



राष्ट्रीय प्रौद्योगिकी संस्थान नागालैंड
NATIONAL INSTITUTE OF TECHNOLOGY
NAGALAND
Chumukedima, Dimapur
Nagaland - 797 103

**TENDER DOCUMENT FOR SUPPLY AND INSTALLATION OF
HIGH MAST LIGHTING, STREET LIGHTS AND DESIGN &
INSTALLATION OF LT PANEL AT NEW 250 KVA 11KV/0.433KV
SUB STATION AT NIT NAGALAND CAMPUS**

NOTICE INVITING E-TENDER

Notice Inviting Tender No.	: NIT-N/ET/EO/2021/04-02
Tender Document Issue Date	: 13-04-2021
Last Date of Submission & Time	: 04.05.2021, 11.00 Hrs.
Technical Bid Opening Date and Time	: 05.05.2021, 12.00 Hrs.
Tender Document Fee	: Rs. 5,000/-
EMD Amount	: Equivalent to 2 percent of the quoted value
Delivery Period	: Four Weeks from the date of Purchase Order
Address for Submission of EMD & Tender Fee	: The Registrar, National Institute of Technology Nagaland, Chumukedima, Dimapur - 797 103

NATIONAL INSTITUTE OF TECHNOLOGY NAGALAND
Chumukedima, Dimapur – 797 103

NOTICE INVITING E-TENDER

Tender No.: NIT-N/ET/EO/2021/04-02

Date: 04-02-2021

National Institute of Technology Nagaland is one of the newly established Institutes by MHRD under the NIT Act 2007 to impart technical education and to promote research activities in the North East region.

Sealed Quotations are invited from the reputed Manufacturers / Dealers / Registered Suppliers for Supply and Installation of High Mast lighting, Street Lights and Design & Installation of LT Panel at new 250 kVA 11KV/0.433kv Sub-station at NIT Nagaland as per the specifications (Annexure-I), terms and conditions given, so as to reach the office of the Registrar on or before the scheduled date and time. The details of tender documents along with terms and conditions may be downloaded from the Institute's website www.nitnagaland.ac.in or <https://eprocure.gov.in/>.

The bidder shall be required to deposit the earnest money (EMD) for an amount equivalent to 2 percent of the quoted value, which is refundable and a tender document fee for an amount of Rs. 5,000/- (Rupees Five Thousand only), which is non-refundable by way of Demand Draft only. The Demand Draft shall be drawn in favour of “**IRG, NIT Nagaland**” payable at “**SBI Chumukedima**”, Dimapur. The original Demand Drafts for Tender Document fee shall be submitted in a sealed envelope bearing the following reference on the top left corner NIT No. **NIT-N/ET/EO/2021/04-02** Dated: 13-04-2021 and addressed to “The Registrar, National Institute of Technology Nagaland, Chumukedima, Dimapur, Nagaland- 797 103.

Bid(s) received beyond the due date of submission will be rejected. **The tender documents should be submitted in Government of India e-procure portal only (<https://eprocure.gov.in/cppp/>) on or before the due date and time (04-05-2021 at 11:00 Hrs). Tenders submitted by E-mails, Post, Courier, in person, etc., shall not be entertained.** The Institute shall not be responsible for any postal delay for non-receipt of the tender fee.

In the event of the due date of receipt and opening of the tender being declared as holiday for the Institute, then due date of receipt / opening of the tender will be the next working day at the same time.

1. ESSENTIAL QUALIFICATIONS FOR SUPPLY AND INSTALLATION OF HIGH MAST LIGHTING, STREET LIGHTS AND DESIGN & INSTALLATION OF LT PANEL AT NEW 250 KVA 11KV/0.433KV SUB STATION

Sealed tenders are invited under Two Bid system (Part-I: Technical Bid and Part-II: Financial Bid (**submit to Govt. e-procure portal only**)) from approved and eligible service providers meeting the following criteria:

- a) The bidder should have executed similar works within the last three financial years (i.e., 2018-19, 2019-20 and 2020-21) of
 - (i) High Mast work of value not less than 50 lakhs enclosed in a single work order.
 - (ii) LT Panel works of value not less than 8 lakhs enclosed in a single work order for 250 KVA substation and above.
 - (iii) LED Street lighting works of value not less than 4 lakhs in a single work order.
- b) All Work Orders and Completion Certificates should be enclosed.
- c) Drawing and Circuit Diagram of LT Panel should be enclosed.
- d) The bidder should have valid Electrical Contractor License with Power Department, Government of Nagaland, Air Port Authorities of India/Indian Railways or Electrical Board of any State of India for Electrical works.
- e) The Contractor should have EPF and ESIC Registration.
- f) The contractor must have filed Income Tax Returns for the past three (3) years. ITR acknowledgement should be attached
- g) The bidder should produce back up documents like Work orders, Work completion certificates for the above mentioned works.
- h) The bidder should assure and submit self-certificate for availability and supply of spares for next 2 years for the materials to be supplied.
- i) The bidder should furnish the certificate of PAN, GST number and IT Returns of last three years.
- j) The bidder (in case of authorised dealer) should provide the authorised certificate from the OEM/Manufacturer for the providing the same equipment as per the specification mentioned in the Annexure-I.
- k) The manufacturer / dealer should assure and submit self certificate for availability and supply of spares for next 3 years for the materials to be supplied.

Note:

All the supporting documents should be attached with the Technical Bid, without which the tender will be rejected. The bidder need to bring the above original documents at the time of technical opening for the verification.

2. Instructions to Bidder for Submission

- a) Interested firms meeting the criteria are required to submit the **Bid only through Government of India e-procure portal only** i.e. <https://eprocure.gov.in/cppp/>.
 - b) Bid(s) received beyond the due date of submission will be rejected. No tender document will be entertained by Post/E-mail/FAX.
 - c) The Institute shall not be responsible for any postal delay about non-receipt / non-delivery of the tender fee.
 - d) Technical bid(s) will be opened on 05-05-2021 at 12.00 Hrs. in the Conference Hall, Administrative Block of the Institute in the presence of the bidder(s) or their authorized representative(s) who are present at the scheduled time.
 - e) In the event of the due date of receipt and opening of the tender being holiday/declared as holiday for the Institute, then due date of receipt / opening of the tender will be the next working day at the same time.
 - f) Any amendment or addition made to the tender are not permissible after opening of the tender. Incomplete tenders will be rejected.
 - g) 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.
 - h) The rate quoted should be valid for a minimum period of 90 days. No claim for escalation of the rate will be considered after opening the tender.
 - i) The Institute reserves the right to accept in part or in full any quotation(s) or reject any or more quotation(s) without assigning any reason or to cancel the tendering process and reject all quotation(s) at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder or bidder(s).
 - j) A prospective bidder requiring any clarification of the tender document may communicate to the Registrar, NIT Nagaland. The bidders can visit NIT Nagaland to inspect the location or clearing any of their doubts.
 - k) At any time prior to the last date of receipt of bids, Institute may for any reason, whether at its own initiative or in response to a clarification requested by prospective bidder, modify the tender document by an amendment.
 - l) The bidder should strictly adhere to the specification and releasing of the payment is subject to satisfactory report by the Institute / concerned authorities.
 - m) The rates should be quoted in Indian Rupee including all taxes and Freight charges at F.O.R destination at NIT Nagaland, Chumukedima, Dimapur - 797103.
- 3. Delivery:** The delivery should be completed within Four Weeks from the date of issue of the Purchase Order.
- 4. Payment Terms:** Payment of 70 percent of the order value shall be released after completion of the entire work and balance payment of 30 percent shall be released after satisfactory inspection report duly certified by the NIT Nagaland/ in-charge.
- 5. Taxes:** as applicable.
- 6. Guarantee:** An undertaking should be given to repair or replace any part found defective due to faulty design or bad workmanship during the period of two years from the date of delivery of goods to the Institute at free of charge. Delivery of free replacements or repaired parts should be effected free of charge to the Institute within a reasonable period stipulated.

- 7. Warranty:** Two Years comprehensive on-site warranty and it will be started from the date of the satisfactory supply and installation with expected requirements.
- 8. Other terms & Conditions:** For other terms & conditions please refer our standard conditions.
- 9. Force Majeure:** If the performance of the obligation of either party is rendered commercially impossible by any of the events hereafter mentioned that party shall be under no obligation to perform the agreement under order after giving notice of 15 days from the date of such an event in writing to the other party, and the events referred to are as follows:
- Any law, statute or ordinance, order action or regulations of the Government of India,
 - Any kind of natural disaster, and
 - Strikes, acts of the Public enemy, war, insurrections, riots, lockouts, sabotage.
- 10. Performance Bank Guarantee (PBG):** In case of items with order value of Rupees five lakhs (INR 5,00,000/-) and above, the successful bidder shall furnish an unconditional PBG (as per format at Annexure II) for 5% of the Purchase Order value from a scheduled Bank of India, after receiving the purchase order. Where the PBG is obtained by a foreign bank, it shall be got confirmed by a Schedule Indian bank and shall be governed by Indian Laws and be subject to the jurisdiction of courts at Dimapur. The PBG shall guarantee that,
- The Vendor guarantees satisfactory operation of the Equipment & components against poor workmanship, bad quality of materials used, faulty designs and poor performance.
 - The Vendor shall, at his own cost, rectify the defects/replace the items supplied, for defects identified during the period of guarantee.
 - This guarantee shall be operative from the date of installation till 60 days after the warranty period.
- 11. Applicable Law:**
- i. The contract shall be governed by the laws and procedures established by Govt. of India and subject to exclusive jurisdiction of Competent Court and Forum in Dimapur / India only.
 - ii. Any dispute arising out of this purchase shall be referred to the Director NIT Nagaland, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator, who should be acceptable to both the parties, to be appointed by the Director of the Institute. The decision of such Arbitrator shall be final and binding on both the parties.

REGISTRAR

CONTRACT FORM

[To be provided by the bidder in the business letter head]

1. (Name of the Supplier's Firm) hereby abide to deliver / establish the by the delivery schedule / completion time as mentioned in the tender document for supply of the items if the purchase order is awarded.
2. The item will be supplied conforming to the specifications stated in the tender document without any defect and deviations.
3. Warranty will be given for the period mentioned in the tender document and service will be rendered to the satisfaction of NIT Nagaland during this period.

Signature of the Bidder :

Name and Designation :

Business Address :
.....
.....

Place :

Date:

Seal of the Bidder's Firm

SUMMARY SHEET I – TECHNICAL BID

Sl. No	Specifications/Requirements	Vendor Specification	Compliance (Yes / No)
1	Supply and Installation of High Mast lighting, Street Lights and Design & Installation of LT Panel at new 250 kVA 11KV/0.433kv Sub-station (Detailed Specifications given in Annexure-I)		

Signature of the Bidder _____

Seal of the Bidder's Firm _____

SUMMARY SHEET II – FINANCIAL BID

ANNEXURE-I

Sl. No.	Description	Unit	Qty.	Rate	Amount
A	Supply of High Mast Lighting, LT Panel at new 250 kVA 11kv/0.433kv Sub station and Street Lights				
I	Supply of High Mast Lighting				
I(a)	Supply of 20 M High Mast system with winch motor, complete accessories (mechanical and electrical) suitable for operating Nine (10) numbers of luminaires mounting.	Nos.	2		
I(b)	Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plates.	Set	2		
I(c)	Supply of Control panel Housing 32 A TPN MCB Incomer, astronomical timer, contactor circuit, Switches, etc for controlling Luminaires & Motor.	Nos.	2		
I(d)	Supply of 4 core 25 Sqmm Al. Armoured cable (Havells make/Equivalent) for power supply to High Mast Panel from the main panel with termination lugs, etc.	Mtrs.	100		
I(e)	Supply of Tempo LED high power floodlight luminaire 250 W with unique flood optics for uniform distribution and power saving upto 50% (Philips Make/Equivalent)	Nos.	20		
I(f)	Supply of LED aviation obstruction light	Nos.	2		
II	Design and Supply of LT Panel at new 250 kVA 11kv/0.433kv Sub station				
II(a)	Design, drawing with circuit diagram of LT Panel & Supply of: a) floor mounted, Double Door Al. Bus bar, Power Coated 16 SWG sheet, Angle frame with wiring retrofittings LT PANEL; comprising of: Schneider make, one (1) No. 400 A incomer MCCB, one (1) No. On load Changeover, twelve (12) NOS 100 A MCCB, two (2) NOS 63 A MCCB and associated accessories, like rotary handles, digital multifunction meter, etc. for controlling Power supply to Quarters, High Masts and Street Lights. b) Astronomical timer for automatically controlling new Street lights with associated accessories to be mounted in the panel. c) 400 Sq mm 3.5 core Al. Armoured cable from 250kVA 11kv/0.433kv Substation to the panel with terminating lugs and accessories.	Set	1		
III	Supply of Street Lights (30-35 Mts Span)				
III(a)	35 Watts LED Street Lights. Efficacy of 100 lm/w (Philips/Equivalent)	Nos.	30		
III(b)	Junction Box bus bar with 6 amp MCB, 1.5 Sq mm 3 core Flexible copper wire 8 Mts each, PVC Pipe, lugs, clamps etc.	Set	30		
III(c)	25 Sq mm 3 Core aluminium armoured cable (Havells/Equivalent)	Mtrs.	600		
*TOTAL A (Supply)					

B	Installation of High Mast Lighting, LT Panel at new 250 kVA 11kv/0.433kv Sub station and Street Lights				
I	Installation of High Mast Lighting				
I(a)	Construction of suitable shallow foundation with 1:2:4 concrete for the highmast considering safe soil bearing capacity at site as 10 T/sqmtr at 2 mtr depth with all materials.	Nos.	2		
I(b)	Erection of mast with the help of crane, suitable equipments & wiring of luminaires with all wiring materials.	Nos.	2		
I(c)	Earthing with 2.5 M long 40 mm dia GI Pipe including connection to High mast earth terminal with 25 x 3 mm GI flats with all materials and labour.	Nos.	4		
I(d)	Erection of the panel on suitable foundation including all materials including anti weed, PCC treatment around the panel and high-mast	Nos.	2		
I(e)	Laying of 25 sqmm cable including all civil works like construction of cable trench, refilling of soil/concrete along the trench and at road crossings.	Mtrs.	100		
II	Installation of LT Panel at new 250 kVA 11/.433kv Sub station				
II(a)	Erection of the panel - Annexure A, 2(a) and laying of 400 sqmm cable including construction of cable trench, refilling of soil/concrete along the trench and at road crossings.	Set	1		
III	Installation of Street Lights (30-35 Mts Span)				
III(a)	Erection, grouting, sanding and painting of Street Light Poles and Pole brackets for Street Lights.	Nos.	30		
III(b)	Fixing of Street Lights, wiring of cables, joints, complete	Set	30		
III(c)	Laying of 25sq mm 3 core aluminium armoured cable.	Mtrs.	600		
*TOTAL B (ERECTION)					
*GRAND TOTAL (A+B)					

*** Submit through e-procure portal only**

**Total (in
Rs _____)**

Signature of the Bidder _____
with Seal of the firm