



भारतीय प्रबंध संस्थान, लखनऊ नोएडा परिसर

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; Email: purchase_iimlnc@iiml.ac.in ; electricitync@iiml.ac.in

Ref.No.: IIMLNC/AMC/SUBSTATION/2024-25/02

Date: 28th Aug 2024

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 a price bid. The technical bid and price bid duly filled may be uploaded on the 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 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, and Noida-201307 (UP).
Earnest Money Deposit	Rs 40,000/- (Rupees Forty Thousand only)
Period of Contract	04 years (1+1+1+1)
Date of issue of tender document	Wednesday 28th August 2024
Last Date for submission of tender document	Thursday 19th Sep 2024 at 3:00 PM
Pre-Bid Meeting Date & Time and Venue	Wednesday, 04 th September 2024 at 11:30 AM Meeting Room IIM, Lucknow Noida Campus
Date of opening of Technical Bid	Friday, 20 th Sep. 2024 at 3:00 PM
Date of opening of Financial Bid	This will be intimated later on
Date of starting of work	As per the date of the Work Order

Head Administration
For Indian Institute of Management Lucknow
Noida Campus



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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, and 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.

The complete tender document is available on the website www.eprocure.gov.in. This tender document is also available on the Institute website: www.iiml.ac.in. Tenders uploaded without proper information, without documentary evidence, 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**

A copy of the EMD receipt should be uploaded to the website www.eprocure.gov.in. Eligibility criteria norms are as follows: -

- a) The Firm/Agency/Organization (Contractor) should have submitted an undertaking on company letterhead to do operation and maintenance works and to do replacement works with genuine spares/parts with the original equipment manufacturer (**OEM**).
- b) The Firm/Agency/Organization (Contractor) should have a minimum working experience of 10 (TEN) years (**on 31st March 2024**) in Annual Operation & Maintenance (AMC) of 11KV/0.433KV Electrical Sub-station and. D.G Sets Operation work.
- c) Out of a total of 10 (TEN) years of working experience, the Firm/Agency/Organization (Contractor) should have five (5) years (**on 31st March 2024**) 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/Organization (Contractor) should be an enlisted/approved Electrical contractor of the 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/Organization (Contractor) should have a minimum annual turnover of Rs. 20,00,000/- (Rupees Twenty Lakhs) in each year in the past three financial years.
 - f) The Firm/Agency/Organization (Contractor) should not be blacklisted, given any Warning Letter for non-performance and not put any penalty for lack of performance.
 - g) The Firm/agency must follow the central wages rule as per the Minimum Wages Act (GOI) and must follow the wages as per VDA April'2024 decided by the Ministry of Labour and Employment (GOI), the wages may be changed from time to time as applicable/decided by the ministry.
1. All agencies/firms/Contractors are requested to visit & inspect the site (IIML-Noida Campus, B-1, Institutional Area, Sector-62, and 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 the 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 **Annexure – “A”**.
 4. Micro and Small Enterprises (MSEs) as defined in the MSE Procurement Policy issued by the 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 the tender must be excluding of GST. The rate should be inclusive of payment of dues by the contractor to the Central Labour Department by the prevailing Labour law, including all statutory liability fixed by the Labour Commissioner or any other law enforcement agency.
 6. All Central, State, and Local laws & by-laws applicable will be observed by the contractor and the Indian Institute of Management Lucknow will be kept indemnified of such payable by the contractor.
 7. No support of manpower, 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 and 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 the award of the contract without bearing Interest.
 9. The successful bidder's EMD will be discharged upon the bidder's submission of the performance Security in the shape of the Bank Guarantee. The Bank Guarantee should be 10% of the estimated annual work value along with the acceptance of the contractor as security. The Bank Guarantee should be in favor of the 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, the appropriate penalty will be levied by the 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 the 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 person's agencies/firms/Contractor on each page of the Technical Bid as well as the Financial Bid as proof to confirm the acceptance of the entire Terms & Conditions of the Tender. Tenders 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 before the award of the contract without assigning any reason whatsoever. No claim, whatsoever, shall be entertained on this account. The decision of the 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 canceled and Performance Security deposited in the Institute shall be forfeited without any claim whatsoever on the Institute. Further, the Institute can also take action as appropriate under the extant laws.

Validity Period of Bid

The 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 an extension will not be permitted to modify his bid.

GENERAL TERMS & CONDITIONS OF CONTRACT

1. The period of the contract will commence with effect from the date mentioned in the work order/contract agreement and shall remain valid initially for one year (twelve months). Further, the contract period is subject to renewal for up to Three (3) years every year 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 the 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. The Institute reserves 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 carried out.
4. The Firm/Agency/Organization (Contractor) shall submit supportive documentary evidence regarding the name, residential address, qualifications, and experience of the qualified Engineer/technician who will visit the site to attend the operation and maintenance of the 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 the award of the contract. The contractor is solely liable for compensation to its technicians on the amount of any casualties, accidents, or otherwise.
5. The Director, IIML will at his/her sole discretion 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 a maximum of Rs. 1000/-per fault per day.

Major breakdown – Rs. 1000/- per day of delay subject to a 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 the 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 the substation.
 - a. The qualified Engineer must be a Diploma Holder in Electrical Eng. (3 years) in a relevant area with two years experience OR an ITI Diploma holder in a relevant area with a minimum of five years experience OR Possessing a Government Certificate of Competency Class-II (Electrician) with minimum 10 years of HT supervisory certificate of the 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 the 4th 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. A list of qualified engineers/technicians shall be furnished and any change must be informed to the institute accordingly before the changes are 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 the 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 a valid license where required. Any person not found suitable will be removed and a suitable replacement provided on a priority basis.
 12. All staff will wear uniform/ safety shoes to be provided by the contractor. All staff will be given weekly holiday and suitable leave as per Central 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 case. All liabilities, arising out of any legal dispute, accidents, breakdown, etc. shall be borne/paid by the contractor. He would also identify the Institute for any loss, damage of property, or life arising out of the 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 for paying compensation/medical care to any of the staff.
 14. The Firm/Agency/Organization (Contractor) shall abide by all applicable laws including labor and all statutory provisions and deductions, and welfare Laws (ESI, PF, and BONUS, levied by the Government of India 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 whatsoever.
 15. For the 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 the substation/pump house, all materials like measuring instruments, switch handles, fuses, lamps, scaffolding, 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, the institute will deduct the amount form the 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 the jurisdiction of Lucknow Court.

18. TAX, Octroi in respect of this contract shall be payable by the contractor and the 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 statements 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 canceled 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 the 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, switchboards, 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
 - h) Any other work assigned by the estate officer/officer in charge
4. Underground Cabling from Sub-station to various buildings/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, switchboards, 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 of 3 years' experience OR Possessing a Government Certificate of Competency Class-II (Electrician) with a minimum of 10 years of HT supervisory certificate of the appropriate agency. Besides each shift will have one licensed electrician and a helper.

Hourly log book entry will be maintained as per the CPWD log book with all relevant parameters like voltage, current, on duty every hour. It will be ensured 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 keep 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 readings have to be kept as per the 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 keep proper accounting for the same.

Preventing maintenance of the DG Sets is 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 a licensed wireman/electrician/helper of the required number as per the discretion of IIML-NC. This includes preventing maintenance as per CPWD Electrical specifications. All the switchboards/DBs 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, its locating and rectification is beyond the scope of this contract. However, the contractor will maintain the UG cabling and arrange 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.



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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/Organization	
2.	GST No. of the Firm/Agency/Organization	
3.	PAN No. of the Firm/Agency/Organization	
4	Complete Address of the Firm/Agency/Organization	
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/Organization have an annual turnover of Rs. 20,00,000/- (Rupees Twenty Lakhs) in each year in the past three financial years? a) 2021-22	

	b) 2022-23 c) 2023-24	
12	Does your Firm/Agency/Organization have minimum working experience of 10 (TEN) years (on 31 st March 2024) in Annual Operation & Maintenance (AMC) of 11KV/0.433KV Electrical Sub-Station with D.G Sets Operation work?	
13	Out of a total of 10 (TEN) years of working experience, does your Firm/Agency/Organization have five (5) years of 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	Is your Firm/Agency/Organization 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/Organization (Contractor) have been blacklisted, given any Warning Letter for non-performance, and not put any penalty for lack of performance.	
16	Has your firm/agency/organization (contractor) submitted an undertaking to follow the minimum wage rules for their manpower deployed at the site followed by the Ministry of Labour and Employment, Government of India ?	

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 the office seal and date.

I/We have read the terms and conditions of the tender document and understand that in case any of the statements 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 canceled 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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ANNEXURE-“B”

FINANCIAL BID FORMAT

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 2 no. 500 KVA and 2 no. 250 KVA DG Sets & 1 No. 320 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
	Electrical Substation			
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.	2 Job		
2	Transformer Oil filtration, dehydration and topping up Buckholz Relay testing, checking of LT/ HT earth terminations, Di-electric testing, insulation testing, general servicing of Transformer.	3 Job		
3	Transformer Oil Topping, Supply and topping up oil.	1 Liters.		
4.	LT Sub Panel (Power/light supply panel & AC plant panel) – cleaning, tightening of bolts examination of insulation and checking of proper	68 Job		

	termination of bus ducting of the all building & street light panel at Noida Campus			
5.	LT Bus Ducting – Opening, cleaning, tightening of bolts examination of insulation and checking of proper termination of bus ducting of the entire Substation.	2 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.	2 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).	4 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.	2 Job		
9	GI plate earthing of size 600 x 600 x 3 mm earthing with top funnel 1.25 inch G.I Pipe earth electrode with G.I Nut, bolts & washer with earth pit cover complete as per cpwd specification.	12 Job		
10	Supply & Laying of G.I Strip 25 x 3 mm and connecting the same with earth pit and upto the required site as per requirement	500 Meter		
11	Supply, installation and testing of Spares FRCD of Bus coupler for CNCS 1600 A ACB(Make: L & T)	2 Nos.		
12	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.	2 Job		
13.	Painting of substation walls/ ceiling with Oil Bound Distemper.	2 Job		
14.	<u>Road/ Compound Lights/ Garden Lights</u> Painting of all poles, marking, cleaning of all fittings, and repair of Central Switchgear of Pole. (once in a Year)	1 Job		
15.	Proper setting of loose electrical wires and cleaning of electrical installations inside the panel rooms (once in a year)	1 Job		
16.	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.	150 Nos.		
17.	Providing & fixing 33 KV rubber mat 914.4 mm wide and 15 mm thick to withstand 11 KV Dielectric strength.	16 Nos.		

18	Supply of Exide Battery Heavy Duty 180 AH 12 Volt with brass terminal complete connection for DG sets.	6 Nos		
19	Replacement of incomer power supply incomer switch(DTH 800 MCCB 415 VOLT 50 KA) OF 500 KVA DG set at substation No. 01	2 Job		
20	Procurement of online UPS 1 KVA with inbuilt battery system for power supply of PLC Panel at substation No.01	1 Job		
21	Replacement of undervoltage Relay & timer switch in main LT panel at substation No.01	4 Nos.		
22	Supply & installation of 400 A,3 pole 50 KA MCCB(Make: Schneider)	1 No.		
23	Supply & installation of 200 A,3 pole 50 KA MCCB(Make: Schneider)	1 No.		
24	Supply & installation of 800 A,3 pole 50 KA MCCB(Make: Schneider)	1 No.		
25	Supply & installation of 630 A, 3 pole 50 KA MCCB(Make: Schneider)	1 No.		
26	Supply & replacement of damaged LT ACB Front Fascia.	5 Nos.		
27	Servicing of Geyser 25 Liter at IPMX Hostel/MDP/Faculty Housing/other locations at Campus	100 Jobs.		
28	Repairing &Replacement of Element, relay, thermostate, seal packing of Geyser 25 Litre(Make: bajaj/other make)	100 Jobs.		
29	Repairing, servicing of water cooler including gas charging, olp, relay, filter, gate valve replacement.	25 Jobs.		
30	Repairing of Fly catcher machine including tube replacement.	30 Jobs		
31	Repairing and Rewinding of Motor of pedestal fan(12 inch),Lift fan & Exhaust fan(washroom)	30 Jobs.		
32	Repairing, rewinding, servicing, shaft replacement of 2 HP/3HP/5 HP pump/motors of STP,Pump House & other locations.	5 Jobs		
33	Repairing & servicing of mercury heater including tube replacement, mercury holder and other works.	50 Jobs		
34	Earthing with copper earth plate 600 mm x 600 mm x 6 mm thick including accessories and providing masonry enclosure with cove plate having locking arrangement and watering pipe of 2.7 metere long with charcoal/coke and salt as required.	1 Set		
35	Supply & laying 25 mm x 5 mm copper strip at 0.50 meter below ground as strip earth electrode including connection/termination with nut,bolt,spring,washer etc as required.	100 meter		
36	Supply and fixing of Exhaust Fan in PLC Panel	4 Nos		
	Total for Serial No. 1 to 36			

As per our assessment we are providing below the number of manpower required for general/ round the
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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 a Government Certificate of Competency Class-II (Electrician) with a minimum of 10 years of HT supervisory certificate of the appropriate agency.	General shift	1
2	Electrician	With technical qualification (ITI – Diploma) having with minimum of 3 years' experience in Electrical Sub-station and D.G. Sets Operation work.	Round the clock	5
3	Helper	Minimum 1 year experience in Electrical substation and. D.G Sets Operation work.	Round the clock	5

I/We have fully read and understood the total 'TERMS & CONDITIONS' mentioned in the tender document **NIT No. IIMLNC/AMC/SUBSTATION/2024-25/02 Dated 28th August 2024** 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 given the terms and conditions.

Date:

Place:

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