



**NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA – 769 008, ODISHA**

Advertised Tender Enquiry

Department: Telephone Exchange

Tender notification no: - NITR/PW/TL/2019/98

Date: 26/02/2019

To

Important Dates

**Through
CPP Portal
(e-procurement)**

Event	Date	Time
Pre-bid Conference	NA	NA
Last Date of submission of bid	19/03/2019	11:00 AM
Date of opening of technical bid	20/03/2019	11:00 AM

Dear Sir,

We intend to purchase the commodities specified below and invite quotations in accordance with the terms and conditions detailed in the bid document. If you are interested, kindly send your offer with prices and complete terms within the time mentioned above.

For any clarification:

ATTENTION:
Prof. Lakshi Prosad Roy
Professor-in-Charge (PIC)
Telephone Exchange
NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA – 769 008, ODISHA

Yours sincerely,

Name: Prof.Lakshi prosad Roy
Professor-in-Charge (PIC),
Telephone Exchange

Encl:

- (1) Schedule of requirement, specifications, dates etc.**
- (2) Bid document containing detail terms and conditions.**

1. Schedule of requirements

SI No	Item Description	Unit	Qty
1.	Upgradation of Existing Telephone Exchange to Mitel MX One Version 7.x or OEM released latest version. The call manager software to be loaded in NIT Rourkela data center virtualized platform.	Nos	1
2.	Supply of LIM Media Gateway with 300 Analog extension with appropriate licenses, MDF Component and Power supply system as per Technical Specification compatible to Mitel system.	Nos.	1
3.	Communication Earthing for the system with Copper.	Nos.	2
4.	IP/SIP Phone as per Specification	Nos.	100
5.	Comprehensive AMC for 03 years for the Upgraded complete Mitel Exchange and one DSLAM unit (HUAWEI, SmartAX MA 5600T) for 500 Line.	Year	3 Yrs.
6.	Installation/Testing / Commissioning charges.	Job	1

Bidder to consider cost of any other Item, required to complete the Job as per Scope of Work.

2. Specifications and allied Technical Details

* Attached user list along with the quotation

3. Format of Quotation (tick appropriate box)

It is a two part bid with separate technical and price bids

4. The bid should be submitted through <https://eprocure.gov.in/eprocure/app>

5. Quotations should be valid for a period of **90 days** from the closing date of the bid.

6. Some important dates:

i. Pre-bid Conference	Date: NA	Time: NA
ii. Last date for submission of Bid:	Date: 19/03/2019	Time: 11:00 AM
iii. Date of opening of Technical bid:	Date: 20/03/2019	Time: 11:00 AM

7. **Warranty** of minimum **03** years must be provided for all new supplied items i.e; LIM Media Gateway, Communication Earthing and New IP/SIP phone.

8. **GST:** GST should be charged according to applicable rates.

9. **Bid Security and Tender Cost:** Bid Security in shape of Banker's cheque/DD (Demand Draft) for **INR 1,10,000/-** (One lakhs ten thousand only) and Tender Cost (Non- refundable) in the form of DD for **INR 1000/-** (One thousand Only) in favor of **Director, NIT Rourkela** Payable at Rourkela from any Scheduled Commercial Bank except Co-operative and Gramin bank. And Banker's cheque/DD for the Bid-Security should remain valid for a period of **45 days** beyond the bid validity period from the date of opening of bids. Bid security of unsuccessful bidders should be returned to them at the earliest and latest on or before the **30th days** after the award of the contract. **EMD (Earnest Money deposit)** and **Tender Cost** should reach physically through speed post/ register post/courier, containing in an envelope & superscripted with subject, tender reference number addressing to **Registrar, NIT Rourkela- 769008, Odisha; Attention: PIC-Telephone on or before 20/03/2019 at 11:00 AM**
10. **Performance Security: INR 2,75,000/-** (Two Lakh Seventy five Thousand Only) in shape of Bank Guarantee/Demand Draft (DD) in favor of Director, NIT Rourkela payable at Rourkela from any Scheduled Commercial Bank except Co-operative and Gramin bank. And performance security should remain valid for a period of 60 days beyond the date of completion of all contractual obligations of the supplier including warranty obligation. And EMD (Earnest Money deposit) amount of successful bidder will be returned after the receipt of performance security in case of award of contract to successful bidder.
11. Please go through the enclosed "bid document" carefully for other bidding instructions.
12. Please send your quotations through <https://eprocure.gov.in/eprocure/app>
13. For technical details, you may contact

Prof. Lakshi Prosad Roy
Professor-in-Charge (PIC), Telephone Exchange,
National Institute of Technology,
Rourkela - 769 008
Phone: 0661 - 2462455
E-mail: pic-telephone@nitrkl.ac.in

NB: *Please furnish your Dealership Certificate (must) and Proprietary Nature Certificate (If applicable)*



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA – 769 008, ODISHA

BID DOCUMENT

1. Instructions to the bidders

- 1.1 Bids are invited on behalf of the Director, National Institute of Technology (NIT), Rourkela – 769 008, Odisha, from the intending bidders for supply of the goods/stores/ equipment for the Institute as detailed in the enquiry letter.
- 1.2 The bidders should quote their offer/rates in **BOQ** in clear terms without ambiguity.
- 1.3 In case of any discrepancy between the rates in figures and that in words, the rate in words will be accepted as correct.
- 1.4 The last date for receipt of the bid is marked in the enquiry.
- 1.5 The bids should be uploaded in <https://eprocure.gov.in/eprocure/app> Please follow the guidelines of the site.
- 1.6 If a prospective bidder requires any clarification in regard to the bidding documents, he may make a request the concerned officer or faculty member at least 15 days before the deadline for receipt of bids.
- 1.7 Each bidder shall submit only one bid. A bidder, who submits more than one bid, shall be disqualified and considered non-responsive.
- 1.8 (In respect of high value plant, machinery etc. of a complex and technical nature). The bids may be submitted in two parts, viz., technical bid and financial bid.
- 1.9 The bidder has to sign in full at all pages of the scanned part of the bidding document. No over-writing in those pages is acceptable.

2. Conditions of the bid

- 2.1 Authorization letter from OEM pertaining to this proposal should be submitted along with the proposal.
- 2.2 The award of Contract will be made on overall price (Overall Item) basis.
- 2.3 Existing infrastructure of NIT Rourkela data center virtualized platform to be used for call manager software.
- 2.4 The rates quoted should preferably be net, inclusive of packing, forwarding, freight, Insurance and all other incidental charges excluding taxes. In case these charges are quoted extra in addition to the quoted rates, the amount thereof or Ad Valorem rate must be specified. Packing, forwarding, freight, entry tax etc., when quotes separately are reimbursable at actual. If external agencies are employed, their receipts must be enclosed with the invoice.
- 2.5 Duties and Taxes are to be quoted separately. Ad Valorem rates thereof should be clearly indicated with reference to the relevant Acts and Rules.

It may be noted that the Institute is availing custom duty exemption in terms of notification no 51/96-Customs dt.23.07.1996, Notification no. – 47/2017-Integrated Tax (Rate) dt. 14.11.2017 and Notification No-45/2017- Central tax (Rate) dt.14.11.2017 [vid Registration No.: TU/V/RG-CD (227)/2016), dated 13.11.2018.]

- 2.6 The goods are required to be delivered at the indenting Department of NIT, Rourkela, and must be reached within **60 days** from the date of placement of the supply of 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.
- 2.7 The bid should remain valid for a period of **90 days** from the date of opening. In case your offer has a different validity period that should be clearly mentioned in the quotation.
- 2.8 Conditional discount, if any, offered by the bidder shall not be considered at the time of evaluation.
- 2.9 The goods offered should strictly conform to the specification and technical details mentioned in **Annexure-I**.
- 2.10 The Institute may like to conduct pre-dispatch inspection of goods, where applicable.
- 2.11 Period of guarantee/warranty, where applicable, should be specified in the bid.
- 2.12 If the successful bidder, on receipt of the supply order, fails to execute the order within the stipulated period, in full or part, it will be open to the Director, NIT, Rourkela to recover liquidated damage from the firm at the rate of 1 percent of the value of undelivered goods per month or part thereof, subject to a maximum of 5 percent of the value of undelivered goods. Alternatively, it will also be opened to the Director, to arrange procurement of the required goods from any other source at the risk and expenses of the bidder.
- 2.13 The successful bidder may be required to execute a contract, where applicable.
- 2.14 The bidder has to furnish up to date **GST and Income Tax Clearance Certificate (ITR)** for the financial year 2015-2016, 2016-2017 & 2017-2018 along with the bid.
- 2.15 Payment (100 percent) will be made by Account Payee Cheque /Bank Draft, within 30 days from the date of receipt of the goods in good condition or receipt of the bill, commissioning of the equipment, and after successful installation and demonstration where ever applicable, whichever is later/latest.
- 2.16 In case of Advance payment, the payment will be made on either in Foreign Demand Draft or Wire Transfer only. The proforma invoice copy need to be sent for advance payment.
- 2.17 In the event of any dispute arising out of the bid or from the resultant contract, the decision of the Director, NIT, Rourkela shall be final.
- 2.18 The bid document/resultant contract will be interpreted under Indian Laws.

Specifications for Upgradation & Extension of Existing Telephone Exchange with AMC.

Item No	DESCRIPTION
1.	<p>To provide voice communication facility, NIT Rourkela presently runs with IP PBX Model Mitel MX One Ver 4.x, Number of LIM: Two, Server type: HP 02 No (Primary and Secondary) for 1704 Analog extension and 504 IP extension. NIT Requires an upgradation of the existing system and add a New LIM to a new location to meet the requirement of additional Telephone line. (Bidder needs to provide compliance statement against each point as mentioned below)</p> <p>Upgradation of existing Mitel exchange:</p> <p>A. Existing version 4.x Licences to be upgraded to Version 7.x or OEM released latest version.</p> <p>B. All the existing Hardware shall be reused with the upgraded Exchange to maintain existing Telephone lines/facilities.</p> <p>C. Any release of new version by OEM within one year of purchase must be incorporated in the upgraded system by the bidder.</p> <p>D. Existing HP server (Quantity 02 number) shall be discarded and call manager should be installed on virtual server.</p>
2.	<p>New LIM Media gateway for extension:</p> <p>A. A new LIM Media gateway to be installed at FR Location area. Detailed requirement of the Media Gateway is as mentioned in this document.</p> <p>B. Existing Telephone system and New LIM should work with 100% feature transparency. It means features available with the existing system shall also be available to the users connected with New LIM.</p> <p>C. Bidder should provide MDF junction box with MDF components for 300 lines with IPM protection for all lines.</p> <p>D. Bidder shall carryout cabling job from System to system MDF. However, field copper cabling, cabling to subscriber line, OFC Cable shall be provided by NIT. Bidder should consider required Data Switch / converters etc required to connect OFC cable with the offered system.</p> <p>E. Bidder should provide floor standing 19" rack mountable solution with required number of universal slots architecture for equipped & wired capacity for flexibility in putting in any type of circuit-pack/circuit-card.</p> <p>F. Should be equipped with 300 Analog Line from Day-1. However, it should be capable of supporting 512 ports on the same gateway to meet any future expansion requirement in FR Area.</p> <p>G. It should have Duplicated ethernet port (10/100/1000 mbps) to support Network redundancy.</p> <p>H. It should be equipped with Local survivable server from Day-1, to ensure the LIM works as a standalone exchange in case of Network/Link failure.</p>

<p>3.</p> <p>4.</p> <p>5.</p>	<p>I. Analog extension connected to the LIM gateway shall be able to work for a distance of minimum 5 to 7 Kilometers for users located in a distance location.</p> <p>J. Analog Extension card of the Media Gateway should be inter-changeable with the main exchange.</p> <p>K. Bidder should provide required Power supply system for the gateway, with minimum 02 hours battery backup.</p> <p>Necessary system accessories:</p> <p>A. Communication earthing for the System.</p> <p>B. Call billing software should be provided to latest platform.</p> <p>Mitel IP/SIP Phone:</p> <p>A. Monochrome display Minimum 2.75 Inch, 128x48 Pixel graphical Display.</p> <p>B. Minimum 2 SIP Account, XML Capabilities.</p> <p>C. Dual 10/100 mbps ethernet port.</p> <p>D. Wide band Audio technology for high quality voice performance.</p> <p>E. Dedicated function keys including Transfer, Callers list, Hold, Redial, Volume keys, Mute</p> <p>F. Shall be supplied with Power adopter</p> <p>G. Minimum 3 programmable keys</p> <p>H. Full duplex quality speakerphone.</p> <p>I. Existing spare Analog extension Licences to be used to connect the IP Phone.</p> <p>J. Phones should be supplied with LAN cable for each phone.</p> <p>Comprehensive Annual Maintenance contract:</p> <p>A. After the upgradation, complete system (Existing and New LIM) to be covered with Comprehensive Annual Maintenance contract for a period of 03 years from the date of Installation.</p> <p>B. Presently running one DSLAM unit (HUAWEI, SmartAX MA 5600T) purchased in June, 2015 and guarantee expired in Feb, 2018 to be covered with Comprehensive Annual Maintenance contract for a period of 03 years.</p>
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[Note: Firm may visit the NIT Rourkela telephone exchange and planned site for new LIM media gateway prior bidding.]

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Other Qualification Criteria:

1. Bidder should have experience to carry out Maintenance services of Mitel EPABX System. Documentary evidence to be provided in this regard.
2. At Least five user names and contact from reputed organizations where same OEM equipments have been supplied and services provided by the organization. Scan copy of purchase order should be submitted with technical bid.
3. Bidder should have service center in India with appropriate spares.
4. The bidder must have a service center with spares in India with a service-level agreement (SLA) of 8 hours response time and 48 hours hardware replacement time. However, local maintenance center at Rourkela, Odisha (provide the address of the maintenance center) if available, may be preferred depending on suitability.
5. Scanned copies of the technical brochure of the above equipment and accessories (**Annexure-I**) given in the quotation must be included in the technical bid.
6. Web references must be provided along with the technical bid.
7. Pointwise technical compliance along with any deviation of the mentioned specifications (**Annexure-I**) must be indicated along with technical documents.
8. Customized equipment and accessories (as per **Annexure-I**) will not be accepted. The standard equipment and accessories (as per **Annexure-I**) will only be accepted.
9. Make and model no. should be mentioned in the technical bid.

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