राष्ट्रीय प्रौद्योगिकी संस्थान
NATIONAL INSTITUTE OF TECHNOLOGY
राउरकेला ROURKELA – 769008, ओडिशा ODISHA

LIMITED TENDER ENQUIRY

Enquiry No.: NITR/PW/CIC-LTE/2026/390 Date 05/11/2026
Name of Tender: Supply of Network Switches.

Date Schedule

Document Submission Start Date	05/11/2026, 18:50 Hrs.
Last Date & Time for Submission of Bid	26/11/2026, 10:00 Hrs.
Date & Time of opening of Bid	27/11/2026, 10:00 Hrs.

Cover Details

1) Cover – I: Technical Bid upload all the documents including annexure(s) in single pdf.
2) Cover – II: Financial Bid upload only quotation / price bid (BOQ).

Dear Sir / Madam,

We intend to purchase the goods as specified **(Annexure-1)** and invite online bid in accordance with the terms and conditions detailed in the bid document. Tender Documents may be downloaded from Central Public Procurement Portal https://eprocure.gov.in/eprocure/app or the NIT Rourkela website https://www.nitrkl.ac.in/PurchaseSection/GoodsTenders.

Contact, if any query:

Head, Computer & Informatics Centre
National Institute of Technology Rourkela, Rourkela, Odisha 769 008
Tel.: 0661 -246-2671
Email: hod-cic@nitrkl.ac.in

INSTRUCTION FOR SUBMISSION OF QUOTATION

1. **Tender Fee & Earnest Money Deposit (EMD):** A non-refundable Tender Fee of Rs. 1500/- (Rupees One Thousand Five hundred only) and refundable EMD of Rs. 1,00,000/- (Rupees One Lakh only) to be deposited through ONLINE mode only using NET-BANKING / NEFT / IMPS to the designated bank account of NIT Rourkela as detailed below:

   Bank Name: State Bank of India
   Branch: NIT Campus, Rourkela, Odisha
   Account Name: Security Deposit Account
   Account No.: 30046305869
   IFSC: SBIN0002109

2. **EMD Exemption:** Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) for goods produced and services rendered, are exempted from paying EMD/Bid Security. Accordingly, MSEs shall be required to submit valid Udyam Registration Certificate for availing benefit under MSE Procurement Policy. The benefit as above to MSMEs shall be available only for Goods produced and services rendered by MSMEs. **However, traders are excluded from the purview of MSME Procurement Policy.**

3. Startup(s) as recognized by Department for Promotion of Industry and Internal Trade (DPIIT), Govt. of India, are exempted from paying EMD/Bid Security. However, they have to enclose valid self-attested registration certificate(s) along with the tender to this effect.

4. Eligible MSE and startup bidders who seeks exemption for paying EMD/Bid Security as per above clause, if they withdraw or modify their bids during the period of validity, or if they are awarded the contract and they fail to execute the contract, or to submit a performance security before the deadline defined in the request for bids document/contract, they will be suspended for the period of three years or for a period as decided by the competent authority from being eligible to submit bids for future contracts with the NIT Rourkela. Bidders should submit the duly filled and signed declaration as per the attached format in Annexure – III.

5. **Bidder Turn Over Criteria**: The minimum average annual financial turnover of the bidder during the three financial years, ending on 31st March 2026, should be Rs. 1,50,00,000 (One Crore and Fifty lakhs). Documentary evidence in the form of certified Audited Balance Sheets of relevant periods OR a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid.

6. **Bidder Experience Criteria**: The bidder must have supplied same or similar category products during last 5 financial years ending on 31 March 2026. Relevant documents in support of the experience criteria must be submitted along with the bid.

7. **Manufacturer Authorization**: Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation,address, e-mail Id and Phone No. required to be furnished along with the bid.

8. **Data Sheet** of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

9. **Warranty and Support**: Warranty period of the supplied products shall be 5 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the warranty period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance

Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

10. **Rate:** The rate quoted must be inclusive of all the taxes & incidental charges. The bidders should quote their rates in clear terms without ambiguity in Price Bid (BOQ). In case of discrepancy between the rates in figures and words, the rate in words shall prevail.

11. **Documents to be submitted:**

    (i) Cover – I: Technical Part (all documents must be self-attested)

    a) Copy of Valid Legal Status (Proprietorship / Partnership / Public Limited / Private Limited)
    b) Copy of Valid PAN Card
    c) Copy of Valid GST Registration Certificate
    d) Duly filled and signed (Tender Acceptance Letter)
    e) Duly filled and signed Bid Security Declaration (For EMD exempted bidder)
    f) Bid specific OEM Authorization letter
    g) Relevant document in support of Bidder's experience criteria
    h) Relevant documents in support of the Bidder's turnover criteria.
    i) Data Sheet of the Products offered
    j) Escalation Matrix for Service Support
    k) Warranty declaration on OEM letterhead

    (ii) Cover – II: Price Bid (Duly filled and signed Price Bid)

    NOTE: Bids not accompanied by any of the above documents shall be rejected summarily.

12. Late bids, that is, bids received after the specified date and time of receipt shall not be considered.

13. **Period of Validity:** A quotation shall remain valid for acceptance at least for a period of 120 days from the date of opening.

14. **Rejection of Bid / Offer:** The Institute reserves the right to reject any or all bid / offer without assigning any reason thereof.

15. The bid document / resultant contract shall be interpreted under Indian Laws.

16. The lowest quoted value amongst responsive bidders shall be accepted, and an acceptance / purchase order shall be issued. However, in exceptional circumstances, where the price offered by Lowest (L1) bidder is not reasonable, a negotiation shall be held only with that bidder.

17. The Acceptance Letter / Purchase Order would be issued to the successful bidder(s) notifying the quantity and schedule of delivery.

18. In case the successful bidder does deliver the mentioned Goods or in delays supply of goods, the EMD shall be forfeited, and other actions initiated, including resale of the goods in question at the risk and cost of the defaulter.

19. In case the lowest acceptable bidder cannot accept supply the mentioned goods, the remaining quantity shall be offered to the next lowest bidder(s) at the price offered by the lowest acceptable bidder.

20. If the bidder's offer is not accepted, the bidder's EMD shall be refunded to the firm. No interest shall be payable on such refunds. The EMD deposited by the successful bidder shall remain with the NIT Rourkela supply of all the goods. Upon successfully lifting of all items, EMD shall be refunded within 15 days.

21. **Delivery Period:** The goods are required to be delivered at designated department / office of NIT Rourkela within 60 days from the date of placement of Purchase Order under the risk and arrangement of the bidder and offers with delivery beyond the above period shall be treated as

unresponsive. In case the delivery time is higher, the same must be mentioned clearly in the quotation.

22. **Award of Contract:** Contract shall be awarded to lowest quoted (L1) bidder along with submission of all the technical documents as mentioned. **Lowest (L1) bidder shall be determined on overall quoted price in Price Bid (BOQ).**
23. **Performance Security / Security Deposit:** The successful bidder upon receipt of the Award of Contract shall have to deposit a Performance Security (PS) of 3% of total contract value, within 15 days after issuance of Award of Contract. Performance Security may be furnished in the form of Bank Guarantee (including e-bank guarantee) issued / confirmed from any of the scheduled banks in India, ONLINE mode using NET-BANKING or payment online in an acceptable form. Performance Security shall remain valid for a period of 60 days beyond the date of completion of all contractual obligations.
24. If the bidder, fails to furnish the Performance Security within the specified period, NIT Rourkela at its discretion to annul the award and enforce Bid Security Declaration (in lieu of forfeiture of the Bid Security / EMD), in addition to other administrative punitive action as deemed appropriate.
25. **Payment Terms:** Unless otherwise stipulated in the Purchase Order, 100% payment shall be made against successful delivery and acceptance of the goods by NITR as confirmed by the consignee, endorsed by the indentor and approved by the indentors' Head of Department / Section.
26. Tax invoices (in triplicate) shall be in original and shall contain the NITR Purchase Order number, and a description, the quantities, unit and total price(s) of the Goods delivered. The currency of the invoice and payment shall be as specified in the Purchase Order.
27. The NITR shall not pay any charge for late payments. No advance payment of any type (Mobilization, secured advances etc.), shall be made by the Institute to the contractor.
28. **Liquidated Damages:** The liquidated damages shall be levied, for delay in supply beyond the contractual delivery date at the rate of 1% per unit per week of delay or part thereof on delayed supply of goods and / or services until actual delivery or performance subject to a maximum of 10% of the contract price of the equipment the delivery of which is delayed, for each month or part of a month.

Annexure – I: Technical Specification of the Network Switches

A. Technical Specification for 48 port Non-POE Gigabit Layer-2 managed switch with 10G fiber uplink ports (Qty: 35)

1. Should be rack mountable.
2. Should have minimum one internal PSU and two internal fans.
3. Should have minimum 48 x 1G copper/RJ45 ports.
4. Should have minimum 4 x 10G SFP+ ports.
5. Should have built-in USB port to facilitate upload/download of configuration files and Firmware updates.
6. Should support dual firmware image architecture.
7. Should have non-blocking architecture with minimum 176 Gbps switching fabric/bandwidth and minimum 130.9 Mpps packet forwarding rate.
8. Should support minimum 256 VLANS, 16K MAC addresses database size and 512 Multicast groups.
9. Should support advanced features such as IPv4/IPv6 static routing, DHCP snooping and VLAN routing.
10. Should support services such as Broadcast, Multicast and unknown Unicast storm control, STP (Rapid STP & Multiple STP) and DHCP Relay.
11. Should support 802.1x RADIUS Network Access Control, L2/L3 ACLs, DoS attacks prevention, Network Storm protection and Dynamic ARP inspection.
12. Should support Voice VLAN with SIP protocol and LLDP-MED IP phones.
13. Operating Temperature should be from 0° to 50°C (32° to 122°F).

B. Technical Specification for 24 port Non-POE 10Gigabit Layer-3 managed switch with 10G fiber uplink ports (Qty: 03)

1. Should be rack mountable.
2. Should have minimum one internal PSU and two internal fans.
3. Should have minimum 12 x 1G/2.5G/5G/10G copper/RJ45 ports.
4. Should have minimum 12 x 1G/10G SFP+ ports.
5. Should have built-in USB port to facilitate upload/download of configuration files and Firmware updates.
6. Should support dual firmware image architecture.
7. Should have non-blocking architecture with minimum 480 Gbps switching fabric/bandwidth and minimum 350 Mpps throughput.
8. Should support minimum 4K VLANS, 16K MAC addresses database size, 4K (IPv4 + IPv6) Multicast groups and L2/L3 100 ACLs.
9. Should support advanced features such as IPv4/IPv6 static routing, DHCP snooping and VLAN routing.
10. Should support services such as Broadcast, Multicast and unknown Unicast storm control, STP (Rapid STP & Multiple STP) and DHCP Relay.
11. Should support 802.1x Radius Port Access Authentication, L2/L3 ACLs, DoS attacks prevention, Network Storm protection and Dynamic ARP inspection.
12. Should support Voice VLAN with SIP protocol and LLDP-MED IP phones automatic QoS and VLAN configuration.
13. Operating Temperature should be from 0° to 50°C (32° to 122°F).

C. 8 port non-POE Gigabit Layer-2 managed switch with 1G fiber uplink ports (Qty: 50)

1. Should be rack mountable.
2. Should have minimum one internal PSU.
3. Should have minimum 8 x 1G copper/RJ45 ports.
4. Should have minimum 2 x 1G SFP ports.
5. Should have minimum 1 (one) Console Port.
6. Should have minimum 20Gbps bandwidth and minimum 14.5Mpps packet forwarding rate.
7. Should support 4K VLANS and minimum 8K MAC addresses database size.
8. Should support services such as Broadcast/Multicast/Unknown-unicast Storm Control.
9. Should support 802.1x Radius Port Based Authentication and DoS defense mechanism.
10. Operating Temperature should be from 0℃ to 40℃ (32℉ to 104℉).

Annexure – II: TENDER ACCEPTANCE LETTER
(On The Letter Head of the Bidder)

To,

The Registrar,
National Institute of Technology Rourkela
Rourkela – 769008
Odisha

Sub: Undertaking and Acceptance of all the Terms & Conditions of tender.

Ref.: Tender Enquiry No.:

1. I/We have received / obtained the tender document(s) for the above mentioned "Tender/Work" from the CPP Portal / NIT Rourkela website.
2. I/We have carefully read and understood all the terms and conditions including annexure(s) of the tender and undertake to abide by them.
3. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.
4. **I / We also declare that my / our firm has not declared us ineligible or blacklisted on charges of engaging in corrupt, fraudulent, collusive or coercive practices or any failure / lapses of serious nature. by Government of India / any other Government body / any other organization.**
5. I / We shall not withdraw or modify the bid submitted for the above Enquiry No. during the period of validity of the bids.
6. The information / documents furnished for this tender are authentic to the best of my/our knowledge and belief.
7. I / We, further undertake to have understood that if my / our firm M/s._____ withdraws or modifies its bids or if it fails to sign the contract or fails to submit a performance security within the stipulated deadline, my / our shall be suspended for a period at least for two years from being eligible to submit bids with National Institute of Technology, Rourkela.
8. I/We hereby unconditionally accept the tender conditions of above-mentioned tender document(s)/ corrigendum(s) in its totality/entirety.
9. I / We/ are aware of the fact that furnishing of any false information / fabricated documents would lead to rejection of my / our tender at any stage besides any liabilities towards prosecution under the appropriate law.

Thank you.

Yours faithfully,

Authorized Signatory
(Signature with Seal)

Name:
Designation:
Date:

Annexure – III: BID SECURITY DECLARATION (For EMD exempted bidder)
(On the Letterhead of the Firm)

To

The Registrar
National Institute of Technology Rourkela
Rourkela – 769008
Odisha

Ref.: Tender Enquiry No.:

Dear Sir / Madam,

I/We, the undersigned, hereby submit our Bid for the above-mentioned tender and declare the following:

1. I/We understand that, in accordance with the tender terms and conditions, bids must be supported by a **Bid Security Declaration** in lieu of Bid Security (EMD).
2. I/We accept that I/We will be **automatically suspended** from participating in any tender or contract issued by NIT Rourkela for a period of **three (3) years** or as decided by the Institute, starting from the date of bid closure, in the event that we:
    a) Withdraw our bid during the period of bid validity specified in our Letter of Bid; or
    b) Having been notified of the acceptance of our bid by NIT Rourkela during the bid validity period:
        (i) Fail or refuse to execute the contract, or
        (ii) Fail or refuse to furnish the required Performance Security in accordance with the tender terms.

I/We understand that this declaration shall be binding on us and may be used by the Institute to enforce the above penalty provisions without requiring further notice or legal proceedings.

Thank you.

Yours faithfully,

Authorized Signatory
(Signature with Seal of the Firm)

Name:
Designation:
Date: