



## भारतीय प्रबन्ध संस्थान, लखनऊ

### INDIAN INSTITUTE OF MANAGEMENT LUCKNOW NOIDA CAMPUS

B-1, Institutional Area Sector-62, Noida - 201 307 (UP) India

Tel: 0120-6678426, 8545; Fax: 0120-6678506

Website: [www.iiml.ac.in](http://www.iiml.ac.in); Email: [purchase\\_iimlnc@iiml.ac.in](mailto:purchase_iimlnc@iiml.ac.in) ;

[electricitync@iiml.ac.in](mailto:electricitync@iiml.ac.in)

NIT No.- IIMLNC/AMC/SUBSTATION/2022/08

Date: April 05 2022

#### E-TENDER NOTICE

Online E-tenders are invited in the Two-Bid System (i.e. Technical Bid & Financial / Price Bid) for work mentioned below in E-mode from Contractors (Indian Nationals/ Firms only) and free view NIT is available on Govt. E-Procurement portal i.e. <https://eprocure.gov.in>. Interested agencies are requested to sign in (new user sign-in only with DSC) online to obtain user-ID and password using Digital Signature. The tender documents comprise of Technical bid and price bid. The technical bid and price bid duly filled may be uploaded on E-Portal of Govt. E-Procurement site i.e. <https://eprocure.gov.in> using Digital Signature before the last date & time of submission as mentioned in the tender notice. The credentials as listed below shall be uploaded online.

Name of work	Annual Operations & Maintenance Contract (AO&MC) of 11KV/0.433KV Electrical Substation with D.G Sets Operation work at IIML-NC Plot No-B-1, Institutional Area Sector-62, Noida-201307 (UP).
BID Declaration From	Need to declaration
Period of Contract	04 years (1+1+1+1)
Date of issue of tender document	Tuesday 5th April 2022
Last Date for submission of tender document	Tuesday 27 <sup>th</sup> April 2022 at 3:00 PM
Pre-Bid Meeting Date & Time and Venue	12 <sup>th</sup> April 2022 at 11:30 AM Meeting Room IIM, Lucknow Noida Campus
Date of opening of Technical Bid	April 29, 2022
Date of opening of Financial Bid	Will be intimated later
Date of starting of work	As per the date of Work Order
Earnest Money Deposit (EMD)	Rs. 40,000/- (Rupees Forty Thousand only in favor of INDIAN INSTITUTE OF MANAGEMENT LUCKNOW-NOIDA CAMPUS
Validity of Tender	120 days from the date of opening of tender.

For Indian Institute of Management Lucknow Noida Campus



## भारतीय प्रबन्ध संस्थान, लखनऊ

### INDIAN INSTITUTE OF MANAGEMENT LUCKNOW NOIDA CAMPUS,

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[electricitync@iiml.ac.in](mailto:electricitync@iiml.ac.in)

#### E-Tender Notice

The Indian Institute of Management Lucknow, is a national-level educational institute set up by the Ministry of Education, Government of India. The Noida Campus of the Indian Institute of Management Lucknow invites quotations from reputed Indian National and eligible agencies for Annual Operations & Maintenance Contract (AO&MC) of 11KV/0.433KV Electrical Substation with D.G Sets Operation work at IIML-NC Plot No-B-1, Institutional Area Sector-62, Noida-201307 (UP).

On behalf of the Director of the Indian Institute of Management, Lucknow, you are hereby invited to quote your rates for 04 years (1+1+1+1) on the enclosed 'Bill of Quantity' for the above subject works as per details given below.

A complete tender document is available on the website [www.eprocure.gov.in](http://www.eprocure.gov.in). Besides this tender document is also available on the Institute website: [www.iiml.ac.in](http://www.iiml.ac.in). Tenders uploaded without proper information, without documentary evidence, and without submission of EMD/inadequate EMD shall be summarily rejected.

**EMD shall be deposited in the below-mentioned bank account details.**

- **Payee Name: INDIAN INSTITUTE OF MANAGEMENT LUCKNOW-NOIDA CAMPUS**
- **Banker Name: AXIS BANK LTD.**
- **Account Number: 022010100356060**
- **IFSC Code :UTIB0000022**

**Copy of the EMD receipt should be uploaded to the website [www.eprocure.gov.in](http://www.eprocure.gov.in).**

**Eligibility criteria norms are as follows:-**

- a) The Firm/Agency/Organization (Contractor) should have an Original Equipment Manufacturer (OEM) authorization valid certificate indicating date till 31<sup>st</sup> December 2020 so that authorize to do service and maintenance by genuine spare and material in case of the chiller plant. If the certificate is not submitted by the tenderer their tender will not be accepted & consider.

- b) The Firm/Agency/Organisation (Contractor) should have a minimum working experience of 10 (TEN) years (on 31<sup>st</sup> March 2020) in Annual Operation & Maintenance (AMC) of 11KV/0.433KV Electrical Sub-station and. D.G Sets Operation work.
  - c) Out of total 10 (TEN) years working experience, the Firm/Agency/Organization (Contractor) should have five (5) years (on 31<sup>st</sup> March 2020) working experience of Central Govt. Offices/State Govt. Offices/IIT/IIM/NIT/Central Universities/State Govt. Universities in Annual Operation & Maintenance of Electrical Sub-station with DG Sets Operation work.
  - d) The Firm/Agency/Organisation (Contractor) should be an enlisted/approved Electrical contractor of Central Govt./State Govt. or High Profile Private sector for Annual Operation & Maintenance (AMC) of Electrical Sub-station with DG Sets Operation work.
  - e) The Firm/Agency/Organisation (Contractor) should have minimum annual turnover of Rs. 20,00,000/- (Rupees Twenty Lakhs) in each year in the past three financial years.
  - f) The Firm/Agency/Organisation (Contractor) should not been blacklisted, given any Warning Letter for non-performance, and not put any penalty for lack of performance in previous and OR current organization. In case it has been found, the institute reserve the right to disqualify the firm without causing any reason.
1. All agencies/firms/Contractors are requested to visit & inspect the site (IIML-Noida Campus, B-1, Institutional Area, Sector-62, Noida-201307) and check the working terms & conditions before submitting the e-tender document.
  2. The Tenderer is requested to upload the technical bid and price bid duly filled on E-Portal of Govt. E-Procurement site i.e. <https://eprocure.gov.in> using Digital Signature before the last date & time of submission as mentioned in the tender notice. It is also requested to deposit the earnest money (EMD) for an amount of **Rs. 40,000/- (Rupees Forty Thousand only)** refundable by way of demand draft.
  3. The technical bid should be properly filled in the Annexure –“A”.
  4. Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or the firms/ Bidders who are registered with the Central Purchase Organization or the concerned Ministry or Department or Start-ups as recognized by Department of Industrial Policy and Promotion (DIPP) are exempted from depositing EMD. However, the performance security shall be obtained from the successful bidder irrespective of their registration status etc.
  5. Rates quoted in tender must be excluding of GST. Rate should be inclusive of payment of dues by the contractor to the Labour Department in accordance with the prevailing Labour law, including all statutory liability fixed by the Labour Commissioner or any other law enforcement agency.
  6. All Central, State, Local laws & bye laws applicable will be observed by the contractor and Indian Institute of Management Lucknow will be kept indemnified of such payable by the contractor.
  7. No support of man power, material, cartage or transport etc. will be provided by the Institute. All these have to be arranged by the contractor at their own cost.
  8. Financial Bids of only those Tenderer(s) will be opened who qualify the eligibility criteria as well as the Technical Bid. The date, time of opening of the Financial Bids will be intimated in due course of time. Unqualified tenderer(s) financial bid will not be opened. EMD of unsuccessful tenderers will be returned after award of contract without bearing Interest.
  9. The successful bidder's EMD will be discharged upon the bidder's submission of the performance Security in shape of Bank Guarantee. The Bank Guarantee should be 10% of the estimated annual work value along with the acceptance of contractor as security. The Bank Guarantee should be in

favour of Indian Institute of Management Lucknow Noida Campus. This Bank Guarantee will be refunded after completion of the contract. In case of any deficiency in services specifically pointed out by the Institute, appropriate penalty will be levied by Director, IIML and the same will be adjusted against future bills and /or security deposit. The validity of the BG should be beyond three months (90 days) of contract period.

10. Subletting the contract will not be allowed without prior written permission of the competent authority of the Indian Institute of Management Lucknow Noida Campus.
11. The Tender should be duly signed and stamped by the authorized persons agencies/firms/Contractor on each page of the Technical Bid as well as Financial Bid as a proof to confirm the acceptance of the entire Terms & Conditions of Tender. Tender with an additional condition shall be rejected forthwith.
12. The Institute reserves the right to reject any or all tenders, wholly or partly or close the tender at any stage prior to award of contract without assigning any reason whatsoever. No claim, whatsoever, shall be entertained on this account. The decision of Director, Indian Institute of Management Lucknow will be final and binding.
13. An undertaking to the effect that the bidder in the past has never been blacklisted, given any warning for non-performance and not put any penalty for lack of performance.
14. At any stage, if it is found that the documents and certificates submitted by the tenderer agencies/firms/Contractors are forged or have been manipulated, the awarded contract shall be cancelled and Performance Security deposited in the Institute shall be forfeited without any claim whatsoever on Institute. Further the Institute can also take action as appropriate under the extant laws.

#### **Validity Period of Bid**

Bid shall remain valid for 120 days (One Hundred & Twenty Days) after the date of bid opening. The bid valid for a shorter period shall be rejected by the IIML-NC as non-responsive. In exceptional circumstances, the IIML-NC may request the consent of the bidder for an extension to the period of bid validity. A bidder accepting the request and granting extension will not be permitted to modify his bid.

#### **GENERAL TERMS & CONDITIONS OF CONTRACT**

1. The period of contract will commence with effect from the date mentioned in the work order/contract agreement and shall remain valid initially for a period of one year (twelve months). Further the contract period is subject to renewal up to Three (3) years on yearly basis by the Institute on satisfactory performance on mutually agreed terms and conditions.
2. Payment will be made monthly after satisfactory completion of service on presentation of bill. No advance payment will be made. Income Tax deduction at source as per the rules in force will be deducted from the bill and the amount so deducted will be credited to the Income Tax authority and a certificate of the amount credit will be issued by the Accounts Office of the Institute.
3. Institute reserve the right to curtail or enhance the scope of work (either by deletion of certain items entirely or by reducing/increasing the quantities of certain items as required) and reviewed by the Institute from time to time and therefore, the final value of the work shall be worked out and paid to the extent of work actually carried out.
4. The Firm/Agency/Organisation (Contractor) shall submit supportive documentary evidence regarding name, residential address, qualifications, experience of the qualified Engineer/technician who will visit

the site for attending the operation and maintenance of substation. The technicians provided by the contractor should be medically and mentally fit for the job. Police verification is also required to be completed by the contractor and its report must be submitted to the institute within one month after award of contract. The contractor is solely liable for compensation to its technicians on amount of any casualties, accident or otherwise.

5. The Director, IIML will at his/her sole discretion to decide the penalty amount that will be commensurate with the deficiency in work of the contractor. In case of any abnormal delay on the part of the agency beyond the specified time, penalties as follows shall be imposed and recovered from the monthly bills.

Minor breakdown – Rs. 500/- per day of delay subject to maximum of Rs. 1000/-per fault per day.

Major breakdown – Rs. 1000/- per day of delay subject to Maximum of Rs. 5000/-per fault per day.

6. The staff of the agency has to be technically qualified, courteous and maintain good behavior at site with IIML-NC authorities. Any person found discourteous or misbehaving shall have to be replaced within 24 hours.
7. A qualified Engineer/technician of the agency shall periodically visit, and inspect for operational maintenance of substation.
  - a. The qualified Engineer must be a Diploma Holder in Electrical Eng. (3 years) in relevant area with two year experience OR an ITI Diploma holder in relevant area with minimum five years' experience OR Possessing Government Certificate of Competency Class-II (Electrician) with minimum 10 years of HT supervisory certificate of appropriate agency.
  - b. Besides each shift will have one licensed electrician and a helper.
8. The contractor shall submit a true statement of the preceding month by 4<sup>th</sup> of every month to the Engineer-In-Charge of IIML-NC.
  - a) Performance of the Electrical Sub-station with D.G Sets
  - b) No. of workers employed by him
  - c) Their working hours
  - d) Any other related information asked by IIML-NC
9. List of qualified Engineer/technician shall be furnished and any change must be informed to the institute accordingly before the changes is affected.
10. IIML-NC reserves the right to terminate the contract with an advance notice of one month without assigning any reason. The contract can also be terminated at the request of agency, with an advance notice of one month falling which, the agency is liable to pay liquidated damages @ 10% of tendered value besides forfeiture of security deposit.
11. All staff engaged will have valid license where required. Any person not found suitable will be removed and suitable replacement provided on priority basis.
12. All staff will wear uniform/shoe to be provided by the contractor. All staff will be given weekly holiday and suitable leave as per Government Rules.
13. In case of any miss-hap/accident, any compensation claims arising out of such accident shall be made by the contractor in accordance, with the law which is in force to each or every one of the affected persons or their legal heirs depending upon the merits of each individual case. All liabilities, arising out of any legal dispute, accidents, breakdown etc. shall be borne/paid by the contractor. He would also indemnify the Institute for any loss, damage of property or life arising out of negligence of services provided to the Institute for Operation & Maintenance of the Electrical Sub-station with D.G Sets. The contractor will be fully responsible to pay compensation/medical care to

any of the staff.

14. The Firm/Agency/Organisation (Contractor) shall abide by all applicable laws including labor and all-statutory provisions and deductions, welfare Laws (ESI, PF, BONUS, levied by the Government from time to time). The bidders shall furnish adequate proof to the IIML-NC in this regard. It is again clarified that all such responsibilities and obligations, whether specified herein or not, shall be the exclusive responsibility and obligations of the contractor, and IIM Lucknow Noida Campus shall not be held liable for such responsibilities/obligations in any manner what-so-ever.
15. For Performance of the Electrical Sub-station with D.G Sets, all instructions will be issued in writing by Engineer-In-Charge of IIML-NC to the Contractor for which proper accounting has to be kept. All dismantled/worn out materials will be returned to IIMLNC. However, for substation/pump house, all materials like measuring instruments, switch handles, fuses, lamps etc. will be provided by the contractor as required.
16. If maintenance of DG set, Electric Sub Station for running properly is not done due to agitation or strike of employees appointed by the contractor or late in time, the institute will deduct the amount form contractor's bill and levy appropriate penalty.
17. The dispute, if any, will be referred to the Director, IIM Lucknow and his decision will be final and binding. All disputes arising out of the order will fall under jurisdiction of Lucknow Court.
18. TAX, Octroi in respect of this contract shall be payable by the contractor and Institute will not entertain any claim whatsoever in respect of the same.

I/We have read the terms and conditions of the tender document and understand that in case of any of the statement furnished by the undersigned is found to be false OR if any / all the terms and conditions are not complied with, the tender is liable to be cancelled and the earnest money deposited shall be forfeited by IIML NC. I/We hereby agree to abide by all the terms & conditions of the tender document.

Date:

Place:

Signature of the authorized signatory of the agency  
Official seal/ stamp

## **SCOPE OF WORK AND TERMS AND CONDITIONS OF SERVICE CONTRACT**

This schedule of work is for Annual Operation & Maintenance Contract (AO&MC) of 11KV/0.433KV Electrical Sub-station with D.G Sets work consisting of the following components:-

- Operation and maintenance of the 11KV/ 0.433KV electrical substation 1&2 with all components.
- Operation and day to day maintenance of 5 Nos. D.G Sets.
- Maintenance of the internal electrical Fitting/Installation of all buildings in the campus.

### **Substation – 1**

1. 11KV/ 0.433 KV Electric Sub-Station with 2 Nos. 1000KVA Transformer, 4 Panel HT Board, RCCT Panel, LT Panels, Capacitor Panels, PLC Panel, Connected Bus-ducting, LT/HT Cabling, Earth Sets, Batteries with charger, Cable tray etc.
2. 1 no. 500 KVA and 2 no. 250 KVA DG Sets. **(Make- KIRLOSKAR)**
3. Internal Electrical Fitting/Installation with connected Light, Fans, Geyser, Fly Catcher, Toaster, Geysers, power outlets, Wiring, switch boards, MCB, DB's, earthing etc. of the following blocks:-
  - a) Administration Block
  - b) Academic Block
  - c) Executive Center (MDP)
  - d) Residential Block (Faculty)
  - e) MDP Dining Hall (Executive Centre)
  - f) Executive Hostel (IPMX)
  - g) ESS/Pump House /STP.
4. Underground Cabling from Sub-station to various building / loads.
5. Compound/ Road/ Lawn Lighting.

### **Substation – 2**

1. 11KV/ 0.433 KV Electric Sub-Station with 1 No. 1000KVA Transformer, 1 Panel HT Board, RCCT Panel, LT Panels, 4 Nos. Sub LT Panel, Capacitor Panels, PLC Panel, Connected Bus-ducting, LT/HT Cabling, Earth Sets, Batteries with charger, Cable tray etc.
2. 1 no. 500 KVA and 1 no. 320 KVA DG Sets. **(Make-VOLVO PENTA)**
3. Internal Electrical Installation with connected Light, Fans, Geyser, Power outlets, Wiring, switch boards, MCB, DB's, earthing etc. of the following block:-
  - a) Seminar Block
  - b) Kitchen Block
  - c) Plant Room near seminar block

**Sub Station:-** It will be operated and maintained round the clock. The general shift will be manned by a supervisor who will be a Diploma Holder in Electrical Eng. or ITI holder having with minimum 3 years experience OR Possessing Government Certificate of Competency Class-II (Electrician) having with minimum 10 years of HT supervisory certificate of appropriate agency. Besides each shift will have one licensed electrician and a helper.

Hourly log book entry will be made maintained as per CPWD log book with all relevant parameters like voltage, current, on duty every hour. It will be insured that all reading instruments and indicating lights are in working order. The entire substation will be kept in safe /clean condition. All trenches will

be maintained, all covers in place. The substation will be checked and cleaned daily as per instruction of Engineer–In-Charge of IIML-NC. The Contractor has to be kept proper accounting for the same.

**DG Sets:**

Requires round the clock manning and operation in case of mains power failure. The Substation electrician can be trained to operate the DG Sets. Only day to day maintenance is included and hourly log reading have to be kept as per prescribed log book. HSD Oil will be issued by IIML-NC for which proper accounting has to be kept. The DG Set will be checked and cleaned daily as per instruction of Engineer–In-Charge of IIML-NC. The Contractor has to be kept proper accounting for the same.

**Preventing maintenance of the DG Sets. are excluded, which will be done by the DG Set Authorized Dealer by a separate agreement.**

**Internal Electrical Installations:**

It will be maintained round the clock by engaging licensed wireman/electrician/helper of required number as per the discretion of IIML-NC. This includes preventing maintenance as per CPWD Electrical specification. All the switch boards/ DB's will be subject to preventive maintenance every 6 months for which records will be maintained. All the fan/fittings will be periodically cleaned after three months.

**Under Ground Cabling:**

In case of any UG Cable fault, it's locating and rectification is beyond the scope of this contract. However, the contractor will maintain the UG cabling and arranging for UG cable rectification, as per approval of the DEAN (NC) and instructions issued in writing by Engineer–In-Charge of IIML-NC.

**Road/Compound/Garden Lighting:**

They will be maintained 100% in working order. All the fittings will be cleaned on every month and control boxes of poles will be duly maintained.

Date:

Place:

Signature of the authorized signatory of the agency  
Official seal/ stamp



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**ANNEXURE-“A”**

### **TECHNICAL BID**

#### **PRE-QUALIFICATIONS FOR TENDERERS FOR TECHNICAL EVALUATION.** **PLEASE UPLOAD DOCUMENTARY EVIDENCE IN SUPPORT.**

1	Name of the Firm/Agency/Organisation	
2.	GST No. of the Firm/Agency/Organisation	
3.	PAN No. of the Firm/Agency/Organisation	
4	Complete Address of the Firm/Agency/Organisation	
5.	PF Registration No.	
6.	ESI Registration No.	
7	Name & Designation of the authorized Person	
8	Contact E-mail & Mobile No. of the authorized Person	
9	Earnest Money Deposit by D.D of Rs.40,000/- (Rupees Forty thousand) Name of Bank Date	
10	No. of qualified/ trained persons in the particular field: a) Supervisor b) Electrician c) Helper	
11	Does your Firm/Agency/Organisation is having annual turnover of Rs. 20,00,000/- (Rupees Twenty Lakhs) in each year in the past three financial years.  a) 2021-22 b) 2020-21	

	c) 2019-20	
12	Does your Firm/Agency/Organisation is having minimum working experience of 10 (TEN) years (on 31 <sup>st</sup> March December 2019) in Annual Operation & Maintenance (AMC) of 11KV/0.433KV Electrical Sub-station with D.G Sets Operation work ?	
13	Out of total 10 (TEN) years working experience, does your Firm/Agency/Organisation is having five (5) years working experience of Central Govt. Offices/State Govt. Offices/IIT/IIM/NIT/Central Universities/State Govt. Universities in Annual Operation & Maintenance of Electrical Sub-station with DG Sets Operation work ?	
14	Does your Firm/Agency/Organisation is an enlisted/approved Electrical contractor of Central Govt./State Govt. or High profile Private sector for Annual Operation & Maintenance (AMC) of Electrical Sub-station with DG Sets Operation work ?	
15	Does your Firm/Agency/Organisation (Contractor) have been blacklisted, given any Warning Letter for non-performance and not put any penalty for lack of performance.	

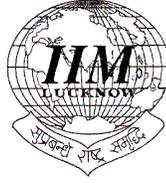
Total \_\_\_\_\_ number of pages/ documents from S.No. \_\_\_\_\_ to \_\_\_\_\_ are uploaded with the tender document and all the duty numbered, signed and stamped on each page with office seal and date.

I/We have read the terms and conditions of the tender document and understand that in case of any of the statement furnished by the undersigned is found to be false OR if any / all the terms and conditions are not complied with, the tender is liable to be cancelled and the earnest money deposited shall be forfeited by IIML NC. I/We hereby agree to abide by all the terms & conditions of the tender document.

Date:

Place:

Signature of the authorized signatory of the agency  
Official seal/ stamp



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[electricitync@iiml.ac.in](mailto:electricitync@iiml.ac.in)

**ANNEXURE-“B”**

### FINANCIAL BID

#### A. OPERATION & MAINTENANCE

S. No.	Items of Work	Qty.	Unit	Rate	Amount
1	Operation and maintenance of the 11KV/ 0.433KV electrical substation 1&2 with all components.	12	Month		
2	Operation and day to day maintenance of 1 no. 500 KVA and 2 no. 250 KVA DG Sets	12	Month		
3	Maintenance of the internal electrical installation of all the buildings in the campus.	12	Month		
4	Maintenance of the Electrical Fittings/ Installation on all side roads, compounds.	12	Month		

#### B. PREVENTIVE MAINTENANCE

The following schedule is for Preventive maintenance of the substation consisting of 5 Panel 11 KV HT Board, 3 Nos. 1000 KVA Transformers, Bus Ducting, LT Panels, Earth sets and cable terminations etc. While all specialized tools/ plants/ instruments required for the preventive maintenance is included, any material required for repair/ replacement of any items is not included, for which additional payment will be made after verifying the rate. The entire job will be done under the supervision of a qualified/ licensed Engineer and work will be done as per the manufacturer's recommendations and best engineering practice.

S.No.	Description	Qty.	Rate	Amount
	<b>Electrical Substation</b>			
1	Servicing of 5 Panel 11 KV HT Panel including general cleaning, relay lubrication as per manufacturers recommendations and meter/ relay testing and calibration with primary/ secondary injection test.	Two Job		
2	Transformer Oil filtration, dehydration and topping up Buckholtz Relay testing, checking of LT/ HT earth terminations, Di-electric testing, insulation testing, general servicing of transformer.	Three Job		

3	Transformer Oil Topping, Supply and topping up oil.	Litres.		
4.	LT Sub Panel (Power/light supply panel & AC plant panel) – cleaning, tightening of bolts examination of insulation and checking of proper termination of bus ducting of the all building & street light panel at Noida Campus	68 Job		
5.	LT Bus Ducting – Opening, cleaning, tightening of bolts examination of insulation and checking of proper termination of bus ducting of the entire substation.	Two Job		
6.	LT Panel – Capacitor panel servicing: Opening, cleaning, tightening of all bolts, checking proper termination of all cables, checking working of indication and measuring instruments.	Two Job		
7	Servicing and relay testing of all ACB's of LT panels and servicing of all MCCB's/ Switches and ensuring proper contact cleaning and termination of cables (once six months before due date).	Four Job		
8	Identifying the earth electrodes of all transformer neutrals, DG set neutrals, Body earthing and providing new earth pit covers and taking earth test measurements of all earth tests.	Two Job		
9	Painting of substation equipment's to include HT Panels, Transformers, Bus-Ducting, LT Panels, Capacitor Panels, DG Set Acoustic enclosure and substation outdoor wire mesh fencing after thoroughly cleaning the surface of all equipment's with superior paint as approved.	Two Job		
10.	Painting of substation walls/ ceiling with Oil Bound Distemper.	Two Job		
11.	<b><u>Road/ Compound Lights/ Garden Lights</u></b> Painting of all poles, marking, cleaning of all fittings, and repair of Central Switchgear of Pole. ( once in a Year )	One Job		
12.	Proper setting of loose electrical wires and cleaning of electrical installations inside the panel rooms (once in a year)	One Job		
13.	Providing and making route marker sign plates for HT lines from meter panel to buildings and substation at every 10 meter interval with height 1.5 feet.	50 Nos.		
14.	Providing & fixing 33 KV rubber mat 914.4 mm wide and 15 mm thick to withstand 11 KV dielectric strength.	16 Nos.		
	<b>Total for Serial No. 1 to 14</b>			

As per our assessment we are providing below the number of manpower required for general/ round the clock duty:

S. No	Particulars	Qualification/ Exp.	Shifts	No.
1	Supervisor	The qualified Engineer must be a Diploma Holder in Electrical Eng. (3 years) in relevant area with five years' experience OR Possessing Government Certificate of Competency Class-II (Electrician) with minimum 10 years of HT supervisory certificate of appropriate agency.	General shift	1
2	Electrician	With technical qualification (ITI – Diploma) having with minimum 3 years' experience of Electrical Sub-station and. D.G Sets Operation work.	General Shift	03
3	Helper	Minimum 1 year experience of Electrical Sub-station and. D.G Sets Operation work.	General Shift	03

I/We have fully read and understood the total 'TERMS & CONDITIONS' mentioned in the tender document **NIT No. – IIMLNC/----- Dated -----st 2022** containing paras/points as well as Terms and Conditions specified at Annexure "A" (Technical Bid) & Annexure "B" (Financial Bid) with the bid documents, which are submitted herewith duly signed by me/us on all pages in token of having accepted the same in TOTO and I/We have made my/our offer keeping in view of the terms and conditions

Date:

Place:

Signature of the authorized signatory of the agency  
Official seal/ stamp