is inclusive of fixing the fittings in existing pole/wall with suitable size pipe, clamps etc., alongwith connection by 3x1.5 sq mm FR PVC wire.	3884.00	Each
e	RECESSED LED 1 X 1 FT FITTINGS:- Supply, installation, testing and commissioning of LED recessed fittings Of 18 watt system power suitable for armstrong/grid/pop ceiling complete with separate electronic driver . The fitting will provide glare free illumination with longer life and less maintenance. The model number of CROMPTON make is LCTRLN-18-CDL or its equivalent make in PHILIPS and WIPRO etc.	2017.00	Each
f)	DOWN LIGHTER LED FITTINGS:- Supply, installation, testing and commissioning of LED recessed ROUND DOWN LIGHTER fittings Of 09 watt system complete with electronic driver. The fitting will provide glare free illumination with longer life and less maintenance. The model number of CROMPTON make is LCDE-09-CDL or its equivalent make in PHILIPS and WIPRO etc.	623.00	Each

61	DOWN LIGHTER LED FITTINGS:- Supply, installation, testing and commissioning of LED recessed ROUND DOWN LIGHTER fittings Of 06 watt system complete with electronic driver. The fitting will provide glare free illumination with longer life and less maintenance. The model number of CROMPTON make is LCDE-06-CDL or its equivalent make in PHILIPS and WIPRO etc.	536.00	Each
62	Cleaning of Wall mounted/ suspended light fittings.	20.00	Each
63	Dismantling and shifting of wall mounted/ suspended light fitting from one bldg. to other bldg. complete with connections as directed.	90.00	Each
64	Dismantling of T.L. sets & handing over to LICl.	60.00	No.
65	Shifting of T.L.set from one place to another place(same building) with connection. .	80.00	No.
66	Replacement of clear acrylic of 1x40 W street light fittings including dismantling the old defective cover	390.00	Each
67	Replacement of clear acrylic of 2x40 W street light fittings including dismantling the old defective cover	520.00	Each
SECTION - C : ELECTRICAL FITTING, FIXTURES & ACCESSORIES			
68	Supply & transporting to site following dimensions of ceiling fans complete with standard down rod, condenser canopy as required.		
	Note: The contractor has to submit the copy of the warranty card along with the bill.		
a)	48" (1200 mm) sweep	1610.00	Each

b)	56" (1400 mm) sweep	1901.00	Each
69	Supply & transporting to site following dimensions of exhaust fans complete with all accessories.		
	Note: The contractor has to submit the copy of the warranty card along with the bill)		
a)	9" dia.(225 mm Sweep).	1523.00	Each
b)	12" dia.(305).	1630.00	Each
c)	18" dia.(450 mm Sweep), heavy duty, single phase		Each
70	Supply & transporting to site 400 mm sweep wall mounting fan (oscillation type) with metal body & blades with pull cord for speed regulation and all necessary accessories.	2249.00	Each
	Note: The contractor has to submit the copy of the warranty card along with the bill)		
71	Supply & installation of 300 mm Exhaust fan (Heavy duty) on the existing circular opening with aluminium louvers and all necessary connections of crompton/orient/bajaj/ushaq make.	3396.00	Each
72	Supply & transporting to site 400 mm sweep pedestal fan (oscillation type), plastic body & blades with speed regulation and all necessary accessories.	2017.00	Each
	Note: The contractor has to submit the copy of the warranty card along with the bill)		
73	Installation, testing and commissioning of ceiling fan (48"/56" dia.), including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required.		Each

74	Installation, testing and commissioning of ceiling fan (48"/56" dia.), including wiring the down rods of standard length (upto 40 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.		Each
75	Supplying and fixing extra down rod of G.I. pipe, 15 mm dia, heavy gauge including painting etc. as required.		Metre
76	Supplying and fixing extra down rod of G.I. pipe, 20 mm dia, heavy gauge including painting etc. as required.		Metre
77	Installation of exhaust fan up to 450 mm sweep in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.		Each
78	Supply and fixing the louvers/ shutters complete with frame for an exhaust fan of all sizes.	342.00	Each
79	Installation, testing & commissioning of wall bracket fan/ pedestal fan of all sizes completes with all accessories including connection etc. as required.		Each
80	Installation, testing & commissioning of exhaust fan of all sizes on appropriate size of plywood 12 mm thick with center hole completes with all accessories including connection etc. as required.		Each
81	Rewinding of ceiling fans/ exhaust fans/ wall mounted fans/ cabin fans with varnished copper wire of standard size, varnishing, baking etc. including dismantling from site, reinstalling, overhauling, testing and commissioning complete as required.		
a)	Ceiling fan 48"(1200 mm) sweep	548.00	Each
b)	Ceiling fan 56 "(1400 mm) sweep	548.00	Each

c)	Cabin fan/ Wall mounting fan/Pedestal fan 400 mm sweep	664.00	Each
d)	Exhaust fan 9" (225mm)sweep	606.00	Each
e)	Exhaust fan 12" (305mm) sweep	606.00	Each
f)	Exhaust fan 18" (450 mm) sweep	1070.00	Each
82	Supplying and fixing ball bearing of SKF, NBC or NORMA make only including dismantling existing Ball bearings for all sizes of fans (Rate per no.)	254.00	Each
83	Supplying and fixing condenser only including dismantling existing condenser for all sizes of fans	74.00	Each
84	Supply and fixing bush bearing of all sizes including dismantling existing bush bearing.	148.00	Each
85	Painting of ceiling fan/ exhaust fans of all sizes with one or more coats of spray painting with synthetic enamel paint of approved brand and manufacture to give an even shade, including cleaning of surface with detergent oiling/ greasing etc as required.	140.00	Each
86	Overhauling of ceiling fans/ exhaust fans/pedestal of all sizes including cleaning the surface, oiling/ greasing etc as required.	85.00	Each
87	Numbering of ceiling fan/ exhaust fan/ fluorescent fittings as required.	50.00	Each
88	Dismantling and re-fixing of ceiling fan from one place to another place as directed complete with all connections as required.	229.00	Each
89	Supply & fixing of Pedestal/cabin/Exhaust fan blade	227.00	Each
90	Supplying and fixing of fan hook "S" type of (plain) 12mm dia. M.S. rod. The fan hook shall be fixed to the R.C.C ceiling & plastered to the original finish.	240.00	Each

91	Dismantling of ceiling fan and handing over the same to LIC.	57.00	Each
92	Supply & fixing of resistance type regulator for ceiling fan 42"/48"/56" including dismantling of old defective regulator.	254.00	Each
93	Supply & installation of heavy duty exhaust fan 12" dia on appropriate size of 12 mm thick plywood with central hole and all required accessories including all modification to the window.	2376.00	Each
94	DO -- as above but without plywood board and the fan will be fixed on wall after making suitable hole on the same.	2443.00	Each
95	DO -- as above but on existing plywood board / existing hole on wall.	1500.00	Each
96	Supply & installation of heavy duty exhaust fan 9" dia on appropriate size of 12 mm thick plywood with central hole and all required accessories including all modification to the window.	2302.00	Each
97	DO -- as above but without plywood board and the fan will be fixed on wall after making suitable hole on the same.	2369.00	Each
98	DO -- as above but on existing plywood board / existing hole on wall.	1426.00	Each
99	Supply & fixing of 6" dia plastic / fibre body ventilation fan with embeded louvre in existing opening on wall/window.	1321.00	Each
100	Supply & fixing of suitable size exhaust fan MS louvers on the existing wall opening.	517.00	Each
101	Cleaning of ceiling / pedestal/ exhaust fans.	73.00	Each
i)	Replacement of geyser box of wall fan.	187.00	Each
ii)	Replacement of damaged canopy of Ceiling fan.	134.00	Set

SECTION- D : MV/HV CABLE LAYING, EARTHING & ACCESSORIES.

ALUMINIUM CONDUCTOR CABLES (1.1 KV GRADE)

102	Supply and laying of Aluminum conductor XLPE insulated and PVC sheathed armoured power cable of 1.1 KV grade of following sizes as required in existing trench/pipe/cable tray.		
a)	2 Core,4 Sq.mm	96.00	Metre
b)	2 Core,6 Sq.mm	107.00	Metre
c)	2 Core,10 Sq.mm	122.00	Metre
d)	4 Core, 6 Sq.mm	127.00	Metre
e)	4 Core, 10 Sq.mm + 2 run of 12 SWG GI wire.	161.00	Metre
f)	4 Core, 16 Sq.mm + 2 run of 12 SWG GI wire.	179.00	Metre
g)	3.5/ 4 Core, 25 Sq.mm+ 2 run of 12 SWG GI wire.	216.00	Metre
h)	3.5/ 4 Core, 35 Sq.mm+ 2 run of 12 SWG GI wire.	250.00	Metre
i)	3.5/ 4 Core, 50 Sq.mm+ 2 run of 12 SWG GI wire.	326.00	Metre
j)	3.5/ 4 Core, 70 Sq.mm+ 2 run of 12 SWG GI wire.	426.00	Metre
k)	3.5/ 4 Core, 95 Sq.mm+ 2 run of 12 SWG GI wire.	520.00	Metre
l)	3.5/ 4 Core, 120 Sq.mm+ 2 run of 12 SWG GI wire.	633.00	Metre
m)	3.5/ 4 Core, 150 Sq.mm+ 2 run of 12 SWG GI wire.	737.00	Metre
n)	3.5/ 4 Core, 185 Sq.mm	908.00	Metre
o)	3.5/ 4 Core, 240 Sq.mm	1167.00	Metre
p)	3.5/ 4 Core, 300 Sq.mm	1405.00	Metre

q)	3.5/ 4 Core, 400 Sq.mm	1758.00	Metre
103	Supply and laying to site of Copper conductor PVC/XLPE insulated and PVC sheathed armoured power cable of 1.1 KV grade of following sizes as required in existing trench/pipe/cable tray.		
a)	2 Core,2.5 Sq.mm	119.00	Metre
b)	2 Core,4 Sq.mm	148.00	Metre
c)	2 Core,6 Sq.mm	188.00	Metre
d)	2 Core,10 Sq.mm	283.00	Metre
e)	4 Core, 6 Sq.mm	303.00	Metre
f)	4 Core, 10 Sq.mm	471.00	Metre
g)	4 Core, 16 Sq.mm	668.00	Metre
104	Preparation of trench for PVC/XLPE insulated and PVC sheathed armoured power cable of 1.1 KV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.	565.00	Metre
105	Providing, laying and fixing following dia RCC pipe NP2 class (light duty) in ground complete with RCC collars, jointing with cement mortar 1:2 (1 cement : 2 fine sand) including trenching (75 cm deep) and refilling etc as required.		
a)	100 mm dia.	544.00	Metre
b)	150 mm dia.	620.00	Metre
c)	250 mm dia.	727.00	Metre

106	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc as required.		
a)	50 mm dia.	555.00	Metre
b)	80 mm dia.	832.00	Metre
c)	100 mm dia.	1153.00	Metre
107	Providing and fixing following dia G.I. pipe (medium class) for protection of cable with necessary MS clamp for support complete with G.I. etc as required.		
a)	50 mm dia.	511.00	Metre
b)	80 mm dia.	748.00	Metre
c)	100 mm dia.	1022.00	Metre
MV CABLE JOINTING & END TERMINATION			
108	Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC/ XLPE insulated, PVC sheathed armoured aluminum conductor cable of 1.1 KV grade as required.		
a)	Up to 2 core 6 Sq.mm.	205.00	Set
b)	2 core 10.0 Sq.mm	205.00	Set
c)	Up to 3 core 10 Sq.mm	219.00	Set
d)	Up to 4 core 10 Sq.mm	227.00	Set
e)	4 core 16 Sq.mm	259.00	Set
f)	3.5/ 4 core 25 Sq.mm	259.00	Set
g)	3.5/ 4 core 35 Sq.mm	311.00	Set

h)	3.5/ 4 core 50 Sq.mm	341.00	Set
i)	3.5/ 4 core 70 Sq.mm	381.00	Set
j)	3.5/ 4 core 95 Sq.mm	490.00	Set
k)	3.5/ 4 core 120 Sq.mm	507.00	Set
l)	3.5/ 4 core 150 Sq.mm	575.00	Set
m)	3.5/ 4 core 185 Sq.mm	727.00	Set
n)	3.5/ 4 core 240 Sq.mm	838.00	Set
o)	3.5/ 4 core 300 Sq.mm	970.00	Set
p)	3.5/ 4 core 400 Sq.mm	1253.00	Set
109	Supplying and making outdoor end termination & cable jointing with cast resin compound including aluminium lugs and other jointing materials for following size of PVC/XLPE insulated, PVC sheathed armoured aluminium conductor cable of 1.1 KV grade as required.		
a)	3.5/ 4 core 25 Sq.mm	1379.00	Set
b)	3.5/ 4 core 35 Sq.mm	1475.00	Set
c)	3.5/ 4 core 50 Sq.mm	1475.00	Set
d)	3.5/ 4 core 70 Sq.mm	1622.00	Set
e)	3.5/ 4 core 95 Sq.mm	1755.00	Set
f)	3.5/ 4 core 120 Sq.mm	1755.00	Set
g)	3.5/ 4 core 150 Sq.mm	2370.00	Set
h)	3.5/ 4 core 185 Sq.mm	1848.00	Set
i)	3.5/ 4 core 240 Sq.mm	2751.00	Set

j)	3.5/ 4 core 300 Sq.mm	3035.00	Set
k)	3.5/ 4 core 400 Sq.mm	3483.00	Set
EARTHING & ACCESSORIES :			
110	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc with charcoal/ coke and salt etc. as required.	4178.00	Set
111	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	5332.00	Set
112	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	11111.00	Set
113	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	46.00	Metre
114	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50 mm)	884.00	Metre
115	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	135.00	Metre

116	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	1268.00	Metre
117	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	501.00	Metre
118	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	195.00	Metre
119	Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	267.00	Metre
120	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	1045.00	Metre
121	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	214.00	Metre
122	Providing and fixing 10 SWG dia G.I. wire on surface or in recess for loop earthing as required.	59.00	Metre
123	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	133.00	Metre

124	Providing and fixing 10 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ sub main wiring/ cable as required.	38.00	Metre
125	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ sub main wiring/ cable as required.	76.00	Metre
126	Providing and fixing earth bus of 50 mm X 5 mm X 300 mm copper strip on surface for connections etc. as required.	450.00	Metre
127	Providing and fixing earth bus of 50 mm X 5 mm X 300 mm GI strip on surface for connections etc. as required.	82.00	Metre
SECTION - E : MCB / MCCB / DB / SWITCHGEARS /MEASURING INSTRUMENTS ETC.			
128	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required.(But without MCB/ RCCB/ Isolator)		
a)	2 + 2 way, Single door	928.00	Each
b)	2 + 6 way, Single door	1401.00	Each
c)	2 + 10 way, Single door	1587.00	Each
d)	2 + 2 way, Double door	1473.00	Each
e)	2 + 6 way, Double door	1733.00	Each

f)	2 + 10 way, Double door	2004.00	Each
129	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/ RCCB/Isolator)		
a)	4 way (8 + 12), Single door	1778.00	Each
b)	6 way (8 + 18), Single door	2171.00	Each
c)	8 way (8 + 24), Single door	2544.00	Each
d)	4 way (8 + 12), Double door	3035.00	Each
e)	6 way (8 + 18), Double door	3208.00	Each
	Cost of items market Rate		
f)	8 way (8 + 24), Double door	4302.00	Each
130	Supplying and fixing following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, double door, duly powder painted, inclusive of tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, with provision of MCCB of capacity 125 Amps as incomer, interconnection between incomer MCCB and bus bars (but without MCB's/ MCCB) as required.		
a)	4 way TP	6149.00	Each
b)	8 way TP	7747.00	Each

131	Supplying and fixing following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, double door, duly powder painted, inclusive of tinned copper bus bar of required capacity, common neutral link, earth bar, din bar for mounting MCB's, with provision of MCCB of capacity 250 Amps as incomer, interconnection between incomer MCCB and bus bars (but without MCB's/ MCCB) as required.		
a)	4 way TP	7998.00	Each
b)	8 way TP	10066.00	Each
132	Supplying and fixing of following rating, 240/415 volts, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
a)	6/ 10/ 16/ 20/ 25/32 Amp Single pole	181.00	Each
b)	6/10/16/ 20/ 25/ 32 Amp Double Pole	479.00	Each
c)	40/ 63 Amp Double pole	1272.00	Each
d)	20/25/32 Amp Triple pole & Neutral	1007.00	Each
e)	40/ 63 Amp Triple pole & Neutral	1598.00	Each
f)	16/20/25/32 Amp Triple pole	757.00	Each
g)	40/63 Amp Triple pole	1755.00	Each
133	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	6.00	Each
134	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.		

a)	40 amps	304.00	Each
b)	63 amps	396.00	Each
135	Supplying and fixing following rating, four poles, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
a)	40 amps	672.00	Each
b)	63 Amps	731.00	Each
136	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current 100 mill amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
a)	25 amps	1737.00	Each
b)	40 Amps	2035.00	Each
137	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 300 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
a)	40 Amps	2372.00	Each
b)	63 Amps	2739.00	Each
138	Supply and fixing of MCB/ MCCB sheet metal enclosure on surface/ recess complete as required. (But without MCB/MCCB)		
a)	Up to 4 pole MCB	423.00	Each

b)	Up to 125 Amp MCCB	1804.00	Each
c)	More than 125 A MCCB & up to 250 Amp MCCB	4590.00	Each
d)	More than 250 A MCCB & up to 630 Amp MCCB	6791.00	Each
139	Providing and fixing following capacity TP&N disconnecter fuse switch unit excluding HRC complete with enclosure with ISI marked including, making connections, etc. as required.		
a)	32 Amp TP&N	1968.00	Each
b)	63 Amp TP&N	4397.00	Each
c)	100 Amp TP&N	8016.00	Each
d)	125 Amp TP&N	8736.00	Each
e)	160 Amp TP&N	11328.00	Each
f)	200 Amp TP&N	11520.00	Each
g)	315 Amp TP&N	13586.00	Each
h)	400 Amp TP&N	14892.00	Each
140	Providing and fixing following capacity 4 Pole on load changeover switch unit with sheet steel enclosure and making connections and necessary works etc. as required.		
a)	32 Amp	4777.00	Each
b)	63 Amp	4899.00	Each
d)	100 Amp	6237.00	Each
d)	125 Amp	9330.00	Each

141	Providing and fixing following capacity single pole & neutral, 240 V switch fuse unit, with re-wireable type fuse links complete as required with necessary connections.		
a)	16 Amp	875.00	Each
b)	32 Amp	1586.00	Each
142	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board/ enclosure including drilling holes in cubicle panel, making connections, etc. as required.		
a)	63 Amp, 4P, 16 kA	5414.00	Each
b)	100 Amp, 4P, 16kA	5414.00	Each
c)	125 Amp, 4P, 16 kA	5652.00	Each
d)	63 Amp, 4P, 25 kA	6436.00	Each
e)	100 Amp, 4P, 25 kA	5989.00	Each
f)	125 Amp, 4P, 25 kA	8150.00	Each
g)	160 Amp, 4P, 36 kA	8967.00	Each
h)	250 Amp, 4P, 36 kA	11545.00	Each
i)	400 Amp, 4P, 36 kA	29108.00	Each
j)	630 Amp, 4P, 36 kA	35119.00	Each
143	Replacement of the following capacity Kitkat porcelain fuse unit with base including making connections in the existing switch fuse unit.		
a)	16 Amp, 240 V	286.00	Each
b)	32 Amp, 240 V	360.00	Each

144	Supplying and replacement of the following capacity of HRC fuses in the existing switch disconnector fuse unit complete as required.		
a)	32 Amp	171.00	Each
c)	100 Amp	259.00	Each
d)	125 Amp	338.00	Each
e)	160 Amp	338.00	Each
f)	200 Amp	338.00	Each
g)	315 Amp	440.00	Each
h)	400 Amp	1109.00	Each
145	Supplying and replacement of the following spare parts for the existing switch disconnector fuse unit complete as required.		
a)	Fuse holder & fuse base assembly.	287.00	Each
b)	Switched neutral kit	1583.00	Each
c)	Inter phase barrier kit	259.00	Each
d)	Terminal shroud kit	264.00	Each
146	Supply and fixing of cable loop box with cable sleeves (IP 55 protection) fabricated out of 2 mm thick sheet steel, complete with suitable size connectors for incoming and out going cables complete as required.		
a)	Single phase, one incoming & two outgoing.	538.00	Each
b)	Three phase one incoming & two outgoing.	700.00	Each

147	Supplying and fixing, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	1348.00	Each
	<i>(Rate is exclusive of the MCB)</i>		
148	Replacing of 63Amp.DP switch fuse unit re - wireable type including cost of materials and connections.	3438.00	No.
149	Replacing of 63 Amp. DP switch fuse unit with HRC fuses including cost of materials and connections.	3983.00	No.
150	Supplying and fixing, 415 volts, TPN industrial type, socket outlet, with 4 pole and earth, metal enclosed plug top in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required. <i>(Rate is exclusive of the MCB)</i>	1113.00	Each
BUS BAR CHAMBER			
151	Providing and fixing and commissioning of the following bus bar chamber fabricated out of 1.6 mm thick sheet steel duly painted with powder coating, fully PVC insulated bus bars in convenient sections with suitable holes drilled and mounted on porcelain insulators complete as required.		
a)	Tinned copper bus bars section 25 mm x 5 mm x 500 mm – 4 nos.	3186.00	Set
b)	Tinned copper bus bar sections 50 mm x 5 mm x 500 mm long – 4 nos.	4885.00	Set
A.C. STARTER			

152	Supply and fixing power unit for AC on surface/recess complete with suitable size GI Box with modular Plate and Cover including starter, socket & plug top of adequate capacity including connection painting etc. complete as required.	2048.00	Set
153	Replacement of starter unit in the existing AC power unit including necessary connections.	657.00	Each
154	Supply & fixing of DOL starter in sheet steel enclosure with overload relay suitably selected as per motor requirements including making necessary connections & commissioning for following.		
a)	Suitable for single phase, 230 V pumps upto suitable HP. (Relay range 11 – 18 A). Comparable to L&T single phase starter type MU 2P	1365.00	Set
b)	Supply & fixing of DOL starter in sheet steel enclosure with overload relay suitably selected as per motor requirements including making necessary connections & commissioning - Suitable for three phase, 415 V pumps (Relay range 9 – 14 A) Comparable to L&T three phase starter type MK1 DOL.	1706.00	Set
c)	Supply & fixing of DOL starter in sheet steel enclosure with overload relay suitably selected as per motor requirements including making necessary connections & commissioning - Suitable for three phase, 415 V pumps (Relay range 11 - 18 A) Comparable to L&T three phase starter type MK1 DOL	1926.00	Set

155	Supply & fixing of fully automatic Star-Delta Starters with single phase prevention features in sheet steel enclosure with overload relay suitably selected as per motor requirements for pumps of capacity up to 15 H.P. including making necessary connections & commissioning.	6967.00	Set
156	Supply & fixing of fully automatic Star-Delta Starters suitable for submersible pump in sheet steel enclosure with overload relay suitably selected as per motor requirements for pumps of capacity up to 15 H.P. including making necessary connections & commissioning.	7951.00	Set
157	Supply & replacement of following spares in the existing starters including dismantling and making necessary connections complete as required.		
a)	Standard magnet coil	580.00	Each
b)	Single phase preventer relay upto 22 amps	1332.00	Each
c)	START/STOP Push Button unit pack	271.00	Each
d)	Indication lamp	174.00	Each
e)	30 A Ammeter	499.00	Each
f)	Power contactor set upto 16 amps comparable to L&T ML 1.5	1519.00	Each
158	Supply & fixing of timer operated automatic changeover switch of 25 A DP 230V for Air conditioners for automatic operation alternatively as per adjustable setting of time.	3999.00	Each
ENERGY METER & ACCESSORIES:			

159	Supply & fixing of 5 – 30 ampere capacity single phase, two wire, direct base mounting type energy meter with digital display with necessary accessories on wooden board & making necessary electrical connections. (Comparable to L&T Model: EM 101)	1316.00	Each
	Note: The contractor has to submit the Meter Sl. No., date of installation & initial reading along with the bill. The rate is inclusive of dismantling of existing meter if required.		
160	Supply & fixing of 10 – 40 ampere capacity three phase, four wire, direct base mounting type energy meter with digital display with necessary accessories on wooden board & making necessary electrical connections. (Comparable to L&T Model: EM 301)	3267.00	Each
	Note: The contractor has to submit the Meter Sl. No., date of installation & initial reading along with the bill. The rate is inclusive of dismantling of existing meter if required.		
161	Supply & fixing of 10 – 60 ampere capacity three phase, four wire, direct base mounting type energy meter with digital display with necessary accessories on wooden board & making necessary electrical connections. (Comparable to L&T make type EM301 B)	3308.00	Each
	Note: The contractor has to submit the Meter Sl. No., date of installation & initial reading along with the bill. The rate is inclusive of dismantling of existing meter if required.		

162	Supply & fixing of 5 – 10 ampere capacity three phase, four wire, CT operated base mounting type energy meter with digital display with necessary accessories on wooden board & making necessary electrical connections. (Comparable to L&T Model: EM 301, Cat No:WM301BC3C00)	3755.00	Each
	Note: The contractor has to submit the Meter Sl. No., date of installation & initial reading along with the bill. The rate is inclusive of dismantling of existing meter if required.		
163	Supply & fixing of following type of current transformers required for the respective CT operated energy meters, confirming to accuracy class 1.0 as per IS:2705-1992 including necessary connections complete as required (Comprising of 3 No. CT's per set)		
a)	Ratio: 50/5	1397.00	Set
b)	Ratio: 100/5	2129.00	Set
SECTION - F : STREET LIGHT LUMINAIRES & ACCESSORIES			
164	Supply & transporting to site the following electrical out door luminaries complete with all the accessories as required.		
a)	1 x 36 W fluorescent street light fitting with acrylic cover, copper ballast and T-8 tube. (Comparable to WIPRO Model WSH 24070)	1926.00	Each
b)	2 x 36 W fluorescent street light fitting with acrylic cover, copper ballast and T-8 tube. (Comparable to WIPRO Model WSF 15140)	2454.00	Each

c)	1 x 36 W CFL street light fitting with acrylic cover and CFL lamp. (Comparable to WIPRO Model WSF 15240)	1641.00	Each
d)	2 x 36 W CFL street light fitting with acrylic cover and CFL lamp. (Comparable to WIPRO Model WSP13236 SG)	2576.00	Each
e)	1 x 70 W Metal Halide IP 65 die- cast aluminium street light luminaire with necessary control gear/ ballast and lamp. (Comparable to WIPRO Model WSH 24070)	3308.00	Each
f)	1 x 150 W Metal Halide IP 65 die- cast aluminium street light luminaire with necessary control gear/ ballast and lamp. (Comparable to WIPRO Model WSH 25150)	4080.00	Each
g)	1 x 70 W HPSV/MH integral post top luminaire with necessary control gear/ ballast and lamp. (Comparable to WIPRO Model WPS 27070)	3023.00	Each
h)	STREET LED LIGHTS:- Supply and fixing of LED 90 Watt IP66 Protected Roadway Luminaire. The model number of CROMPTON make is LSTP-90-CDL or its equivalent make in PHILIPS and WIPRO etc.	9852.00	Each
i)	Supply and fixing of LED 60 Watt IP66 Protected Street light Luminaire. The model number of CROMPTON make is LSTP-60-CDL or its equivalent make in PHILIPS and WIPRO etc.	6803.00	Each
j)	Supply and fixing of LED 30 Watt IP66 Protected Street light Luminaire. The model number of CROMPTON make is LSTS-30-CDL or its equivalent make in PHILIPS and WIPRO etc.	3449.00	Each

k	Supply and fixing of LED 60 Watt IP66 Protected Rectangular Flood Light Luminaire. The model number of CROMPTON make is LFL-60-CDL/60 or its equivalent make in PHILIPS and WIPRO etc.	5583.00	Each
l	Supply and fixing of LED 90 Watt IP66 Protected Rectangular Flood Light Luminaire. The model number of CROMPTON make is LFLN-90-CDL/60 or its equivalent make in PHILIPS and WIPRO etc.	11158.00	Each
m	Supply and fixing of 25W LED DRIVERS. The model number of CROMPTON make is SODRVES-36-600-25W or its equivalent make in PHILIPS and WIPRO etc.	576.00	Each
n	Supply and fixing of 45W LED DRIVERS. The model number of CROMPTON make is SODVES-65-700-45W or its equivalent make in PHILIPS and WIPRO etc.	942.00	Each
o	Supply and fixing of 75W LED DRIVERS. The model number of CROMPTON make is X075C070V107FNY1BO or its equivalent make in PHILIPS and WIPRO etc.	1464.00	Each
165	Installation, testing & commissioning of HPSV / MH / CFL/ Fluorescent street light fitting on pole/wall by providing suitable size pipe for mounting, bending the pipe to the required shape and fixing with 2 nos flat metal clamps with nuts, bolts and washer, painting the clamps as required. The rate is inclusive of wiring the fitting with suitable size FR PVC wire from the junction/ cable loop box.	499.00	Each
166	Installation/Replacement of fluorescent/ HPSV/ MH street light fitting on existing pole/wall bracket including dismantling the existing fitting and commissioning complete as required.	120.00	Each

167	Supply & erection of street light pole fabricated out of 4.5 metre long 50 mm dia. G.I. pipe of B class with base plate of size 300 mm x 300 mm x 12 mm welded to the bottom of the pipe with providing necessary cement concrete foundation of 1:2:4 ratio with provision of 2 no. B class G.I. pipe of 32 mm dia. For incoming & outgoing cable in and out of pedestal in concealed manner with suitable size of water proof hinged type cable loop box with locking arrangement including necessary earth bolt for earthing. Pipe & cable loop box are to be painted with one coat of anti-corrosive red oxide and two coats of silver colour enamel paint. The pedestal shall be painted with two coats of cement paint of approved colour. <i>(Drawing to be got approved before installation)</i>	6730.00	Each
168	Supplying and fixing of following spare parts in the existing street light luminaire including replacement of defective parts, testing and commissioning complete as required.		
a)	70 W HPSV/MH lamp as required	500.00	Each
b)	150 W HPSV/ MH lamp as required.	700.00	Each
c)	Control gear/ballast suitable for 70 W HPSV/MH lamps.	900.00	Each
d)	Control gear/ ballast suitable for 150 W HPSV/MH lamps.	1280.00	Each
e)	Igniter suitable for 70W/150W HPSV/MH lamps	570.00	Each
f)	36/40 Watt tube	80.00	Each

g)	Vacuum pressure impregnated copper ballast suitable for 1 x 36W/ 40 W FTL.	250.00	Each
h)	Starter suitable for 1x 36 W/40 W FTL	30.00	Each
i)	Rotary holder for starter/tube suitable for 1 x 36 W/40 W FTL.	55.00	Each
j)	Acrylic cover for FTL/CFL street light fitting.	250.00	Each
k)	Acrylic cover for HPSV/MH street light fitting	320.00	Each
l)	36 W CFL lamp for street light	250.00	Each
169	Cleaning /overhauling of FTL/CFL/HPSV/MH street light fittings including dismantling from installed position if required and re-installing the same after completion of work.	140.00	Each
170	Cleaning /overhauling of FTL/CFL/HPSV/MH street light fittings including dismantling from installed position if required and re-installing the same after completion of work.	140.00	Each
171	Dismantling of FTL/CFL/HPSV/MH street light fittings from the existing location as directed.	54.00	Each

172	Cleaning/overhauling of FTL/CFL /HPSV/ MH fitting with two coats of synthetic enamel paint of approved colour including dismantling from installed position if required and re-installing the same after completion of work.	244.00	Each
SECTION- G: GEYSER INSTALLATION & ACCESSORIES			
173	Supply and transporting to site following capacity of storage type geysers (Vertical/Horizontal), <u>minimum BEE Three star rating</u> with features like protection against dry heating, over heating and over pressure & all accessories included as required. (Comparable to VENUS Model SPLASH-GL)		
Note: The contractor has to submit the copy of the filled in Warranty Card/ Machine Sr. No. & date of installation along with the bill.			
a)	15 Litre capacity storage Geyser	8395.00	Each
b)	25 Litre capacity storage Geyser	10394.00	Each
c)	3 Litre capacity Infant type Geyser	4640.00	Each
174	Supply and replacement of the following accessories/ spares for Storage type Geyser including dismantling of geyser and re-commissioning the unit complete as required.		
Note: Make of the spares should be as per original manufacturer			
a)	1.5 KW heating element	471.00	Each
b)	2.0/ 3.0 KW heating element	455.00	Each
c)	Indication Lamp	55.00	Each
d)	Thermostat Switch	329.00	Each
e)	Cut Out/ Reset Switch	125.00	Each

f)	HOT/COLD water flexible connection pipe (2 No. / Set)	255.00	Each
175	Installation, testing & commissioning of 15/25 Litre capacity storage type geyser (including making connections with flexible HOT/COLD water pipe) as required as per manufacturer's specification complete as required with necessary connection	355.00	Each
176	Dismantling and shifting of storage type Geyser from one place to another place as directed including installation and commissioning complete as required.	255.00	Each
177	Overhauling of existing storage/instant type geyser unit complete as required including dismantling, de-scaling, replacement of damaged gasket reassembling and commissioning.	225.00	Each
SECTION H: SITC OF PUMPS & REPAIRING/ SERVICING			
SITC OF CENTRIFUGAL MONOBLOCK PUMPS			
178	Supply, installation, testing & commissioning of following capacity & type of centrifugal mono block pump sets with necessary fittings, foundation preparation, and plumbing connections complete as required.		
a)	2 H.P. capacity suitable for single phase, 50 Hz power supply with volute type delivery casing, stainless steel shaft, cast iron impeller suitable for suction size 50 mm & delivery size 40 mm dia. pipe. Comparable to KBL Model KDS-225++ of Kirloskar make.	12326.00	Each

b)	3 H.P. capacity suitable for single phase, 50 Hz power supply with volute type delivery casing, stainless steel shaft, cast iron impeller suitable for suction size 50 mm & delivery size 40 mm dia. pipe. Comparable to KBL Model KDS-335++ of Kirloskar make.	15698.00	Each
c)	5 H.P. capacity suitable for three phase, 50 Hz power supply with volute type delivery casing, stainless steel shaft, cast iron impeller suitable for suction size 65 mm & delivery size 50 mm dia. pipe. Comparable to KBL Model KDS-538+ of Kirloskar make.	25050.00	Each
d)	7.5 H.P. capacity suitable for three phase, 50 Hz power supply with volute type delivery casing, stainless steel shaft, cast iron impeller suitable for suction size 65 mm & delivery size 50 mm dia. pipe. Comparable to KBL Model KDS-852++ of Kirloskar make.	30011.00	Each
e)	10 H.P. capacity suitable for three phase, 50 Hz power supply with volute type delivery casing, stainless steel shaft, cast iron impeller suitable for suction size 65 mm & delivery size 50 mm dia. pipe. Comparable to KBL Model KDS-1065++ of Kirloskar make.	38515.00	Each
REPAIRING/SERVICING OF CENTRIFUGAL MONOBLOCK PUMPS			
179	Attending and checking of all types & capacity of Centrifugal Monoblock/ Coupled type of pump sets at site after receiving the complaint about non-functioning and rectification of minor defects if any and making the pump set operational complete as required.	275.00	Job

180	Labour charges for dismantling all types & capacity of Centrifugal Monoblock/ Coupled type of pump sets for repairing & reinstalling & commissioning the same after necessary repairs complete as required.	555.00	Job
181	Transportation charges for shifting all types & capacity of Centrifugal Monoblock/ Coupled type/submersible pump sets from site to the workshop and back to the site complete as required after necessary repairs.	580.00	Job
182	Overhauling of the following Centrifugal Monoblock/Coupled type pump sets (Single phase/ three phase) including de-scaling of the pump casing and moving parts, thorough cleaning of pump & motor, oiling/ greasing, heating/baking reassembling, testing complete as required. The rate is exclusive of any spare parts replacement.		
a)	For pump capacity up to 5 H.P.	525.00	Each
b)	For pump capacity more than 5 H.P. & up to 10 H.P.	872.00	Each
c)	For pump capacity more than 10 H.P.	1064.00	Each
183	Re-winding of the following capacity of Centrifugal Monoblock. Coupled type pump sets (Single phase/ three phase) pump motor including cost of providing new super enameled copper winding wire of adequate size and numbers, varnishing, insulation papers, baking for required period and reassembling, testing & commissioning complete as required.		
a)	For pump capacity up to 5 H.P.	4040.00	Each
b)	For pump capacity more than 5 H.P. & up to 10 H.P.	5100.00	Each
c)	For pump capacity more than 10 H.P.	5960.00	Each

184	Replacement of worn out ball bearing including necessary repair and machining of bearing housing etc. complete as required for following capacity of Centrifugal Monoblock. Coupled type pump sets (Single phase/ three phase)		
a)	For pump capacity up to 5 H.P.	532.00	Each
b)	For pump capacity more than 5 H.P. & up to 10 H.P.	628.00	Each
c)	For pump capacity more than 10 H.P.	755.00	Each
185	Replacement of worn out impeller complete as required for following capacity of Centrifugal Monoblock. Coupled type pump sets (Single phase/ three phase)		
a)	For pump capacity up to 5 H.P.	728.00	Each
b)	For pump capacity more than 5 H.P. & up to 10 H.P.	1040.00	Each
c)	For pump capacity more than 10 H.P.	1236.00	Each
186	Replacement of worn out gland packing complete as required for following capacity of Centrifugal Monoblock. Coupled type pump sets (Single phase/ three phase)		
a)	For pump capacity up to 5 H.P.	364.00	Job
b)	For pump capacity more than 5 H.P. & up to 10 H.P.	412.00	Job
c)	For pump capacity more than 10 H.P.	460.00	Job
187	Replacement of worn out body gasket complete as required for following capacity of Centrifugal Monoblock. Coupled type pump sets (Single phase/ three phase)		
a)	For pump capacity up to 5 H.P.	340.00	Set
b)	For pump capacity more than 5 H.P. & up to 10 H.P.	364.00	Set

c)	For pump capacity more than 10 H.P.	388.00	Set
188	Replacement of worn out stainless steel shaft complete as required for following capacity of Centrifugal Monoblock. Coupled type pump sets (Single phase/ three phase)		
a)	For pump capacity up to 5 H.P.	724.00	Each
b)	For pump capacity more than 5 H.P. & up to 10 H.P.	1060.00	Each
c)	For pump capacity more than 10 H.P.	1411.00	Each
189	Replacement of worn out terminal box complete as required for following capacity of Centrifugal Monoblock. Coupled type pump sets (Single phase/ three phase)		
a)	For pump capacity up to 5 H.P.	225.00	Each
b)	For pump capacity more than 5 H.P. & up to 10 H.P.	245.00	Each
c)	For pump capacity more than 10 H.P.	269.00	Each
190	Replacement of worn out flange/body nut & bolts complete as required for all capacity of Centrifugal Monoblock. Coupled type pump sets (Single phase/ three phase)	264.00	Job
191	Painting of the entire pump set with one coat of red oxide paint & two coat of synthetic enamel paint of approved shade & quality including cleaning the surface making smooth finish complete as required for all capacity of Centrifugal Monoblock. Coupled type pump sets	389.00	Job
BOREWELL SUBMERSIBLE PUMP SET (REPAIRING/ SERVICING)			

192	Labour charges with required tools & plants for lifting & dismantling of all types & capacity of submersible pump set existing bore complete as required & lowering & installation of the same in the existing bore well after necessary repairs and including making necessary electrical/plumbing connections and megger testing, commissioning the same.	7500.00	Job
193	Overhauling of the following vertical type bore well submersible pump sets/ open well submersible pump sets including dismantling the stages, end covers of pump sets, descaling of the pump casing and all moving parts, thorough cleaning of pump and motor, oiling, greasing, checking all the components, reassembling the entire pump set, testing & commissioning complete as required. <i>(The rate is exclusive of any spare parts replacement.</i>		
a)	For pump set capacity up to 5 H.P.	685.00	Job
b)	For pump set capacity more than 5 H.P.	925.00	Job
194	Replacement of worn out impeller for the existing submersible type pump sets of following capacities including dismantling, assembling, testing & commissioning complete as required.		
a)	For pump set capacity up to 5 H.P.	925.00	Job
b)	For pump set capacity more than 5 H.P.	980.00	Job
195	Replacement of worn out bush bearing for the existing submersible type pump sets of following capacities including dismantling, assembling, testing & commissioning complete as required.		
a)	For pump set capacity up to 5 H.P.	385.00	Job
b)	For pump set capacity more than 5 H.P.	535.00	Job

196	Replacement of worn out stainless steel shaft for the existing submersible type pump sets of following capacities including dismantling, assembling, testing & commissioning complete as required.		
a)	For pump set capacity up to 5 H.P.	1065.00	Job
b)	For pump set capacity more than 5 H.P.	1400.00	Job
197	Replacement of worn out thrust bearing for the existing submersible type pump sets of following capacities including dismantling, assembling, testing & commissioning complete as required.		
a)	For pump set capacity up to 5 H.P.	965.00	Job
b)	For pump set capacity more than 5 H.P.	1065.00	Job
198	Rewinding of the existing 3 phase, 415 V pump set motor including cost of providing submersible insulated copper wire of adequate gauge, insulation paper/film and other required materials as required for the existing submersible type pump sets of following capacities including dismantling, assembling, testing & commissioning complete as required.		
a)	For pump set capacity up to 5 H.P.	4500.00	Job
b)	For pump set capacity more than 5 H.P.	5500.00	Job
199	Supply & laying of following PVC insulated copper conductor flat submersible cables and necessary terminations complete as required.		
a)	3 Core, 1.5 Sq.mm.	85.00	Metre
b)	3 Core, 2.5 Sq.mm.	111.00	Metre
c)	3 Core, 4.0 Sq.mm.	159.00	Metre

d)	3 Core, 6.0 Sq.mm.	223.00	Metre
200	Surging of existing tube well by compressor (at least 7.5 Hrs /Day) inclusive of necessary labour charges, tools and tackles, accessories complete as required.	4800.00	Day
201	Supply & fixing of 5KVAR fixed capacitor bank of 440V to be connected in the existing panel including all necessary fixing arrangement, modification etc. Make: LT-XL type of L&T make, BOX TYPE. Or Its equivalent.	4562.00	set
a)	do- but 10 KVAR capacitor bank.	7473.00	Set
b)	do- but 15 KVAR capacitor bank.	11047.00	Set
c)	do- but 25 KVAR capacitor bank.	16812.00	Set
202	Supply & fixing of capacitor duty contactor with damping resistor to be connected in the existing panel including all necessary fixing arrangement, modification etc. as follows		
a)	Capacitor duty contactor equivalent to L&T make type MO C 5 KVAR (10 Amps)	2674.00	Set
b)	Capacitor duty contactor equivalent to L&T make type MO C8.5 KVAR (20 Amps)	4227.00	Set
c)	Capacitor duty contactor equivalent to L&T make type MO C12.5 KVAR (25 Amps)	2873.00	Set
d)	Capacitor duty contactor equivalent to L&T make type MO C15 KVAR (30 Amps)	3824.00	Set

e)	Capacitor duty contactor equivalent to L&T make type MO C20 KVAR (40 Amps)	4345.00	Set
f)	Capacitor duty contactor equivalent to L&T make type MO C25 KVAR (50 Amps)	5800.00	Set
g)	Capacitor duty contactor equivalent to L&T make type MO C33.5 KVAR (70 Amps)	9500.00	Set
h)	Capacitor duty contactor equivalent to L&T make type MO C50 KVAR (100 Amps)	13062.00	Set
203	Supply & fixing of APFC relay equivalent to LT make etaCON L8, 8 stage 3 phase sensing in the existing panel including all necessary fixing arrangement, modification etc. as required	21231.00	No.
204	Supply & fixing of APFC relay equivalent to LT make etaCON L12, 12 stage 3 phase sensing in the existing panel including all necessary fixing arrangement, modification etc. as required	23028.00	No.
205	Supply & fixing of APFC relay equivalent to LT make RPM 16, 16 stage 3 phase sensing in the existing panel including all necessary fixing arrangement, modification etc. as required	32525.00	No.
206	Supplying, installation, testing and commissioning of Astronomical time switch of following configuration to be mounted in feeder pillars / Lighting DBs /AC for automatic switching ON & OFF of street lights at Sun set & Sun rise/ A.C or twilight (Auto OFF, Auto modes) with manual override facility with 12/24 hours display format with suitable battery and indication for relay status i/c programming at site complete as required.		
i	1 output per phase and suitable for single phase supply.	3657.00	Each

ii	2 output per phase and suitable for single phase supply	7535.00	Each
iii	3 output (1 output per phase) per phase and suitable for three phase supply	8831.00	Each
207	Supply & installation of 150 AH, 12 V, led acid battery of EXIDE make for Inverter.	15000.00	Each
208	Provision of distrill water for battery	15.00	Ltr.
209	Supply & installtion of Inverter cum battery stand	1200.00	Each
MISCELLANEOUS ITEMS			
210 a	Attending break down calls such as short-circuit, blown out fuses, disruption of power supply etc. complete as required excluding cost of materials when directed by Engineer-in-charge.	350.00	Each

b	Attending break down calls such as short-circuit, blown out fuses, disruption of supply etc. complete as required excluding cost of materials when directed beyond office hours (after 5:30 PM & before 9:30 AM) and holidays as & when instructed.	800.00	Each
211	Deputing following persons for a day (8 Hrs.) for attending/checking electrical installations as and when instructed by the Engineer-in-charge.		
a)	Wireman.	673.00	Each
b)	Khallasi	553.00	Each
212	Arranging for testing of any type of earth station with earth megger and submitting the report as directed.	1000.00	Each
213	Making necessary arrangement for temporary power supply for any premises/work, including providing & fixing of necessary wiring & switchgear & dismantling of the same after completion of work as directed.	2000.00	Each
214	Supplying, installation, testing and commissioning of Passive Infrared (PIR) technology based occupancy sensor having high performance, non regulating programmable type, suitable for connected load upto 10Amp, for mounting height up to 2.8 mtr and for 5 m diameter coverage area along with necessary fixing arrangements i/c programming at site etc. complete as required.	4538.00	Each

215	Supplying, installation, testing and commissioning of Passive Infrared (PIR) technology based occupancy sensor with day light dimming (lighting level shall be regulated as per availability of natural day light in an area along with occupancy detection.) having high performance, regulating programmable type, suitable for connected load upto 10Amp, for mounting height up to 2.8 mtr and for 5 m diameter coverage area along with necessary fixing arrangements i/c programming at site etc. complete as required.	6325.00	Each
216	Disconnection of Removing & re installation at new location the UPS/Inverter output DB Directly on wall /column or on panel as directed at site including incoming and outgoing connection	1500.00	JOB
217 a)	Charges for transformer oil filtration	25.00	ltr
b)	Charges for topping up additional transformer oil	155.00	ltr
c)	Charges for testing of transformer oil for break down strength and or any other test as advised from the approved laboratory (The testing charges paid to laboratory shall be reimbursed separately after obtaining the test report etc complete)	1500.00	Each
d)	Providing and fixing metal caution board in English & hindi and local language if any.	150.00	Each

e)	Supply, installation, testing & commissioning of Horn gap fuse links, 3Phase with fuse,heavily tinned nonferrous metal parts bronze contact complete. The rates shall be inclusive of fuse elements of suitable capacity as reqd	6000.00	Each
f)	SITC of 11KV Gang operated horizontal type single Air break outdoor AB switch shall confirm tro IS-1818 of 1972 and its latest version mounted on existing MS channel of DP structure.	7000.00	Each
g)	Supply, erection, testing & commissioning of 9KV (RMS), 5KA lighting arrester for alternator current system non linear resister for suitable for 11KV, 3phase (3nos) earthed system mounted on existing DP structure with all accessories interconnection etc as reqd for the work complete.	2000.00	Each
h)	Supply & Installation of 11KV pin insulator alongwith required hardware such as nut bolts. Clamps to be fixed on angle, channel etc.	300.00	Each
i)	Supply & Installation of 11KV stringe / disc insulators complete with hardware fitting & accessories required for installation on the 11 KV "V" / straight cross arm.	450.00	
218	Shifting of 3/5/7.5/10 KVA UPS (without Battery) to desired location out side from the HQ up to range of 10 KM	1550.00	Each
219	Shifting of 3/5/7.5/10 KVA UPS (with Battery) to desired location out side from HQ to more than 10 KM	2000.00	Set
DEPUTING ELECTRICIAN			
220	Rendering services of one licensed electrician for the jobs without material for one day.	739.00	day



PRICE BID

Tender for Annual Rate Contract (ARC) of Electrical work for Repair, maintenance and additions/ alterations for Builder SITC (supply, Installation, Testing & Commissioning) of Electrical specified work for LIC buildings/ properties Own /rented /leased under Divisional Office Begusarai for the Financial Year from 2025-2026, 2026-27 & 2027-28

S.no	Location of properties	% (below/ at par/ above)	In words
1	Divisional Office, all Branch Offices, Satellite Offices, Guest House, RMF centre and any other running offices under Begusarai Division.		

I/ We quote percentage rate (% rate In words and figure) above* / below* / at par* with the estimated schedule of rates as mentioned in tender :-

Date :

Place :

Signature of the Contractor with seal

Name of Proprietor/ Contractor-

Detail Address of contractor -