



ASSAM UNIVERSITY: SILCHAR
NOTICE INVITING e-TENDER

Assam University, Silchar, invites online tender with a validity period of 90 (Ninety) days from the date of receipt of tender in prescribed format available in website www.aus.ac.in. (click e-tender) or <https://mhrd.euniwizarde.com> or <https://eprocure.gov.in/epublish/app> from the Govt. registered contractors having electrical Registration of Central Government/State Government/PSU of appropriate class and category having valid registration with processing fee as applicable and stated below (Non-refundable) , for the following work :-

Name of Work	Estimated Cost	Time of Completion	EMD (inRs)	Tender Processing Fee	Application / Form Fee	Last date of submission of e-tender	Date and Time of online Technical Bid Opening	Date and Time of online Price Bid Opening
E-Tender for round the clock electrical annual maintenance works, at Assam University Silchar.	Rs. 36,23,665/-	1 Year	Rs. 72,473 /-	Rs. 3623 + GST (18%)-	Rs. 500/-	05-10-2021 At 11.00 A.M	05-10-2021 At 11.30 A.M	05-10-2021 At 12.00 P.M

The eligible Contractor who are financially sound and proficient in the similar nature of works are to quote their rate **in Item Rate Basis** and rate should be inclusive of all taxes & is not available, incidental charges. Self-attested copy of (i) Valid registration certificate (ii) PAN Card (Where PAN of the deductee Tax at higher of the prescribed rate or 20% will be deducted on all transactions) (iii) GST Registration (iv) Work experience on similar nature of work, (v) Bank solvency certificate, (vi) EPF registration (with last challan receipt copy), are to be enclosed/uploaded with the tender without which the tender will not be accepted. The interested bidder may examine the nature of work available in Engineering Section and visit the site to satisfy them about the scope of the work before submitting the tender. The duly filled in tenders can be submitted online up to **11.00 AM of 05-10-2021**. Tenders will be opened **05-10-2021 at 11.30 AM** in presence of the tenderers or their authorized representatives.

The detail NIT may be downloaded from university website www.aus.ac.in or <https://mhrd.euniwizarde.com> or <https://eprocure.gov.in/epublish/app>. Mandatory Tender application/Form fee of Rs.500/- (Five hundred only) in the form of demand draft drawn in favor of Assam University, Silchar, payable at Silchar from a scheduled /nationalized bank only, failing which the tender will not be accepted. Kindly submit your bid / tender giving rate in **Item Rate** basis along with terms and conditions through online mode only on e-Procurement portal <https://mhrd.euniwizarde.com> on or before Last of submission of bid. If the office remains close for any reason, the tender will be received/opened on next working day at same time and place. The University does not bind itself to accept lowest tender and reserves the right to reject any or all the tenders received by recording clear, logical reasons. Canvassing in any form will be a disqualification for submission of the tender including submission of tender to the university in future.

Executive Engineer

File No. AU/Engg/Maint/Elect/35/2019(PT-1)

Date: 24-10-2021

Copy to:-

1. PS to VC for kind information of the Hon'ble Vice-Chancellor.
2. PS to Finance Officer for kind information of the Finance Officer.
3. Director, Computer Centre for information & with a request to upload the aforesaid notice in University website
4. Notice Board.
5. File

Section Officer (Engg)

SEEMANT
A PAUL

Digitally signed by
SEEMANTA PAUL
Date: 2021.09.24
16:27:47 IST



TECHNICAL BID

**e-TENDER FOR ROUND THE CLOCK ELECTRICAL ANNUAL MAINTENANCE
WORKS, AT ASSAM UNIVERSITY, SILCHAR.**



ASSAM UNIVERSITY, SILCHAR

(A Central University Established by an Act of Parliament)

Silchar-788011, Assam, India.

Certified that this Technical Bid contains **(62)** pages including the cover page.



APPLICATION FORM FOR TENDER

UNDERTAKING

I / We have read and understood the instructions and the terms and conditions contained in the application form. I / We do hereby declare that the information furnished in the application and in the supplementary sheets is correct to the best of my/our knowledge and belief.

Name (in Block Letter):

Designation:

Complete Postal Address:

E-mail:

Phone No.:

Mobile No.:

Place:

Date:

Signature of Applicant:

Seal of Office:

To

The Executive Engineer

Assam University, Silchar

Silchar – 788 011.



ASSAM UNIVERSITY, SILCHAR

(A Central University Constituted under Act. XIII of 1989)
Silchar – 788011, Assam, India.

NIT No. AU/Engg/Maint/Elect/35/2019(PT-1)

Date: 24.09.2021

NIT/ E-TENDER

Name of work: e-TENDER FOR ROUND THE CLOCK ELECTRICAL ANNUAL MAINTENANCE WORKS, AT ASSAM UNIVERSITY, SILCHAR

- Application/Form Fee: **Rs.500/-**
- Estimated Cost: **Rs.36, 23,665.00 /-**
- Earnest Money: **Rs.72, 473.00 /-**
- Tender Processing Fee payable to ITI Limited: **Rs. 3623 + GST (18%)**
- Last date of submission online of tender: 05.10.2021 up to 11.00 A.M.
- Date and Time of online Technical Bid Opening: 05.10.2021 up to at 11.30 A.M.
- Date and Time of online Price Bid Opening: 05.10.2021 up to 12:00 P.M.



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MANDATORY DOCUMENTS

Following Self-Attested Certificates along with self-attested copy of the tender document must be scanned and uploaded:

1. Valid Registration Certificate of Central Govt. / State Govt. /PSU, as per pro forma 2(a).
2. APDCL Contractor Empanelment Certificate for working up to voltage level of 11KV.
3. Electrical License (Class-II) issued by Electrical Licensing Board for appropriate voltage level suitable for working at 11KV& 440/220V.
4. EPFO registration details with latest fee deposit challan copy
(Payment of wage month must be within two months from last date of submission of bid)
5. Certificate in respect to satisfactory *Annual maintenance works/completion of Internal or External Electrical Works* under Central Govt./ State Govt. / Central Autonomous Bodies/ Central PSU/APDCL Department during last 7(Seven) years ending 01/09/2021, as per pro forma 3(a).
 - i. Three works costing not less than the amount equal to 40 % of estimated cost. **Or**
 - ii. Two works costing not less than the amount equal to 60 % of estimated cost. **Or**
 - iii. One work costing not less than the amount equal to 80 % of estimated cost.
6. Financial Solvency certificate @ 40% or more of the estimated cost for each work, Bank solvency from nationalized/ scheduled Bank within one year from date of publication of NIT as per Prescribed [Proforma-2(b)]
7. GST Registration No
8. PAN Details.

Note:

- 1) The Technical Bid shall be instantly rejected, if any of the above documents are not scanned uploaded online in the e-tendering portal.
- 2) The Bidders are required to submit the print copy of the above uploaded documents duly self-certified along with the proof towards payment of tender document cost and EMD submitted.
- 3) Works completion Certificate should be issued by officer not below the rank of Executive Engineer or equivalent. Work order shall not be considered as proof for works completion.

Signature of Agency / Contractor



SECTION -1

NIT No. AU/Engg/Maint/Elect/35/2019(PT-1)

Date: 24.09.2021

NOTICE INVITING e-TENDER.

Online Item rate tenders in two bid systems valid for 120 days are invited from Registered Electrical Contractors having valid registration & license of Central Govt. / State Govt. /PSU of appropriate class and category for the works **" E-Tender for round the clock electrical annual maintenance works, at Assam University Silchar."** of estimated amount **Rs.36,23,665.00**. Kindly submit your bid / tender giving lowest rates per unit along with terms and conditions through online mode only on e-Procurement portal <https://mhrd.euniwizarde.com> or before Last of submission of bid is 05.10.2021 up to 11.00 A.M. The tender forms and other details can be obtained from the websites www.aus.ac.in. or <https://mhrd.euniwizarde.com> or <https://eprocure.gov.in/epublish/app>

**Sd/-
Executive Engineer**



TENDER CONDITIONS.

1. The Tenderer shall quote his rate as per NIT & the Terms and Conditions enclosed in the Tender document.
2. Tender Documents can be downloaded from www.aus.ac.in or <https://mhrd.euniwizarde.com> or <https://eprocure.gov.in/epublish/app>. Mandatory Tender application/Form fee of **Rs.500/- (Five hundred only)** in the form of demand draft drawn in favor of Assam University, Silchar, payable at Silchar from a scheduled /nationalized bank only, failing which the tender will not be accepted.
3. **The Earnest Money Deposit (EMD) of Rs. 72,473/- (Rupees Seventy-Two thousand Four hundred and seventy-three) only** mentioned above is absolutely mandatory. EMD may be submitted in the form of **Bank Draft/ FDR /Call Deposit drawn in favor of the Assam University, Silchar** from a scheduled /nationalized bank only, failing which the tender will not be accepted. Soft copy of such EMD be uploaded while submitting the tender and hard copy of the EMD has to be submitted to Engineering Section, AUS on or before the Day of tender opening.
4. **Mode of Submission of tender Document:**
 - a) **EMD to be sealed in Envelop No-1**
 - b) **Envelop No-2 should contain following documents :-**
 - i) **self-attested registration certificate,**
 - ii) **self-attested PAN Card,**
 - iii) **self-attested GST Registration,**
 - iv) **self-attested EPF registration, copy of last chalan,**
 - v) **self-attested work experience certificate once similar nature of work,**
 - vi) **self-attested bank solvency certificate.**
 - c) **Envelop No-1 & 2 to be inserted in a single Envelop No-3 properly sealed with wax and super scribing Name of Work, Closing Date & Name of Agency/Contractor on the cover of the Envelop No-3**
5. Tenders should be valid for 120 days from the date of opening of the tenders and may have to be extended further if considered necessary by the University. No reasons will be assigned for extension and no withdrawal shall be allowed. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, which-ever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the University, then the University shall, without prejudice to any other right or remedy, be at liberty to forfeit the said Earnest Money Deposit.
6. **The time allowed for completing the work will be the period under consideration for providing the AMC services.**
7. Tenderer are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the risks, contingencies and other circumstances which may influence or affect their tender. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents and has made himself aware of the scope and specifications of the work to be done and other factors having bearing on the execution of the work.
8. The parties have to ensure the receipt of bids well in time.



9. If the date of tender submission and opening happens to be unforeseen holiday, the same will be postponed to the next working day without any further intimation.
10. The University does not bind itself to accept lowest tender and reserves the right to reject any or all the tenders received without assigning of any reason thereof. All tenders in which any of the prescribed condition is not fulfilled or any condition put forth by the tenderer shall be summarily rejected.
- 11. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tender submitted by the contractors who resort to canvassing will be summarily rejected.**
12. The competent authority on behalf of the University reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
13. This Notice Inviting Tender shall form a part of the contract document.
14. The successful tenderer/ contractor, on acceptance of his tender by the University, shall within 15 days from the stipulated date of start of the work sign the contract agreement in standard form consisting of the notice inviting tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
15. No materials will be supplied by the University.
16. The contractor shall obtain a valid license under the contract labour (R&A) Act, 1970, and the contract labour central rules 1971, before the commencement of the work, and continue to have a valid license until the completion of the work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986 and other labour laws. Any failure to fulfill this requirement shall attract the penal provisions of this contract arising out of the resultant no execution of the work. No labour below the age of fourteen years shall be employed on the work.
17. During Opening of tender only representative duly authorized by the agency / contractor will be allowed to be present.
18. All relevant documents submitted with the tender should be self-attested (by the agency/ contractor) and on demand original copy must be produced failing which tender will not be considered.
19. Authenticity of signatory (contractor) of tender document will be verified before finalization of tender document.
20. Tax at higher of prescribed rate or 20% will be deducted on all transactions liable to TDS, where the permanent Account Number (PAN) of the deducted is not available.
21. In case of any dispute, it would be referred to a sole Arbitrator to be appointed by the University authority. The decision of the sole Arbitrator will be final and binding to both the parties.

22. Performance guarantee

(a) The successful tenderer, shall deposit an amount equal to **5.00%** of the tendered and accepted value of the work as performance guarantee in one of the following forms:-

- I. Deposit at Call Receipt/Banker's Cheque /Demand Draft/Pay Order of a Scheduled Bank.
- II. Fixed Deposit Receipt (FDR) of a Scheduled Bank.



III. An irrevocable bank guarantee bond of any scheduled bank or the State Bank of India in the Prescribed form given in Annexure.

(b) The time allowed for submission of the performance guarantee by the contractor shall be period ranging from 4 to 15 days of issue of the work. The performance guarantee shall be repayable after 3(three) month of the expiry / termination of the contract after deduction of penalty /other dues if any.

23. EMD of unsuccessful bidder shall be released within 02 (two) months after issue of work order to the successful bidders.
24. If the work is found not as per specification or abandoned by the executing contractor/agency, same will be cancelled and remaining work will be done through other contractor/agency at their cost & risk.
25. **At any time prior to the deadline for submission of bids, the University may, if necessary, modify the tender document by a written amendment. All prospective Tenders will be notified of the amendment which will be binding to all the bidders. The amendments will be notified on the websites, <https://mhrd.euniwizarde.com> or www.aus.ac.in.**
26. **The bidders are advised to get themselves registered on the e-Procurement portal at least a week before the scheduled date and time of bid submission. This will help the new bidders/vendors to get familiar with the e-Procurement portal. The bidders must arrange computers/laptop, high speed internet and other equipment etc. required for bid submission. For more details visit <https://mhrd.euniwizarde.com>**
27. **Those bidders who accept the above terms and conditions, may submit their tender along with all relevant documents and a copy of above terms and conditions of the tender duly signed**

**Sd/
Executive Engineer**



SECTION-2

PROFORMA – 2(a)

DETAILS OF CONTRACTOR'S REGISTRATION

1. Name of Agency/ Contractor :
2. Name of the Department issued contractor's registration :
3. Registration No :
4. Class of Registration :
5. Category of Registration
6. Valid Electrical License Registration No :
7. Tender limit :
8. Validity period :

Copy of Registration certificate to be enclosed

Signature of Agency/ Contractor



PROFORMA -2(b)

FORM OF SOLVENCY CERTIFICATE FROM A SCHEDULED BANK

This is to certify that to the best of our knowledge and information M/S/ Sri -----
----- having marginally noted address, a customer of our bank are /is
respectable and can be treated as good for any engagement up to a limit of Rs-----
(Rupees-----)

This certificate is issued without any guarantee or responsibility on the Bank or any of the officers.

(Dated Signature)

For the Bank

Note: In case of partnership firm, certificate to include names of all partners as recorded with the bank.

Signature of agency / contractor



PROFORMA – 3(a)

List of Similar nature of works executed during **preceding 7 years**

Sl. No	Name of work with brief particular thereof	Date of Commencement	Date of Completion as per work order	Actual date of completion	Contract Amount (Russ)	Name of client, contact with his complete address Phone No.

Add extra sheet if required

Sign of the company/Contractor

Date:

Note: Original or self-attested copies of work order & completion certificates from client shall be attached.



PROFORMA – 3 (b)

3. B List of ongoing works:-

Sl.No	Name of work with brief particular thereof	Date of commencement	Date of completion as per work order	Contract Amount (Rs)	Name of client , contact with his complete address and Phone No.

Add extra sheet if required.

Seal & Signature of the
company/Contractor

Note: Original or self-attested copies of work order from client shall be attached.



TENDER

I/We have read and examined the notice inviting tender, schedule, specifications applicable, General Rules and Directions, Conditions of contract and special conditions , schedule of rate and other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work .

I/We hereby tender for the execution of the work specified for AU, Silchar within the time specified and in accordance in all respects with the specification, designs drawings and instructions in writing referred to in General Rule and Directions and in the conditions of contract and with such materials as are approved by the University Authority, and in respects in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for 120 days from the due date of submission thereof and not make any modifications in its terms and conditions.

A sum of **Rs. 72,473/-** is hereby forwarded in FDR/ Call deposit in favor of Assam University, Silchar of scheduled Bank as earnest money. If I/We, fall to commence the work specified I/We agree that the A.U., Silchar or his authorized officer successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to therein and to carry out such deviations as may or orders, up to maximum of the percentage mentioned in the conditions of contract and those in excess of limit at the rates to be determined in accordance with the provision mentioned in the tender form.

I/We agree that should I/We fall to commence the work specified in the above memorandum, an amount equal to the amount of the earnest money mentioned in the form of the invitation of tender shall absolutely be forfeited to the Silchar and the same may be the option of the competent authority on behalf of the A.U. Silchar be recovered without prejudice to any other right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/ us under this contract or otherwise.

Date

Signature of Contractor

Postal Address & Tele No.



SECTION –3

SCOPE, TERMS & CONDITIONS OF ELECTRICAL ANNUAL MAINTENANCE WORKS AT ASSAM UNIVERSITY SILCHAR.

Eligibility criteria:

1. The contractor should have valid registration of Central govt./State Govt./PSU for execution of Internal or External Electrical Works of requisite value.
2. Registration/Empanelment certificate APDCL for working up to voltage level of 11KV.
3. EPFO registration details.
4. Electrical License issued by Electrical Licensing Board for appropriate voltage level suitable for working at 11KV, 440/220V.
5. The contractor should have experience in providing electrical maintenance works in large premises of Govt. /Semi Govt./PSU/Central Govt. Educational Institutions.
6. The bidder should produce Banker's solvency certificate of 40% of the works estimated value minimum. Solvency certificate issued in the current financial year.
7. The contractor should have qualified Supervisors / ITI trained / License Holder Electricians/ with required formal qualifications to attend the job round the clock.
8. As the nature of the works requires regular supervision and continuous materials supply as per site requirement, the contractor should have permanent office in Silchar.
9. The contractor should have valid registration with all Statutory Authorities such as Registrar of firms, Central/state Labour Dept., ESI, PF, GST, etc.
10. The track record of the contractor should be clean and he should not have any involvement in any illegal activities.
11. The Contractor should submit documentary evidence in support of fulfilling eligibility criteria mentioned above including performance certificate from clients. For proof of completion of similar works, work order will not be considered as a proof of completion.

Scope and Works Schedule:

Scope: The successful bidder shall be responsible to execute the AMC Electrical works in the University campus as per the instructions of the Engineering Section. The list of University buildings are detailed in annexure A.

As the AMC works shall span over the entire year—the bidder shall be required to execute any upward/downward *deviation in quantities* of the Price Bid Electrical Items as per the actual requirements and directions of Engineering Section and the bidder shall not be eligible to claim any deviation cost.

The bidders shall be vigilant to Electrical Safety Standards and execute Electrical repair maintenance works expeditiously to assist official and academic activities of the University. The list of approved brand of material is detailed at Annexure B



Works schedule:

1. Electrical Maintenance of 11/44 KV distribution transformer along with associated 11 KV HT lines and 3ph/1-ph LT power lines:

- i. Maintenance and repairing of DO fuse.
- ii. Maintenance and repairing GOAB switch.
- iii. Jointing of ASCR/AAAC 11 KV conductor.
- iv. Stringing of ASCR/AAAC 11 KV conductor.
- v. LA maintenance and replacement.
- vi. Replacement of 11 kV pin and disc insulators.
- vii. Replacement of LT pins and shackle insulators.
- viii. Earthing maintenance and repairing works.

2. Electrical Maintenance works for Academic Buildings.

In this category various academic buildings will be covered. The AMC provider will provide round the clock service for all the academic buildings. The following works are to be attended in all the class rooms, lab rooms, office rooms, and other common facility rooms of the department or as directed by Engineering Section.

- I. Repair and replacement of tube lights, bulbs, chokes & starters.
- II. Oiling, greasing of fans/repairing/replacement of capacitor (ceiling and exhaust) as and when required.
- III. New wirings/Rewiring of circuit wiring point wiring on need basis
- IV. Maintenance service will include up keeping and tightness of all Fittings /D.B./Panel Board / Fixture and Installations in tidy and perfect working condition.
- V. Replacement of fuses/MCB/MCCB/Isolators (all types) repair/replacement of faulty switches, holders, screws etc.
- VI. Checking of earthing system to make it functional and effective.
- VII. The successful bidder has to ensure periodic cleaning of all the fitting and fixtures.

3. Electrical Maintenance works for Hostels.

In this category various hostel buildings will be covered. The AMC provider will provide round the clock service for all the hostel buildings. The following works are to be attended in all the Common rooms, corridors, toilets, and other common facility rooms of the hostel or as directed by Engineering Section.

- I. Repair and replacement of tube lights, bulbs, chokes & starters.
- II. Oiling, greasing of fans/repairing/replacement of capacitor (ceiling and exhaust) as and when required.
- III. New wirings/Rewiring of circuit wiring point wiring on need basis
- IV. Maintenance service will include up keeping and tightness of all Fittings /D.B./Panel Board / Fixture and Installations in tidy and perfect working condition.
- V. Replacement of fuses/MCB/MCCB/Isolators (all types) repair/replacement of faulty switches, holders, screws etc.
- VI. Checking of earthing system to make it functional and effective.
- VII. The successful bidder has to ensure periodic cleaning of all the fitting and fixtures.



VIII. The successful bidder has to ensure periodic cleaning of all the fitting and fixtures.

4. Electrical Maintenance works for Residential Quarters.

In this category various teaching and non-teaching residential buildings will be covered. The AMC provider will provide round the clock service for all the quarter buildings. The following works are to be attended in all the Common rooms, corridors, building compound lights, and other common facility rooms, corridor etc. of the building or as directed by Engineering Section.

- I. Repair and replacement of tube lights, bulbs, chokes & starters.
- II. Oiling, greasing of fans/repairing/replacement of capacitor (ceiling and exhaust) as and when required.
- III. New wirings/Rewiring of circuit wiring point wiring on need basis
- IV. Maintenance service will include up keeping and tightness of all Fittings /D.B./Panel Board / Fixture and Installations in tidy and perfect working condition.
- V. Replacement of fuses/MCB/MCCB/Isolators (all types) repair/replacement of faulty switches, holders, screws etc.
- VI. Checking of earthing system to make it functional and effective.

5. Electrical Maintenance works for Common facility Buildings.

In this category various common facility buildings will be covered. The AMC provider will provide round the clock service for all the common facility buildings. The following works are to be attended.

- I. Repair and replacement of tube lights, bulbs, chokes & starters.
- II. Oiling, greasing of fans/repairing/replacement of capacitor (ceiling and exhaust) as and when required.
- III. New wirings/Rewiring of circuit wiring point wiring on need basis
- IV. Maintenance service will include up keeping and tightness of all Fittings /D.B./Panel Board / Fixture and Installations in tidy and perfect working condition.
- V. Replacement of fuses/MCB/MCCB/Isolators (all types) repair/replacement of faulty switches, holders, screws etc.
- VI. Checking of earthing system to make it functional and effective.

VII. The successful bidder has to ensure periodic cleaning of all the fitting and fixtures.

6. Electrical Maintenance works for Street Lights and compound lights.

In this category all street light & compound light fittings and fixtures will be covered. The AMC provider will provide round the clock service for all the street lights and compound light fittings. The following works are to be attended or as directed by Engineering Section.

- I. The successful bidder shall be responsible for maintaining all the street light fitting and fixture in good working condition.
- II. The successful bidder has to ensure periodic cleaning of all the fitting and fixtures.
- III. Maintenance of sodium vapour lamp including replacement if required for ballasts, igniters, capacitor, lamps, MCB and loop box connection.
- IV. Replacement of Halogen lamp, CFL, metal halides, T5 fittings, LED etc.



V. Replacement of 3.5-core U.G. cable from pole to pole over a span of length if, required.

7. Electrical Maintenance works for sub-station's panel board, feeder pillars.

The following works are to be attended on routine basis and as directed by Engineering Section. The successful bidder should operate and maintain all the electrical switchgears installed in good condition.

- i. Bus-coupler
- ii. 400 A Main Switches
- iii. 300 A Main Switches
- iv. 200 A main Switches
- v. 125 A main Switches
- vi. 100 A main switches
- vii. HRC fuse, contact points, insulation grid, nut & bolt and washers if required.
- viii. Lugs for incoming and outgoing cable.
- ix. Bus bar strip
- x. G.O.switch
- xi. Dropout switch
- xii. Bus bar strip
- xiii. Transformer oil
- xiv. Transformer barrel fuse.

8. Electrical Maintenance works for LT line and UG Cable.

The successful bidder should operate and maintain the LT overhead lines and UG cables installations. The successful bidder shall be required to carry out the following works as per direction of the Engineering section.

- i. Jointing/Replacement of U.G. cable
- ii. Replacement of span of overhead L.T. line by ACSR/AAAC conductor.
- iii. Repairing and replacement of insulators, M.S. channel, clamp etc.
- iv. Stringing/ Re stringing of LT line(ACSR/AAAC) to maintain appropriate sag
- v. Material as required shall be provided departmentally

For list of buildings of Assam University Silchar, refer to Annexure.A

9. Preventive Maintenance

- i. Preventive maintenance of all electrical installations to be carried out in a well-planned manner with periodicity in general or as directed.
- ii. Servicing of all panels, DB's on monthly basis.
- iii. Routine preventive maintenance works such as checking and lightening of electrical wiring connections/joints and replacing accessories as and when required.

10. Cleaning

- i. Cleaning and checking of all electrical appliance as light fittings, ceiling/exhaust fans, switchboard, cable boxes, panel board etc., once in a quarter.



- ii. Cleaning of the meter/MCCB/Feeder Pillars/distribution boards located at various locations on monthly basis.
- iii. Cleaning of LT/HT panel room, transformer room etc. These areas should be kept neat and clean.

AMC SERVICE TERMS AND CONDITIONS:

1. AMC will be for a period of twelve month commencing from the date of the Agreement comes into force. This can be cancelled unilaterally by the Competent Authority of Assam University, Silchar (AUS), whenever the service is not found to be satisfactory. The AMC contractor's service may be extended on existing quoted rates and tenders terms & condition as per the decision of competent authority.
2. The financial bids shall be strictly as per the prescribed format enclosed with the bid document. The quoted service charges shall also include insurance charges, Work contract tax, GST,EPF, ESI, Tools and tackles, service tax, excise duty, octroi and any other tax and statutory charges or other levy whether existing or future, levied by the central government or any State or local authority if applicable.
3. The rates accepted will remain firm and fixed during the period of the contract under consideration.
4. The rates quoted shall be inclusive of all applicable taxes and applicable statutory charges.
5. Round the Clock adequate no of Helper and other labour as and when required.
6. Skilled Staff required to be deployed at Site:
 - i. Round the Clock adequate no of Supervisors to supervise Electrical works every day.
 - ii. Round the Clock adequate no of Electrician for day to day of Electrical maintenance work.
 - iii. Round the Clock adequate no of Helper and other Labours to carry out the day to day Electrical maintenance work

Note: Ensure that he/she deploys only adult, trained and competent persons who are physically fit and are not suffering from any chronic or contagious diseases for carrying out the maintenance works.

7. The contractor will engage at license holder Supervisor and Electrician having wiremen license for operation of 11/.44 KV SS, 11 kV and LT power lines competent for the job round the clock in shift duties and Helper having requisite works experience.
8. The contractor will have to arrange all types of tools, tackles and instruments to carry out the above works at their cost.
9. Personally and exclusively supervise or employ sufficient supervisory personnel, exclusively to supervise the work of his/her employees so as to ensure that the services rendered safely and are carried out to the satisfaction of User.
10. The contractor will have to carry out the necessary repairs and maintenance works even during night hours.
11. The contractor will have to carry out all the electrical jobs as per Indian Electrical rules (1956), Indian Electricity Act, Pollution Control Board (State/Union Govt. Rule),



Electricity Board (State/Union Govt. Rule) and procedure laid down from time to time in this behalf.

12. Be liable for any damage caused to the University or its premises or any part thereof or to any fixtures or fittings thereof or any property of the University and therein by any act, omission, default or negligence of the contractor or his employees or agents.
13. Supply identity cards to his/her employees or agents who shall be doing the subject job at the University premises. All the employees and agents should bear the identity card for all the times they are working in AUS campus.
14. Provide distinct uniform's to his/her employees or agents and shall be kept neat, tidy and in a wearable condition.
15. All tools and machinery required for routine/preventive maintenance work such as pliers, cutters, screw drivers, spanner sets, blowers, drill machines, meggers (5KV), clip on meter, multi meter, earth tester etc. shall be provided by the contractor. No extra payment will be made for the same.
16. Switching ON and Switching OFF of campus street lights and compound lights on daily basis.
17. Successful tenderers should maintain a store with adequate materials in the campus required for temporary electrification requirement i.e. providing flood lights with drawing temporary LT lines etc. As per the direction of the depth.
18. The successful bidder will be provided office premises on rent basis.
19. The contractor shall ensure payment of minimum wages to the workmen employed by him/them shall maintain a register of wages. A copy of such wage slip/Bank statement shall be submitted to the University.
20. Successful tenderers should maintain a store with adequate materials in the campus required for immediate rectification of lighting faults, cable faults.
21. Materials to be used should be of approved and branded make (CPWD/APWD approved makes) and as directed.
22. Cable fault checking and jointing with required cable joint materials of all electrical equipment's and repairing the same with, digging , refilling, and leveling of land with necessary materials / spares are in the scope of contractors.
23. Routine maintenance of all electrical installations such as substation equipment's including transformers, LT panels Pump-motors, Submersible pumps, general lighting etc. in the Campus.
24. Attending to day-to-day fault of any kind of light/fan fittings, water pumps, motor starters LT cables, LT Panel, 11 KV HT line and Transformers etc.
25. Attending to faults in main switches, distribution boards, ACB's, OCB's, MCB's, MCCB's panel board etc. In case of major brake-down, the contractor should assist in charge/department staff till the rectifications of the defects.
26. Attending cable faults, terminations of cable, re-termination, if required. The contractor shall arrange to give temporary connection if the cable fault could not be rectified within a day.
27. Operation and maintenance of all major electrical installation in accordance with Manufacture's specifications, instruction Manuals, IE rules and other rules as specified by CEIG and APDCL.



28. Operation and maintenance of electrical equipment's such as auditorium lighting system, sound system/public address system, televisions etc.
29. To check the Power Factor (PF) and operate the capacitor bank for PF correction, if required.
30. Checking of all earth electrodes, continuity of earth, measurement of earth resistant and maintain record for each electrode at least once in a six months.
31. Any other item/work not included above required for ensuring uninterrupted and smooth electrical maintenance at the campus.
32. Noting of meter-reading of Residential Quarters for Monthly Electricity Bills. Maintain proper record of the complaints received, complaints attended with the date and time of attending the complaints, spares replaced and User remarks.
33. The Contracting Agency will keep proper record of the consumables issued/supplied for replacement. The replaced items/consumables will be returned to the Institute. The records should be weekly submitted at engineering section.
34. Co-ordinate and liaison with APDCL, on behalf of the Assam University and do all the needful under intimation to the Assam University, Engineering Section to provide uninterrupted supply of electricity in the campus.
35. The successful bidder should personally and exclusively or through supervisory personnel should arrange for 33/11 KV s/s, 11/.44 KV s/s, 11 KV HT line shutdowns in liaison and co-ordination with APDCL site in charge in order to carry out repair maintenance works.
36. Necessary safety measures and tools tackles needs to provide by the successful bidder to carry out maintenance works at site. The works need to expeditious executed by trained and experienced personnel only.
37. The Contracting Agency shall have to abide by and observe the Rules/Regulations and safety measure in force with regard to repair and maintenance of equipment's and installations systems covered under this award and the Contracting Agency shall be responsible for the same. The Contracting Agency shall keep the Institute indemnified from any penalties or litigation arising due to non-compliance of any rule/regulations in discharge of the responsibilities.
38. Minor gas welding, gas cutting and electric welding etc. for electrical panel, discontinued earth strips etc. as directed by depth.
39. Trimming and cutting of tree branches which may be hazardous from safety point of view for operation and maintenance of LT lines and line fixtures.
40. Maintaining of records like attendance of duty staff, log books for equipment, Stock Book of spares / materials etc., as required.
41. AUS shall deduct pro-rata amount for shortfall/unsatisfactory services, if any.
42. All the electrical equipment's / lines/ street lights / appliances in the University campus are to be covered under AMC on as is where basis, and where ever required, the same is to be rectified and made fully functional to the satisfaction of the University authority.
43. The contractor shall depute an adequate no of the specified man power for carrying out the day to day maintenance work in the University campus. However, if more man power is required for exigency as per instruction of the Executive Engineer, AUS, the contractor has to provide the same as directed.
44. Any change of persons engaged and details of replacement should be intimated to the Engineering Section, Assam University.



45. The firm shall be solely responsible for any negligent acts of their personnel and shall indemnify AUS against any loss or damage to its property or injury to its employees due to such acts.
46. AUS shall not be a party to any dispute between the firm and the personnel deployed by them.
47. The successful bidder shall require cutting / trimming tree branches; bushes etc. along the route of the LT line network and maintain the LT line in good and barrier free condition.
48. **Tools & Tackles:**
The Contractor should maintain/promptly arrange the tools/tackles required for smooth execution of the work. An indicative list of tools/tackles is mentioned hereunder: -
- i. Megger – 1000/5000 volts.
 - ii. Crimping tools. (Size up to 400 sq.mm.)
 - iii. Ratchet set.
 - iv. Tool kit {D – Spanner, Ring Spanner (5-40 No's each)}.
 - v. Pliers, tester & test lamps.
 - vi. Earth tester.
 - vii. Power meter.
 - viii. High voltage discharge rod.
 - ix. High voltage safety gloves.
 - x. Torch, emergency light.
 - xi. Electrical screw driver set.
 - xii. Hand gloves and safety belts.
 - xiii. First aid Kit.
49. The successful bidder shall be required to maintain proper office facility within university campus with following facilities:
- a) Computer with internet facility 01 nos.
 - b) Data and record maintaining staff 01 nos.
 - c) Landline/mobile nos. to contact.
 - d) First aid kits.
 - e) Material utilization Challan, records should be submitted on daily basis for verification. If there is delay engineering section may not consider submitted challan of used materials.
- Note: Office premises shall be provided on rent basis
50. In the case of delay in attending to the complaints, penalty at the following rates will be levied :-
- | | |
|---|------------------------------|
| (a) Delay of up to 24 hours | - Rs.1000 per complain/day |
| (b) Delay in excess of 24 hours and
Up to 48 hours | - Rs.1200 per complain /day |
| (c) Delay in excess of 48 hours | - Rs. 1500 per complain /day |
- The period will be reckoned from the time of lodging the complaint by telephone/fax/letter, etc.
51. **Procedure for Submission of Monthly Claim Bill**
Monthly claim bill shall be submitted by the contractor in pre-printed bill form, showing clearly the following details:



- (a) Name of the firm/ contractor with complete postal address, phone/ mobile no, email etc.
- (b) PAN issued by the IT Department.
- (c) Registration No. issued by the concerned Govt. Department.
- (d) GST registration No.

52. Conditional bids shall be summarily rejected.



SECTION-4

GENERAL RULES AND DIRECTIONS

1. SUBMISSION OF TENDER

- a) The General Conditions of Contract for Central PWD /APWD Works shall be the guiding principles for this work. Tenderer are advised to procure the same and familiarize themselves with the provisions of the above mentioned Conditions of Contract.
- b) The University reserves the right to alter, modify any Tender Conditions, technical specifications etc., before tender opening and may seek fresh quotation depending upon necessity, and may even withdraw/ cancel the tender, without assigning any reason.
- c) All amendments/ revisions to tender documents issued by the University, if any, must be signed and submitted along with the tender. The tenderer are advised to submit the tender based strictly on the terms and conditions and specifications contained in the tender documents, and not to stipulate any deviations.

2. (a) Tenders shall be prepared and submitted in soft copies of their bids electronically on the e-bid Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the e-Procurement Portal <https://mhrd.euniwizarde.com>, prepare their bids in accordance with the requirements and submitting their bids online on the e- Procurement Portal.

(b) Insertion, postscript, addition and alteration are allowed till before the time of the closing of tender. In the event of the tender being submitted by a firm, any of the partners may upload and submit the tender.

3. TENDERER TO INFORM HIMSELF FULLY:

The tenderer is required to carefully examine the technical specifications and other details relating to the work given in the Tender documents and fully inform himself as to all conditions and matters that may in any effect the work or the cost thereof. The tender shall be deemed to have himself independently obtained all necessary information for the purpose of preparing the tender and his tender as accepted shall be deemed to have taken into account all contingencies as may arise due to such information or lack of the same.



PARTICULARS OF TENDER:

Last Date and Time of Online Tender Submission : **05.10.2021 up to 11.00 A.M.**

Date and Time of Online opening of Technical Bid : **05.10.2021 at 11.30 A.M**

Date and Time of Online opening of Price Bid : **05.10.2021 at 12 P.M.**

Validity of tender: Tender shall remain valid for acceptance for a period of not less than **120 days** from the date of opening of tenders which may be required to be extended in public interest at the discretion of the University Authority.

CLARIFICATIONS:

The Tender Document issued is complete in all respect and no further clarifications are elaborated. However, in so far Technical Clarifications if any are concerned even though not binding on University can be ascertained from the University.

QUOTATION OF PRICE / RATES

This is Item Rate Tender, the tenderer shall state at what rate he will be willing to undertake the work. Rate should be quoted both in figure & words.

COMPLETION TIME:

The period of contract will be initially for a period of one year from the date of signing of formal agreement. The contract may be renewed for further one year /less at a time at the discretion of the AUS authority based on satisfactory service provided by the agency.

TRANSFER OF TENDER DOCUMENTS/ TENDERS:

Transfer of tender documents purchased by one tenderers to another is not permissible. Similarly transfer of tenders submitted by one tenderers to another is not permissible under any circumstances. The alteration of essence of tender once submitted is also not permissible.

LANGUAGE:

The Tender shall be submitted in English language only.

EARNEST MONEY DEPOSIT:

1. The tender must be accompanied by the Earnest Money Deposit pledged in favor of **Executive Engineer, Assam University, Silchar**, in the form of Demand Draft / FDR/Call Deposit as indicated in the Notice Inviting Tender. If the tenderer after submitting online his tender release from his offer or modify the Terms and Conditions thereof in a manner not acceptable to the University, the Earnest Money will be forfeited. Tenders not accompanied by the earnest money deposit will not be considered and will be summarily rejected.



2. On Non-acceptance of tender, but in any case not earlier than the expiry date of the period for which the tender is kept open, the Earnest Money shall be discharged.
3. Should the Tender in question be withdrawn or cancelled by the University, which the University shall have the right to do at any time, Earnest Money will be discharged.
4. Should the successful tenderer fail or refuse to duly sign the contract within the period fixed by the University or fail/refuse to commence the work within the stipulated time, the Earnest Money shall be forfeited without prejudice to his being liable for any further loss or damage incurred in consequence by the University.

NO CLAIM FOR COMPENSATION FOR SUBMISSION OF TENDER:

The Tenderer whose tender is not accepted shall not be entitled to claim any costs, charges and expenses of any incidental to or incurred by him thorough or in connection with his submission of tender, even though the University may modify/ withdraw the Tender.

LOWEST TENDER NOT NECESSARILY TO BE ACCEPTED:

The University reserves the right to accept any Tender it considers advantageous / superior and is not bound to accept the lowest alone and need not assign any reasons for non-acceptance.

TENDER EVALUATION:

The Tenders received and accepted will be evaluated to ascertain the best and lowest workable tender in the interest of the University, for the complete work covered under the technical specifications and documents.



SECTION – 5.

TERMS AND CONDITIONS GOVERNING THE TENDER AND EXECUTION OF CONTRACT THEREOF.

1. DEFINITIONS:

- a) Unless otherwise required by the subject or context the terms herein below shall have the following meanings. The **Contract** means the documents forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of Assam University and the Contract, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Registrar, Assam University and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.
- b) **Client** means Assam University acting through The Executive Engineer Assam University, Silchar.
- c) The **Contractor** shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assigns of such individual, firm or company,
- d) The expression **works** or **work** shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional.
- e) The **site** shall mean the land/ or other places, on, into or through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract.
- f) **Tender Value** means the value of the entire work as stipulated in the letter of award.
- g) Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.
- h) As stated in Section III, Clause 1.1, the General Conditions of Contract for Central PWD Works shall be the guiding principles for this tender. The Clauses of Contract mentioned therein shall also be applicable herein and only those Clauses that need addition, emphasis and modification in context of this tender are enumerated below. Contractors are once again advised to familiarize themselves with the General Conditions of Contract for Central PWD Works.

2. SIGNING OF CONTRACT AGREEMENT

- I. i. On the tender being accepted by the Client, a formal contract may be signed and executed by and between the Client and the successful tenderer within a time to be



fixed by the Client, which shall anyhow be within 15 days from the stipulated date of start of the work.

- II. The contractor shall be furnished, free of cost one certified copy of the contract documents except standard specifications, Schedule of Rates and such other printed and published documents, together with all drawings as may be forming part of the tender papers. None of these documents shall be used for any purpose other than that of this contract.

3. DISCREPANCIES AND ADJUSTMENT OF ERRORS

- i. The several documents forming the Contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawing and figured dimensions in preference to scale and special conditions in preference to General Conditions.
- ii. If there are varying or conflicting provisions made in any one document forming part of the contract, the Registrar, Assam University shall be the deciding authority with regard to the intention/ interpretation of the document and his decision shall be final and binding on the contractor.

4. SD MONEY

5.00% shall be deducted towards SD money from the bill value and will be released after 12 months of completion of the contract.

5. TERMS OF PAYMENT

Subject to any deduction, which the client may be entitled to make under the Contract, all payments to contractor for the work would be made by Account transfer in favor of the contractor on **satisfactory completion works on monthly basis on submission of bills along with the requisite documents as directed..**

6. SUB CONTRACTING OF THE WORK

The Contractor is not permitted to assign or transfer his/ their obligation or benefit under the contract either in full or in part to other individuals/ firms / agencies. However, under extreme circumstances where sub-contracting of part of the work is unavoidable, prior written permission of Client shall be taken by the Contractor.



ANNEXURE A

The buildings and major electrical items / equipment to be maintained by the contractor are as under

Sr. No.	Name of buildings	Remarks
01	Vice Chancellor's Bungalow	
02	Guest House and International Guest house	
03	68 Nos. Teaching and 22 Nos. Non-Teaching quarters	
04	Pump House	
05	Seminar Halls (02 nos.)	
06	Administrative Office	
07	Examination Branch	
08	TAC complex	
09	Health Centre	
10	Student Community Centre	
11	Ladies Hostels (05 Nos.)	
12	Boy`s Hostels (04 Nos.)	
13	Central Library Cum Computer Centre	
14	Dept. of Business Administration	
15	Academic Building II(School of Indian Languages)	
16	English & Foreign Language Building	
17	Academic Building I (Mass Comm. and Fine Arts)	
18	Deptt. of Social Work Building	
19	Deptt. of Education Building	
20	Deptt. of History, Pol. Science and Sociology Building	
21	Deptt. of Commerce and Economics Building	
22	Deptt. of Mathematics and CIL Building	



23	Deptt. of Computer Science Building	
24	Deptt. of Chemistry Building	
25	Deptt. of Physics Building	
26	Deptt. of Ecology and Env. Science Building	
27	Deptt. of Life Science Building	
28	Deptt. of Bio-Technology Building	
29	Deptt. of Micro-Biology Building	
30	Deptt. of Earth Science Building	
31	Deptt. of Agriculture and Information Technology Building	
32	Deptt. of Pharmaceutical Science Building	
33	Control room of 5-Sub-Station	
34	Street Lights and Compound lights within University Campus	
35	Intermediate Pumping Station	
36	Deptt. of Law Building	
37	Deptt. of Library & Information Science Building	
38	Sports Complex	
39	Electronics and Telecommunication	
40	University Guest House (2 NOS)	

Note: Any other building within the Assam University Campus may be included as decided by authority.



ANNEXURE-B

LIST OF APPROVED BRAND OF MATERIALS		
SL. NO.	ITEM	BRAND
ELECTRICAL		
1	ISI Marked casing 'n' capping	AKG/ PRECISION/ PRESTO PLAST/ POLYCAB /RICHA/ J PLAST/ PLAZA
2	FLUSH TYPE SWITCH	ANCHOR PENTA/GOLD MEDAL /KOLOR KANY.KOM/ HAVELLS
3	CEILING ROSE	ANCHOR/GOLD MEDAL /KOLOR KANY.KOM
4	2MM THICK / HEAVY RIGID PVC IS: 9537 PART - III CONDUIT	BERLIA/ AKG / PRECISION/ PRESTO PLAST/ POLYCAB /RICHA/ PLAZA
5	MS CONDUIT	AKG /BEC/ SUPREME
6	G.I CONDUIT	AKG /TATA
7	METAL BOXES	18 S.W.G
8	PLAIN PENDENT HOLDER	ANCHOR PENTA PC CHERRY OR EQUIVALENT /GOLD MEDAL /KOLOR KANY.KOM/HAVELLS
9	BATTEN HOLDER	ANCHOR PENTA PC CHERRY OR EQUIVALENT /GOLD MEDAL /KOLOR KANY.KOM/HAVELLS
10	BUS BAR CHAMBER	HPL/ GECO
11	METAL CLAD SWITCH FUSE UNIT	HPL/ GECO / ANCHOR
12	SWITCH GEAR & PROTECTION	ABB, SCHNEIDER MG, LEGRAND, HAGER , C&S, HAVELLS, INDOASIAN, HPL, GECO, SCHNEIDER NEO BREAK, INDOASIAN, RICHA, BENTEC, V-GUARD
13	MCB (CONFORM TO IS / IEC 60898-1:2002) / MCCB (CONFORM TO IS/IEC 60947-2) RCCB (CONFORM TO IS/IEC 12640 / 61008) RCBO	
14	B SERIES, MCB	SCHNEIDER MG, LEGRAND, HAGER, SCHNEIDER NEO BREAK, C&S, HAVELLS, INDO ASIAN, HPL , RICHA, BENTEC, GECO, V-GUARD
15	C SERIES, MCB	SCHNEIDER MG, LEGRAND, HAGER, SCHNEIDER NEO BREAK, C&S, HAVELLS, INDO ASIAN, HPL , RICHA, BENTEC, GECO, V-GUARD
16	D SERIES, MCB	ABB, SCHNEIDER MG, LEGRAND, HAGER, SCHNEIDER NEO BREAK, C&S, HAVELLS, INDO



		ASIAN, HPL
17	RCCB	ABB, SCHNEIDER MG, LEGRAND, HAGER, SCHNEIDER NEO BREAK, C&S, HAVELLS, INDO ASIAN, HPL, RICHA, BENTEC, GECO, V-GUARD
18	RCBO	ABB, SCHNEIDER MG, LEGRAND, HAGER, SCHNEIDER NEO BREAK, C&S, HAVELLS, INDO ASIAN, HPL, RICHA, BENTEC, GECO, V-GUARD
19	SURGE PROTECTION & OVER VOLTAGE PROTECTOR	SCHNEIDER, LEGRAND, SIEMENS, ABB, HAGER
20	MCCB WITH THERMAL & MAGNETIC RELEASE, 25 KA 415V 50 HZ 3P MCCB	SCHNEIDER, LEGRAND, SIEMENS, HAVELLS, HPL, INDO ASIAN, BENTEC, HAGER
21	35/36 KA 415V 50 HZ 3P MCCB	ABB, SCHNEIDER, LEGRAND, SIEMENS, L&T D-SHINE, C&S, HAVELLS, INDO ASIAN, HPL, HAGER
22	50 KA 415V 50 HZ 3P MCCB	ABB, SCHNEIDER, LEGRAND, SIEMENS, INDO ASIAN, HAGER
23	25 KA 415V 50 HZ 4P MCCB	SCHNEIDER, LEGRAND, SIEMENS, INDO ASIAN, HAGER
24	35/36 KA 415V 50 HZ 4P MCCB	SCHNEIDER, LEGRAND, SIEMENS, C&S, INDO ASIAN, HPL, HAGER
25	50 KA 415V 50 HZ 4P MCCB	SCHNEIDER, LEGRAND, SIEMENS, C&S, INDO ASIAN, HPL, HAGER
26	36KA, 3P MCCB WITH MICROPROCESSOR RELEASE	ABB, SCHNEIDER, LEGRAND, L&T, SIEMENS, C&S, HAGER
27	50KA	ABB, SCHNEIDER, LEGRAND, L&T, SIEMENS, C&S, HAGER
28	3P MCCB WITH MICROPROCESSOR RELEASE	ABB, SCHNEIDER, LEGRAND, L&T, SIEMENS, C&S, HAGER
29	36KA	ABB, SCHNEIDER, LEGRAND, L&T, SIEMENS, C&S, HAGER
30	50KA	ABB, SCHNEIDER, LEGRAND, L&T, SIEMENS, C&S, HAGER
31	70KA	ABB, SCHNEIDER, LEGRAND, L&T, SIEMENS, C&S, HAGER
32	4P MCCB WITH MICROPROCESSOR RELEASE 36KA/ 50KA/ 70KA	ABB, SCHNEIDER, LEGRAND, L&T, SIEMENS, C&S, HAGER



33	CHANGE OVER	ABB, SCHNEIDER, LEGRAND, L&T , C&S, HAVELLS, INDO ASIAN, HPL, GECO
34	SWITCH DISCONNECTOR FUSE UNIT	ABB, SCHNEIDER, LEGRAND, L&T , C&S, HAVELLS, INDO ASIAN, HPL, GECO
35	READYMADE PANEL (BOX ONLY)	HAVELS/ LEGRAND/ L&T/ ABB/ SCHNEIDER
36	SUPPLY ONE COMPOSITE CONTROL PANEL FOR UNMANNED OPERATION	CATERPILLER/ ABB/ SCHNEIDER/ JAKSON
37	CONTROL PANEL, MADE OF RUGGED, CORROSION-RESISTANT ENCLOSURES, MADE OF HOT-DIP GALVANIZED SHEET STEEL ACCORDING TO STANDARDS: ISO 1461, IEC 60439-1AND IEC 60439-5 FOR ENVIRONMENT CLASSED C1 AND C2 TO, ISO 12944-2	ABB/SCHNEIDER/ L& T/ SIEMENS/ LEGRAND
38	SPECIAL OUT DOOR FEEDER PILLAR	ABB/SCHNEIDER/ L& T
39	ADVANCED LIGHTNING PROTECTION SYSTEM	ABB
40	LUMINAIRES	PHILLIPS / WIPRO/ JAQUAR / CROMPTON GREAVES/ BAJAJ/ HAVELLS/ HPL/ SOLAR/ MK T 5
41	LED INDOOR	PHILLIPS / WIPRO/ JAQUAR/ CROMPTON GREAVES / BAJAJ/ HAVELLS/ HPL/ SOLAR
42	FAN	ORIENT PSPO/ USHA / CROMPTON / HAVELLS/ ATC/ V GUARD
43	U G CABLE (HT)	HAVELLS/ RPG/CCI/POLYCAB/ GLOSTER/ FINOLEX / NICCO
44	U G CABLE (LT)	HAVELLS/ RPG/CCI/POLYCAB/ GLOSTER/ FINOLEX / NICCO/ RALLISON/ CRYSTAL/ KEI/ ATC/ PARAMOUNT/ MESCAB/ PLAZA/ V - GUARD/ URJATECH / RICHA/ RR
45	CABLE GLAND,	COMET/ DOWELLS
46	TERMINAL,	COMET/ DOWELLS
47	TRAY,	LEGRAND/ AKG /STRUTFAST
48	FLOOR RACEWAY	MK/ LEGRAND
49	CABLE KITS	MS - SEAL/ RAYCHEM RPG
50	DECORATIVE BRACKET LIGHT.	PHILIPS, JAQUAR



51	PENDENT LIGHT.	PHILIPS, JAQUAR
52	MODULAR SWITCH	LEGRAND , ANCHOR , MK , SCHNEIDER , CRABTREE, ABB, KOLORS, PHILIPS, HAVELLS
53	INVERTER	SU-KAM/MICROTECH/V-GUARD/LUMINOUS
54	BATTERY	EXIDE/ V GUARD/ LUMINOUS
55	P.V.C. INSULATED SINGLE CORE UNSHEATHED INDUSTRIAL (MULTISTRAND) CABLE FR CONFORMING TO IS-694: 1990 WITH FLEXIBLE BRIGHT ANNEALED ELECTROLYTIC COPPER CONDUCTOR FOR VOLTAGE GRADE UP TO 1100 VOLTS	FINOLEX /RR KABEL /NICCO / ANCHOR /HAVELLS /HPL/ POLYCAB /KEI /KOLORS/ V GUARD/ MW /PARAMOUNT /RICHA/MESCAB/ATC /RALLISON/ PLAZA
56	P.V.C. INSULATED SINGLE CORE UNSHEATHED INDUSTRIAL FLEXIBLE CABLE CONFORMING TO IS-694: 1990 WITH FLEXIBLE BRIGHT ANNEALED COPPER CONDUCTOR FOR VOLTAGE GRADE UP TO 1100 VOLTS	FINOLEX /RR KABEL /NICCO / ANCHOR /HAVELLS /HPL/ POLYCAB /KEI /KOLORS/ V GUARD/ MW /PARAMOUNT /RICHA/MESCAB/ATC /RALLISON/ PLAZA
57	P.V.C. INSULATED SINGLE CORE UNSHEATHED INDUSTRIAL (MULTISTRAND) CABLE HFFR CONFORMING TO IS-694: 1990 WITH FLEXIBLE BRIGHT ANNEALED ELECTROLYTIC COPPER CONDUCTOR FOR VOLTAGE GRADE UP TO 1100 VOLTS	FINOLEX /RR KABEL /NICCO / ANCHOR /HAVELLS /HPL/ POLYCAB / V GUARD/ MW /MESCAB/ATC
58	CONTRACTORS	1. ABB 2. SIEMENS 3. L& T 4. G. E. POWER CONTROL S 5. SCHNEIDER 6.CUTLER HAMMAR
59	RELAYS	1. ALSTOM 2. SIEMENS 3. L& T
60	METERS	4. AVK-SEGC
61	OVER LOAD RELAY	1. CONNSERVE (MULTIFUNCTION METER FOR CURRENT, VOLTAGE, POWER, P.F , KWH.
62	HT/LT AND TRANSFORMER REPAIRING WORKS	APDCL APPROVED BRAND OF METERIAL (With its latest amendments)

Note: Any equivalent Brand of Electrical Items shall be acceptable on submission of Valid Approval Certificate issued by CPWD/APWD competent authority. (Equivalent will be selected by the Engineering Section considering the mother items rate)



SECTION -6

Special Instructions for Online Bid Submission.

The bidders are required to submit soft copies of their bids electronically on the e-bid Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the e-Procurement Portal <https://mhrd.euniwizarde.com>, prepare their bids in accordance with the requirements and submitting their bids online on the e- Procurement Portal.

Registration

1. Bidders are required to enroll on the e-Procurement Portal (<https://mhrd.euniwizarde.com>) by clicking on the link “Online bidder Registration” on the e-bid Portal by paying the Registration fee of Rs. 2360/- per year charge.
2. As part of the enrolment process, the bidders will be required to choose a unique user name and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication with the bidder.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Only Class III Certificates with signing + encryption key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.),with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC / e-Token.
7. The scanned copies of all original documents should be uploaded on portal.
8. **For any Query contact to our helpdesk Number 011-49606060, Email:ewizardhelpdesk@gmail.com, Mr. Anil Kumar –09355030613.**

Searching For Bidding Documents

9. There are various search options built in the e-bid Portal, to facilitate bidders to search active bids by several parameters. These parameters could include Bid ID, Item/work id, Last date of submission, etc.
10. Once the bidders have selected the bids they are interested in, the bidder can pay the processing fee by net-banking / Debit / Credit card and then download the required documents / bid schedules, Bid documents etc. as mentioned on website. Once processing fee is paid, it will be moved to the respective “requested” Tab. This would



enable the e-bid Portal to intimate the bidders through e-mail in case there is any addendum and corrigendum issued to the bidding document.

Preparation Of Bids

11. Bidder should take into account any addendum and corrigendum published on the bid document before submitting their bids.
12. Please go through the bid advertisement and the bid document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
13. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the bid document / schedule and generally, they can be in PDF /JPEG formats. Bid Original documents may be scanned with 100 dpi with Colored option which helps in reducing size of the scanned document.
14. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders should use “My Documents” available to them to upload such documents.
15. These documents may be directly submitted from the “My Documents” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Submission Of Bids

16. Bidder should log into the website well in advance for the submission of the bid so that it gets uploaded well in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
17. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the bidding document.
18. Bidder has to select the payment option as “Online mode or Bank Guarantee” as to pay the EMD as applicable and enter details of the instrument.
19. In case of Bank Guarantee scanned copy of BG should be uploaded along with bid. . The original Bank Guarantee shall be submitted to office of the concerned official of **Assam University Silchar** as per schedule mentioned in the bid document. Non submission of original Bank Guarantee within the specified period shall lead to summary rejection of bid. The details of the BG, physically submitted should match with the details available in the scanned copy and the data entered during bid submission time. Otherwise bid will be rejected.



20. ***Bidders** are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the bid document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
21. The server time (which is displayed on the bidder's dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
22. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener public keys. Overall, the uploaded bid documents become readable only after the bid opening by the authorized bid openers.
23. The uploaded bid documents become readable only after the bid opening by the authorized bid openers.
24. Upon the successful and timely submission of bid click "Complete"(i.e. after Clicking "Submit" in the portal), the portal will give a successful Bid submission acknowledgement & a bid summary will be displayed with the unique id and date & time of submission of the bid with all other relevant details.
25. The bid summary has to be printed and kept as an acknowledgement of bid submission.

Assistance To Bidders

1. For any Query contact to our helpdesk Number 011-49606060, Mr. Anil Kumar – 09355030613,
Email ewizardhelpdesk@gmail.com



SPECIAL INSTRUCTIONS TO BIDDERS FOR E-TENDERING

General:

These Special Instructions (for e-Tendering) supplement 'General Instructions to Bidders' (GIB), as given in the Tender Documents. Submission of Bids only through online process is mandatory for this Tender. e-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. Suppliers/ Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic tendering, **Assam University Silchar** has decided to use the <https://mhrd.euniwizarde.com> through Central Public Procurement Portal, Ministry of H.R.D., and Government of India. Benefits to Suppliers are outlined on the Homepage of the E-portal.

Instructions:

(a) Tender Bidding Methodology: Through electronic tendering.

(b) Broad outline of activities from Bidders prospective:

- i. Procure a Digital Signing Certificate (DSC)
- ii. Register on <https://mhrd.euniwizarde.com>
- iii. Create Users and assign roles on <https://mhrd.euniwizarde.com>
- iv. View Notice Inviting Tender (NIT) on <https://mhrd.euniwizarde.com> or www.aus.ac.in and also <https://eprocure.gov.in/epublish/app>
- iv. Download Official Copy of Tender Documents from <https://mhrd.euniwizarde.com> or www.aus.ac.in and also <https://eprocure.gov.in/epublish/app>
- v. Bid-Submission on <https://mhrd.euniwizarde.com>: Prepare & arrange all document/paper for submission of bid online only.
- vi. Utmost care may be taken to name the files/documents to be uploaded on <https://mhrd.euniwizarde.com>
- vii. It is advised that all the documents to be submitted are kept scanned or converted to PDF format in a separate folder on your computer before starting online submission. BOQ(Excel Format) shall be filled online only.

For participating in this tender online, the following instructions need to be read carefully..

(c) Digital Certificates:

For integrity of data and its authenticity/ non-repudiation of electronic records, and to be compliant with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC), also referred to as Digital Signature Certificate (DSC), of Class 3, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA).

(d) Registration:

To use the MHRD Portal (<https://mhrd.euniwizarde.com>). Vendor needs to register on the portal. The vendor should visit the home-page of the portal (<https://mhrd.euniwizarde.com>). Note: Please contact Helpdesk (as given below), to get your registration accepted/activated. Help Desk No.:



Number 011-49606060, Email ewizardhelpdesk@gmail.com,

Mr. Anil Kumar –09355030613 / 7903810198

(e) Bid related Information for this Tender

The entire bid-submission would be online on <https://mhrd.euniwizarde.com>. Broad outline of submissions area follows:

(f) Submission of Bid Security/Earnest Money Deposit (EMD)

Note: 1.The Bidder has to upload the Scanned/ self-attested copy of all above mentioned original documents during Online Bid-Submission.

Note:2. Special Note on Security of Bids: The bid EMD/Bid Security/Security Deposit can be submitted online only. Through available modes of payment on the e-Procurement portal. Refer to the instructions to the bidders and bidder manuals for more details.

(g) Other Instructions:-

For further instructions, the vendor should visit the home-page of the portal (<https://mhrd.euniwizarde.com>) or www.aus.ac.in).

The following 'Four Key Instructions' for BIDDERS must be assiduously adhered to –

- i. Obtain individual Digital Signing Certificate (DSC) well in advance of your first tender Submission. Register your organization on <https://mhrd.euniwizarde.com> well in advance of your first tender submission deadline.
- ii. Get your organization's concerned executives trained on <https://mhrd.euniwizarde.com> using online training module well in advance of your tender submission deadline on <https://mhrd.euniwizarde.com>.
- iii. Submit your bids well in advance of tender submission deadline on <https://mhrd.euniwizarde.com>) (Assam University Silchar should not be responsible any problem arising out of internet connectivity issues).

Note: While the first three instructions mentioned above are especially relevant to first-time users of the <https://mhrd.euniwizarde.com>, the fourth instruction is relevant at all times.

(h) . PRICE SCHEDULE:

- i. PRICE fills online only.
- ii. The rate of items shall be filled online only. Scanned copy of this document is not to be attached along with other enclosures.



PRICE BID.

Name of Work: E-Tender for round the clock electrical annual maintenance works, at Assam University Silchar.

Estimated Cost: Rs. 36,23,665/-

Note: Price Bid need not be enclosed with tender document.

Assam University Silchar					
PRICE BID					
Tender No:- AU/Engg/Maint/Elect/35/2019(PT-1)		Tender Publish Date:- 24-09-2021			
Tender Closing Date:- 05-10-2021 11:00 AM		Tender Opening Date:- 05-10-2021 11:30 AM			
Name of Work:-		E-Tender for round the clock electrical annual maintenance works, at Assam University Silchar.			
Estimate Amount		Rs. 36,23,665.00			
Name of the Firm / Company / Bidder:-					
Address of the Firm / Company / Bidder:-					
SL. No.	Description of Item	Unit	Quantity	Rate (Rs)	Amount(Rs)
A	Luminaries				
1	Supplying with fitting fixing of LED bulb (B22, white colour) luminaries complete including connection as approved by the Deptt.with 1.5 sq mm P.V.C. insulated S.C. copper conductor as required and as directed by the departmen directly on wall / ceiling in existing holder including connection as approved and as				



	directed by the department.				
1.1	7 Watt (B22, white colour)	each	600.0		Rs. 0.00
1.2	12/15 Watt (B22, white colour)	each	600.0		Rs. 0.00
1.3	18/20 Watt (B22, white colour)	each	500.0		Rs. 0.00
1.4	30 Watt (B22, white colour)	each	50.0		Rs. 0.00
2	Supplying with fitting fixing of LED Tube lights(TL) luminaries in existing TL fittings complete directly on wall / ceiling in existing fitting including connection as approved and as directed by the department. (Philips/Havells/Bajaj make)				
2.1	18/20 W LED TL	each	510.0		Rs. 0.00
3	Supplying fitting & fixing of LED Tube Light fitting & fixture complete, 20/18 W surface and wall mounted LED batten lights, in extruded aluminium housing provided with poly carbonate diffusers and integrated electronic driver & with all accessories electronic drivers, holders required for completing the installation & as directed by department.(Make: Havells Endura Linear Neo/Bajaj/Phillips/Jaguar)	each	500.0		Rs. 0.00
4	Supplying fitting & fixing of Surface Batten for LED(18/20 W) with G13 holders required for completing the installation of T8 LED tube as directed by department..(Make: Havells /Bajaj/Phillips/Jaguar)	each	300.0		Rs. 0.00



5	Supplying fitting & fixing of recessed 12 W LED round/square lighting fixtures with die cast aluminium housing (square/round, size 225mmX225mm/225 mm dia), with all accessories electronic drivers, holders required for completing the installation with necessary cutting and fixing and making good of damage and cut with white cement/POP /Paint etc as required & as directed by department.Specification details 100 lm/watt, 2.5-2 kV surge protection, pf>0.9,Voltage range (100-300)V,CCT 6500+/-300 K ,CRI >75,Glare free as per IS 103322.(Make: Havells /Bajaj/Phillips/jaguar)	each	30.0		Rs. 0.00
6	Supplying fitting & fixing of surface 12 W LED round/square lighting fixtures with die cast aluminium housing (square/round, size 175mmX175mm/dia 175 mm), with all accessories electronic drivers, holders required for completing the installation as required & as directed by department.Specification details 100 lm/watt, 2.5-2 kV surge protection, pf>0.9,Voltage range (100-300)V,CCT 6500+/-300 K ,CRI >75,Glare free as per IS 103322.(Make: Havells /Bajaj/Phillips/jaguar)	each	50.0		Rs. 0.00
7	Supplying including fitting and fixing of the following Fluorescent tube/T 5 lamps with required Flourescent Lamp Side Holders including connection as approved by the Deptt.with 1.5 sq mm P.V.C. insulated S.C. copper conductor as required and as directed by the department. (Philips/Havells/Bajaj make)				
7.1	TL 28/24 W	each	50.0		Rs. 0.00



7.2	TL 36/40 W	each	250.0		Rs. 0.00
8	Supplying including fitting and fixing of the following Electronic ballast for TL/TL-TD lamps complete including connection as approved by the Deptt.with 1.5 sq mm P.V.C. insulated S.C. copper conductor as required and as directed by the departmen as directed and specified by the deptt. (Philips/Havells/Bajaj make)				
8.1	TL 28/24 W	each	50.0		Rs. 0.00
8.2	TL 36/40 W	each	100.0		Rs. 0.00
				Sub Total (Rs.)	Rs. 0.00
B	Switch and Sockets				
9	Supplying fitting & fixing of following in existing PVC/Ebonite sheet boards with required cutting of board/sheet complete including connection as approved by the Deptt.with 1.5 sq mm P.V.C. insulated S.C. copper conductor as required and as directed and specified by the deptt.				
9.1	230 V , 5/6 A single pole switch (one way) PIANO type ,White Colour	each	250.0		Rs. 0.00
9.2	230 V ,15/16 A single pole switch (one way) PIANO type ,White Colour	each	250.0		Rs. 0.00
9.3	230 V,6A ,3 pin Socket Out let	each	250.0		Rs. 0.00
9.4	230 V,16A , 6/5pin Socket Out let	each	250.0		Rs. 0.00
10	Supplying fitting & fixing of following complete including connection as approved by the Deptt.with 2.5 sq mm P.V.C. insulated S.C. copper conductor as required and as directed and specified by the deptt.				
10.1	230 V,6A , S.S. combined	each	150.0		Rs. 0.00



11	Supplying fitting & fixing of following complete including connection as approved by the Deptt.with 4 sq mm P.V.C. insulated S.C. copper conductor as required and as directed and specified by the deptt.				
11.1	230 V,16A , S.S. Combined	each	100.0		Rs. 0.00
12	Supplying fitting & fixing of Ceiling Rose, 3 pin, 5 A complete including connection as approved by the Deptt	each	5.0		Rs. 0.00
13	Supplying with fitting fixing of 6 amp one way modular clip in bell push MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) including making necessary connection as per direction of department.	each	5.0		Rs. 0.00
14	Supplying including installation of socket outlet 6/10/13 Amps INTERNATIONAL SOCKET , MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) including making necessary connection as per direction of department.	each	5.0		Rs. 0.00
15	Supplying including installation of socket outlet 10/16 Amps 3/5 pin combine shuttered complete , MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) including making necessary connection as per direction of department.	each	5.0		Rs. 0.00



16	Supplying with fitting fixing of 16 amp one way modular clip in switch, MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) including making necessary connection as per direction of department.	each	5.0		Rs. 0.00
17	Supplying with fitting and fixing of 120 watt electronic modular STEP speed control 2 - module type MODEL RANGE LEGRAND (ARTEOR), ANCHOR (AVE), MK (BLENZE), SCHNEIDER (ZENSELO), CRABTREE(MURANO) including making necessary connection as per direction of department.				
17.1	120 watt electronic modular step speed control 2 - module type	each	10.0		Rs. 0.00
				Sub Total (Rs.)	Rs. 0.00
C	Wiring works				
18	Wiring for light/ fan/ call bell point with 2x1.5 sq mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) in surface				



	system, including 6 Amp flush type switch/ bell push (Anchor Penta/Gold medal /Kolor kany.Kom/ Havells or equivalent make as approved by the Deptt.) GI/ MS switch board (ISI marked) half conceal on wall with phenolic laminated sheet cover ,ceiling rose (Anchor/Gold medal /Kolor kany.Kom / Havells or equivalent make as approved by the Deptt.) etc. complete as directed and specified by the Deptt.				
18.1	Short point up to 3.00 metre. length.	each	180.0		Rs. 0.00
18.2	Medium point up to 6.00 metre. Length.	each	40.0		Rs. 0.00
19	Wiring to 5 a pin 6 Amps plug point with 1.5 sq. mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) in surface system, including 5 pin 6 Amps flush type plug socket and 6 Amps F/T switch (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.), GI/ MS switch board (I.S.I. marked) with phenolic laminated sheet cover including earth continuity with				



	1.5 sq. mm. cable to third pin of the plug socket etc. as required complete, when placed elsewhere.				
19.1	Short point up to 3.00 metre length.	each	180.0		Rs. 0.00
19.2	Medium point up to 6.00 metre. Length.	each	40.0		Rs. 0.00
20	Wiring for 5/6 pin 16 Amps power plug point with 4 sq. mm. P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) in surface system, including providing and fixing 5/6 pin 16 Amps flush type socket outlets and 16 Amps flush type switch (Anchor penta /Gold medal /Kolor kany.Kom/Havells or equivalent make as approved by the Deptt.),GI/ MS switch board (I.S.I. marked) with phenolic laminated sheet cover				



	earth continuity with 2.5 sq. mm cable to the 3rd pin of the socket as required complete.				
20.1	Short point up to 3.00 metre. length.	each	30.0		Rs. 0.00
20.2	Medium point up to 6.00 metre. Length.	each	10.0		Rs. 0.00
21	Wiring for drawing sub-main line with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nikko / Anchor or Equivalent Make as approved by the Deptt.) in surface flat ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) system including earth continuity.				
21.1	With 2 x .75 sq. mm. + earth continuity with 1x1.5 sq. mm. in flat 19 mm ISI marked casing 'n' capping system.	meter	200.0		Rs. 0.00
21.2	With 2 x 1.5 sq. mm. + earth continuity with 1x1.5 sq. mm. in flat 19 mm ISI marked casing 'n' capping system.	meter	400.0		Rs. 0.00



21.3	With 2 x 2.5 sq. mm. + earth continuity with 1x1.5 sq. mm. in flat 19 mm ISI marked casing 'n' capping system.	meter	400.0		Rs. 0.00
21.4	With 2 x 4 sq. mm. + earth continuity with 1x2.5 sq. mm. cable in flat 19 mm ISI marked casing 'n' capping system.	meter	300.0		Rs. 0.00
21.5	With 2 x 6 sq. mm. + earth continuity with 1x 4 sq. mm. cable in flat 25mm ISI marked casing 'n' capping system.	meter	200.0		Rs. 0.00
21.6	With 3 x 10 sq. mm. + earth continuity with 2x 6 sq. mm. cable in flat 25 mm ISI marked casing 'n' capping system.	Metre.	20.0		Rs. 0.00
22	supply and fixing of 20 mm dia. ISI marked, PVC conduit	each	50.0		Rs. 0.00
23	supply and fixing of PVC flat casing capping on wall/ceiling as per IS specification and as directed by deptt.	each	100.0		Rs. 0.00
				Sub Total (Rs.)	Rs. 0.00
D	Ceiling Fan/Exhaust/Wall Fan:				
24	Repairing and rewinding of field coils including VIR looping, winding, varnishing, testing complete of Ceiling fan/wall Fan/Exhaust fan/Stand fan. The works shall include both dismantling and reinstallation charges as required and directed. The old burnt coils are to be handed over to deptt.	each	100.0		Rs. 0.00
25	Repairing of ceiling fan complete with supplying and fitting fixing including testing. The works shall include both dismantling and reinstallation charges as required and directed.				
25.1	Ball bearing	each	20.0		Rs. 0.00
25.2	Fan bushing	each	20.0		Rs. 0.00



26	Supplying including fitting and fixing of the following Ceiling/Exhaust/Wall/ stand fans including connection as approved by the Deptt.with 1.5 sq mm P.V.C. insulated S.C. copper conductor as required and as directed by the department.				
26.1	Exhaust Fan 300 mm Heavy Duty, 1400 rpm	each	10.0		Rs. 0.00
26.2	Exhaust Fan 225 mm , Domestic	each	20.0		Rs. 0.00
26.3	High speed 1200 mm swep Ceiling Fan	each	60.0		Rs. 0.00
26.4	Wall Fan	each	20.0		Rs. 0.00
26.5	Stand Fan	each	5.0		Rs. 0.00
27	Supplying including fitting and fixing of the following including connection as approved by the Deptt.with 1.5 sq mm P.V.C. insulated S.C. copper conductor as required and as directed by the department.				
27.1	Electronic Fan regulator	each	50.0		Rs. 0.00
27.2	Stepped type Fan regulator	each	200.0		Rs. 0.00
28	supplying fitting fixing of 2.5 MFD fan capacitors 230/415 V ,AC, 50 Hz complete including connection as approved by the Deptt.with 1.5 sq mm P.V.C. insulated S.C. copper conductor as required and as directed by the departmen as directed and specified by the deptt		400.0		Rs. 0.00
29	Fitting fixing of 1200 mm Ceiling fan	each	100.0		Rs. 0.00
30	Fitting fixing of exhaust fan/Wall fan	each	50.0		Rs. 0.00
				Sub Total (Rs.)	Rs. 0.00
E	MCB/DB				



31	Supplying fitting fixing of complete including connection as approved by the Deptt.with 1.5 sq mm P.V.C. insulated S.C. copper conductor as required and as directed by the departmen as directed and specified by the dept				
31.1	2+2 way, SPN, single door, MCB DB	each	20.0		Rs. 0.00
31.2	2+4 way, SPN, single door, MCB DB	each	20.0		Rs. 0.00
31.3	4 way (4+12), TPN, MCB DB, single door, horizontal type	each	10.0		Rs. 0.00
32	Supplying fitting fixing of complete including connection as approved by the Deptt.with 1.5 sq mm P.V.C. insulated S.C. copper conductor as required and as directed by the departmen as directed and specified by the dept				
32.1	6 A,-32A , 230 V/415 Volts ,50 Hz,SP MCB MCB "C" series ,10 KA rating	each	100.0		Rs. 0.00
32.2	40 A, 230 V/415 Volts ,50 Hz, DP MCB,MCB "C" series ,10 KA rating with SS Enclosure	each	50.0		Rs. 0.00
32.3	63 A, 230 V/415 Volts ,50 Hz, TPN MCB MCB "C" series ,25 KA rating with SS Enclosure	each	5.0		Rs. 0.00
33	Supplying with fitting and fixing panel mounting open execution 35/36KA 415V 50Hz 3P MCCB (Ics=Icu, adjustable Ir setting 0.7) of the following capacity complete with making necessary connection as approved, specified and directed by the deptt. 35/36 KA 415V 50 Hz 3P MCCB (ABB(S6) , Schneider, legrand, Siemens, L&T D-shine make)				
33.1	250 A with sheet steel enclosure	Each	1.0		Rs. 0.00
33.2	400 A with sheet steel enclosure	Each	1.0		Rs. 0.00
33.3	100 A with sheet steel enclosure	Each	1.0		Rs. 0.00



34	Supplying with fitting and fixing Four Pole 415V Front handle operated On Load Change over switch (IP-20 protection powder painted sheet steel enclosure fitted on angle iron frame of the following capacity complete with making necessary connection as approved, specified and directed by the deptt.(ABB, Schneider, legrand, L&T make)				
34.1	100A with sheet steel enclosure	Each	1.0		Rs. 0.00
34.2	400 A with sheet steel enclosure	Each	1.0		Rs. 0.00
34.3	250 A with sheet steel enclosure	Each	1.0		Rs. 0.00
				Sub Total (Rs.)	Rs. 0.00
F	LT Line Works:				
35	Supplying and fitting fixing of galvanised channel of 100 mm x 50 mm x 65 x 2200 mm long complete with clamps ,blots, nuts etc. as required and as directed by the department.	each	2.0		Rs. 0.00
36	Supplying and erection of L.T. Pin insulators with G.I. pin complete with blots and nuts coach screw etc. as required and as directed by the department.	each	60.0		Rs. 0.00
37	Supplying and erection of L.T. Shackle insulators with shackle strap complete with blots and nuts coach screw etc. as required and as directed by the department.	each	80.0		Rs. 0.00
38	Supplying and string up (3ph-4wire) AAAC Rabbit conductor in the existing P.S.C./ M.S/ Galvanized pole with binding etc. as required and as directed by the department.	each	150.0		Rs. 0.00



39	Repairing, rebinding , jointing , jumpering of burnt/lose existing LT connections and bindings of pin insulator, shackel insulators, LT line spans etc complete with required binding material, nuts and bolts for proper operation as directed complete.	each	300.0		Rs. 0.00
40	Repairing, & jointing of burnt/lose existing LT UG cable connections of transformer, distribution panel complete with required binding material, nuts and bolts,lugs etc for proper operation as directed complete.	each	200.0		Rs. 0.00
41	Cutting and trimming of trees, shrubs,bushes etc and keeping the LT line spans , poles , stay set feedeer pillar,outdoor distribution panel and transformer surrounding free from vegetations and ensure that proper and safe operation of the LT line and as directed.	each pole	600.0		Rs. 0.00
42	Repairing and replacemet with re-wireable fuse units of burnt/loose conection of existing capacity incoming and outgoing switchgears,bus-bar of indoor/outdoor distribution feeder/panel wit required size nuts,bolts,lugs etc complete for safe operation of the existing panel as directed.	each	500.0		Rs. 0.00
43	Painting and repairing of existing feeder pillars with required welding of door hinges ,sracping and sand papering of the panel surface and applying two coats of approved paint as directed by deptt.	each	60.0		Rs. 0.00
44	Cleaning, painting, varnishing oftransformer tank both inside and outside of existing transformer with required sracping and sand papering of the panel surface and applying	each	5.0		Rs. 0.00



	two coats of approved paint as directed by deptt.				
45	LT pole painting of 8.5 mtr pole , LT channels, crossarm, clamps complete with required srapping and sand papering of the pole surface and applying two coats of approved paint as directed by deptt.	each	200.0		Rs. 0.00
				Sub Total (Rs.)	Rs. 0.00
G	HT line Works				
46	Supplying and string up (3-ph, 3 wire) AAAC Racoon conductor in the existing P.S.C./ M.S/ Galvanized pole with binding etc. as required and as directed by the department. Directed by the department.	ckm	100.0		Rs. 0.00
47	Supplying and fitting fixing of 11 KV T Cross arm complete with clamps ,blots, nuts etc. as required and as directed by the department.	each	2.0		Rs. 0.00
48	Supplying and erection of 11 KV Pin insulator (Poly) with G.I.pin, blots and nuts coach screw etc. as required and as directed by the department.	each	30.0		Rs. 0.00
49	Supplying and erection of 11 KV Disc insulator (Poly) 45 KN with hard ware fittings etc. as required and as directed by the department.	each	30.0		Rs. 0.00
50	Supply and erection of 15/ 6 amp aerial fuse complete as required and as directed by the department.	each	30.0		Rs. 0.00
51	Supplying and erection of 30 Amp aerial fuse complete as required and as directed by the department.	each	30.0		Rs. 0.00



52	Supplying and fixing of 11 KV 400 A Gang operated switch with all accessories complete as required and as directed by the department.	each	2.0		Rs. 0.00
53	Supplying and fixing of 11 KV 150 A D.O. fuse set complete as required and as directed by the department.	each	2.0		Rs. 0.00
54	Supplying and fixing of 11 KV 5 KA Lighting arrestor (Poly) set complete as required and as directed by the department.	each	2.0		Rs. 0.00
55	Supplying and fixing of following for proper operation of transformer				
55.1	HT Brass Spandle	each	1.0		Rs. 0.00
55.2	LT Brass Spandle	each	1.0		Rs. 0.00
55.3	Brass nuts for LT & HT side of Transformer.	each	1.0		Rs. 0.00
55.4	Oil Seal for LT & HT side of Transformer.	each	1.0		Rs. 0.00
55.5	Gasket for LT & HT side of Transformer.	each	1.0		Rs. 0.00
55.6	LT transformer bushing	each	1.0		Rs. 0.00
55.7	HT transformer bushing	each	1.0		Rs. 0.00
55.8	Transformer oil	liter	300.0		Rs. 0.00
56	Repairing, rebinding , jointing of burnt/lose existing HT connections and bindings of pin insulator, disc insulators, DO fuse set, GOAB switch set, HT line spans etc complete with required binding material, nuts and bolts for proper operation as directed complete.	each	200.0		Rs. 0.00
57	Cutting and trimming of trees, shrubs,bushes etc and keeping the HT line spans , poles and stay set free from vegetations and ensure that proper and safe operation of the HT line and as directed.	each pole	500.0		Rs. 0.00
58	HT pole painting of 13 mtr pole ,HT cross arm, HT channels, clamps complete with required scraping and sand papering of the pole surface and applying two	each	100.0		Rs. 0.00



	coats of approved paint as directed by depts.				
				Sub Total (Rs.)	Rs. 0.00
H	Street light works				
59	Supply fitting fixing of 120/130W LED roadway luminaire made of pressure diecast aluminium IP66 housing with high power LED as lighting source with toughened glass top cover and separate driver compartment and impact resistance of IK07 and 10 KV built-in surge protection. The roadway LED light fixture should be fitted in the existing double arm GI poles at site complete with required clamps and nuts bolts. (make Havells pearls magnum/ Bajaj/Phillips)	each	40.0		Rs. 0.00
60	Supply fitting fixing of 36W LED street light in aluminium pressure die cast housing with toughened glass cover (IP66 rating) with external SPD (10 KV), CCT 5700K.	each	150.0		Rs. 0.00
61	Supply fitting fixing of MS street light bend pipe of length 1ftX1ft , 50mm dia suitable for mounting LED street lights with required pole clamps and nuts bolts complete as directed.	each	100.0		Rs. 0.00
62	Supplying of the following electronic igniters for HPSV/MH luminaries complete as directed and specified by the depts. (Philips/Havells/Bajaj/HPL make)				
62.1	BJIGN HSPV A (HPSV Lamp)	each	5.0		Rs. 0.00
62.2	BJIGN MH A (MH Lamp)	each	5.0		Rs. 0.00



63	Supplying of the following Electromagnetic Ballast for high intensity discharge lamps, HID dimming ballast and controller sodium lamp (SON/SON complete as directed and specified by the deptt. (Philips/Havells/Bajaj/HPL make)				
63.1	HPSV/MH 150W	each	5.0		Rs. 0.00
63.2	HPSV/MH 250W	each	5.0		Rs. 0.00
63.3	HPSV/MH 400W	each	5.0		Rs. 0.00
64	10. Supplying including fitting and fixing of the following HPSV lamps complete as directed and specified by the deptt. (Philips/Havells/Bajaj make)				
64.1	HPSV 150W elliptical	each	5.0		Rs. 0.00
64.2	HPSV 250W elliptical	each	5.0		Rs. 0.00
65	10. Supplying including fitting and fixing of the following MH lamps complete as directed and specified by the deptt. (Philips/Havells/Bajaj make)				
65.1	400W MH tubular	each	5.0		Rs. 0.00
65.2	250W MH tubular	each	5.0		Rs. 0.00
66	Supplying of lamp holders for 150/250/400W HID lamps complete as directed and specified by the deptt.	each	20.0		Rs. 0.00
67	Fitting & fixing and repairing of the Street light/compound light luminaries in the existing pole including making necessary connection as approved by the Deptt.)with 2 ×1.50 sq.mm F.R. multistrand and P.V.C. insulated single core copper cable as specified and directed by the department.(material to be provided departmentally)				
67.1	Double arm street light (32 ft height)	each	100.0		Rs. 0.00
67.2	Single arm street/compound light (20 ft height)	each	300.0		Rs. 0.00



68	Repairing and tightening street light connection/ loop box connection for proper operation of street light fittings as directed by the deptt.	each	300.0		Rs. 0.00
				Sub Total (Rs.)	Rs. 0.00
I	Accessories				
69	Supplying fitting fixing of 4X4 PVC board	each	50.0		Rs. 0.00
70	Supplying fitting fixing of 7X4 PVC board	each	50.0		Rs. 0.00
71	Supplying fitting fixing of 6X8 PVC board	each	50.0		Rs. 0.00
72	Supplying fitting fixing of 8X10 PVC board	each	50.0		Rs. 0.00
73	Supplying fitting fixing of 7X4 ebonite sheet alongwith fitting of switches and socket as directed.	each	50.0		Rs. 0.00
74	Supplying fitting fixing of 8X10 ebonite sheet sheet alongwith fitting of switches and socket as directed.	each	50.0		Rs. 0.00
75	Supplying fitting fixing of pendant holder.	each	300.0		Rs. 0.00
76	Supplying fitting fixing of batten holder.	each	300.0		Rs. 0.00
77	Supplying fitting fixing of 5/15A 3 pin top	each	30.0		Rs. 0.00
78	Supply fitting fixing of 2 core 6 sq mm weather proof AL conductor as directed and complete	meter	100.0		Rs. 0.00
79	Supply fitting fixing of 2 core 10 sq mm weather proof AL conductor as directed and complete	meter	100.0		Rs. 0.00
80	Installation of Exhaust fan up to 450 mm sweep in the including making the hole to suit the size of the exhaust fan, making good the damages, testing, commissioning etc. as required complete	Each	3.0		Rs. 0.00



81	Supply, installation & testing of G.I. earth station with perforated 40 mm dia and 4.50 Metre long heavy duty G.I. pipe with necessary 40 mm dia. G.I. Fittings such as Socket, Tee, elbow, nipple and 50 mmx40 mm G.I. reducing socket for funnel including locking arrangement 300 mmx300 mmx6 mm hinged cover C.I. earth plate complete with digging of earth pit, construction of brick chamber and plastering of both inner & outer surface of wall as specified and directed by the deptt .	Each	1.0		Rs. 0.00
82	Supplying and fixing 150 AH tubular battery for inverter operation in exchange of existing battery.The battery supplied should have minimum full replacement warranty for 24 months as directed. (Make Exide/Amaron/Luminous)	Each	1.0		Rs. 0.00
83	Supplying and fixing 180 AH tubular battery for inverter operation in exchange of existing battery.The battery supplied should have minimum full replacement warranty for 24 months as directed. (Make Exide/Amaron/Luminous)	Each	1.0		Rs. 0.00
84	Supplying and fixing 150 AH heavy duty battery for instant DG set starting operation in exchange of existing battery The battery supplied should have minimum full replacement warranty for 24 months as directed. (Make Exide/Amaron/Luminous)	Each	1.0		Rs. 0.00
85	Supplying and fixing 180/200 AH heavy duty battery for instant DG set starting operation in exchange of existing battery The battery supplied should have minimum full replacement warranty for	Each	1.0		Rs. 0.00



	24 months as directed. (Make Exide/Amaron/Luminous)				
86	Supplying and erection MS pole 8.5 metre long, the pole is to be erected in 1:2:3 plain cement concrete foundation of size 1.50 m x 0.45 m x 0.45m having including edge brick soiling and plastering above G.L. portion (0.30 metre complete with excavation of earth, handling of Surplus Soil, debris etc. to the proper place and refilling etc complete with Aluminium paint on the pole surface as specified and as directed by the department. Details dimension:- Length of pole = 8.50 metre., Length of sections, Bottom = 5.00 M, Middle = 1.75 M, Top = 1.75 M, Out side dia. & Thickness Bottom = 165.10 x 4.85 mm, Middle = 138.70 x 4.50 mm, Top = 114.30 x 3.61 mm	each	2.0		Rs. 0.00
87	Suppling of 20 literpackaged distilled water bottels for battery refill and recharge maintenance as directed.	Each	30.0		Rs. 0.00
				Sub Total (Rs.)	Rs. 0.00
K	UG cable works				



89	Supply and laying of following size PVC/XLPE insulated and PVC sheathed 1.1 KV G Solid Aluminium conductor up to 10 sq mm balance stranded conductor, XLPE Insulated, cores laid up, PVC tape inner sheathed, Armour (Aluminium for single core up to 70 sq mm balance Aluminium strip, Galvanised for cables up to 2x10 sq mm, 3x10 sq mm, 4x6 sq mm balance all galvanised steel strip) , extruded PVC Type ST2 sheathed, 650/1100V grade as per IS 7908(Part 1) 1988 armoured U.G. cable U.G. cable laid in ground/partially in air (as required for termination over ground including excavation of cable trench up to depth of 75cm, refilling, protective brick covering, Sand cushioning etc complete handling of surplus spoil, debris et to proper place as specified and directed by the deptt. (Nicco/ Havells/ RPG/CCI/Polycab/Gloster/ Finolex make) .				
89.1	10.00 Sq.mm 3 Core armoured U.G. cable ,3 Core A2XWY A2XFY	Metre	50.00		Rs. 0.00
89.2	35.00 Sq. mm.3 & 1/2 Core armoured U.G. cable , 3 & 1/2 Core A2XFY	Metre	50.00		Rs. 0.00
89.3	95.00 Sq. mm.3 & 1/2 Core armoured U.G. cable , 3 & 1/2 Core A2XFY	Metre	30.00		Rs. 0.00
89.4	185.00 Sq. mm.3 & 1/2 Core armoured U.G. cable , 3 & 1/2 Core A2XFY	Metre	10.0		Rs. 0.00
89.5	400.00 Sq. mm.3 & 1/2 Core armoured U.G. cable , 3 & 1/2 Core A2XFY	Metre	10.0		Rs. 0.00
90	Supplying of Unskilled man power as required for urgent and emergency electrical works.	man/day/annum	200.0		Rs. 0.00



				Sub Total (Rs.)	Rs. 0.00
				Total Amount (Rs)	Rs. 0.00
THIS IS A COMPUTER GENERATED PRICE BID AND DOES NOT REQUIRE SIGNATURE.					