



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

Limited Tender Enquiry

Department: Earth and Atmospheric Sciences

Tender Notice No: NITR/PW/ER/2018/37

Date: 17/07/2018

To

Important Dates

- 1) M/s Dell international Services India Pvt Ltd,
Bangalore
- 2) M/s Macrich IT Solutions Pvt. Ltd,
Visakhapatnam
- 3) M/s Jana Technologies, Medinipur, West
Bengal
- 4) M/s Ojas , Medinipur, West Bengal
- 5) M/s Laser System Pvt Ltd, Visakhapatnam
- 6) M/s Sainath information Technology
Visakhapatnam

| Event | Date | Time |
|---------------------------------------|------------|----------|
| Pre-bid Conference | -NA- | -NA- |
| Last Date of submission of bid | 07/08/2018 | 11:00 AM |
| Opening date of techno commercial bid | 08/08/2018 | 11:00 AM |

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

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 technical query contact to

Head, Department of Earth & Atmospheric Sciences
Attention: Dr. Krishna Kishore Osuri
National Institute of Technology
Rourkela – 769 008, Odisha
Phone: 0661 – 2462938
Email: osurik@nitrl.ac.in

Yours sincerely,

Name: Dr. Krishna K. Osuri
(PIC)

Encl:

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

1. **Schedule of requirements**

| Sl. No. | Description of Goods/Service | Quantity |
|---------|------------------------------|----------|
| 1 | Rack Server | 1 |

2. **Specifications and allied Technical Details**

For detailed specification see **Annexure 1**
Submit list of users along with the quotation.

3. **Format of Quotation** (tick appropriate box)

It is a two-part bid with separate techno-commercial 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: 07/08/2018 | Time: 11:00 AM |
| iii. | Opening date of techno commercial bid | Date: 08/08/2018 | Time: 11:00 AM |

7. **Warranty:** Warranty must be **3 years** onsite which should be clearly mentioned along with the quotation

8. **GST** should be charge according to applicable rates (if applicable).

9. **EMD (Earnest Money deposit)** in shape of Bank Guarantee/DD (Demand Draft) for **INR 41, 000/-** (Rupees Forty one thousand Only) and Tender Cost (Non- refundable) in the form of DD for INR 1,000/- (Rupees One Thousand Only) in favor of **Director, NIT Rourkela Payable at Rourkela** from any Scheduled Commercial Bank except Co-operative and Gramin bank. And Bank Guarantee/DD for the EMD (Earnest Money deposit) should remain valid for a period of 45 days beyond the bid validity period from the date of opening of bids. EMD (Earnest Money deposit) of unsuccessful bidders should be return 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: HOD(ER) on or before 08/08/2018 at 11:00 AM.**

10. **Performance Security: INR 1, 02,500/- (One Lakh two thousand and five hundred only)** in shape of Demand Draft (DD) in favor of Director, NIT Rourkela and payable at Rourkela. 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 return 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 you quotation through <https://eprocure.gov.in/eprocure/app>

13. For technical details, you may contact

Dr. Krishna Kishore. Osuri
Department of Earth & Atmospheric Sciences
National Institute of Technology, Rourkela – 769 008
Phone:0661–2462938
E-mail: osurik@nitrkl.ac.in , osurikishore@gmail.com

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, Orissa, 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 tender document.
- 1.5 The Bid should be uploaded in <https://eprocure.gov.in/eprocure/app>. Please follow the guideline 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 Bids received after the deadline of receipt indicated in Para1.4 above shall not be taken in to consideration.
- 1.8 Each bidder shall submit only one bid. A bidder, who submits more than one bid, shall be disqualified and considered nonresponsive.
- 1.9 (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.
- 1.10 The bidder has to sign in full at all pages of the scanned part of the bidding document. No over-writing in those pages are acceptable.

2. Conditions of the bid

- 2.1 The rates quoted should preferably be net, inclusive of all taxes and duties, packing, forwarding, freight, Insurance and all other incidental charges. 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 etc., when quotes separately are reimbursable at actuals. If external agencies are employed, their receipts must be enclosed with the invoice.
- 2.2 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 exempt from paying Excise Duty vide Government Notification No. 10/97 dated 01.03.1997 [Registration No.: TU/V/RGCD (227)/2011, dated 10.10.2011]. The Institute is not authorized to issue C or D forms. GST may be charged at applicable rates.

- 2.3 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.
- 2.4 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.
- 2.5 Conditional discount, if any, offered by the bidder shall not be considered at the time of evaluation.
- 2.6 The goods offered should strictly conform to the specification and technical details mentioned in **Annexure I**.
- 2.7 The Institute may like to conduct pre-dispatch inspection of goods, where applicable.
- 2.8 Period of guarantee/warranty, where applicable, should be specified in the bid.
- 2.9 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.
- 2.10 The successful bidder may be required to execute a contract, where applicable.
- 2.11 The bidder has to furnish up to date Income Tax Clearance Certificate along with the bid.
- 2.12 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, where applicable, whichever is later/latest.
- 2.13 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
- 2.14 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
- 2.15 The bid document/resultant contract will be interpreted under Indian Laws.

Technical specification for Rack Server

| SI. no | Item description | Minimum specification SERVER (1 NOS.) |
|--------|----------------------------|---|
| 01 | Form Factor | Maximum 4U rack mounted with sliding rails & cable management arm |
| 02 | Configured CPU | 4 x Intel Xeon Gold 6142 Processor, 16 Cores/32 Threads, 2.6GHz, 22MB Cache |
| 03 | Memory slots | 48 DDR4 DIMM slots supporting RDIMM / LRDIMM, up to 2666MT/s, upto 6TB. |
| 04 | Memory configured | 512GB DDR4 RDIMM @ 2666MHz |
| 05 | Disks supported | Up to 24 x 2.5" SAS/SATA/SSD |
| 06 | RAID Controller | 12Gbps PCIe 3.0, 8GB cache supporting RAID 1, 5, 10, 50, 6, 60 |
| 07 | Disks configured | 12 nos. 1.8TB 10k rpm SAS disks |
| 08 | DVD writer | External USB DVD ROM |
| 09 | I/O slots | 10 nos. PCIe x16 slots |
| 10 | Ethernet ports | 2 nos. 1G BaseT ports + 2 Nos. 10G BaseT Ports |
| 11 | Certified for | Latest versions of Windows Server, VMWare, Red Hat Enterprise Linux, SUSE Linux Enterprise Server |
| 12 | Power Supply | Platinum rated redundant hot-plug power supplies & redundant hot-plug fans |
| 13 | SD Modules slots | Dual SD module slots supporting RAID1 config |
| 14 | Pre-failure alert | Predictive failure monitoring & proactive alerts of actual or impending component failure for fan, power supply, memory, CPU, RAID, NIC, HDD |
| 15 | Power & temperature | Real-time power meter, graphing, thresholds, alerts & capping with historical power counters. Temperature monitoring & graphing |
| 16 | Configuration & management | <ul style="list-style-type: none"> • Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Out-of-band hardware & firmware inventory • Zero-touch auto configuration to auto deploy a baseline server configuration profile • Automated hardware configuration and Operating System deployment to multiple servers • Zero-touch repository manager and self-updating firmware system • Virtual IO management / stateless computing |
| | | • Support for Redfish API for simple and secure management of scalable platform hardware |
| 17 | LCD panel | Display system ID, status information and system error error code followed by descriptive text. LCD background should light up in different colours during normal system operation & error conditions. |

| | | | |
|--|---------------------------------|---|-------------------------|
| 18 | HTML5 support | HTML5 support for virtual console & virtual media without using Java or ActiveX plugins | |
| 19 | Sub-component quality assurance | All subcomponents quoted within the server should be from the same OEM & integrated in the factory | |
| 20 | Server security (Critical) | Should have a cyber-resilient architecture for a hardened server design for protection, detection & recovery from cyber attacks | |
| 21 | Server security (Critical) | Provide effective protection, reliable detection & rapid recovery from cyber-attacks using the following (names of included hardware / software etc. to be specified in remarks column): | |
| | | - Silicon-based Hardware Root of Trust | |
| | | - Signed firmware updates | |
| | | - Secure default passwords | |
| | | - Configuration and firmware drift detection | |
| | | - Persistent event logging including user activity | |
| | | - Secure alerting | |
| | | - Automatic BIOS recovery | |
| | | - Rapid OS recovery | |
| | | - Secure system erase | |
| | | Should protect against firmware which executes before the OS boots | |
| | | Configuration upgrades should be only with OEM's cryptographically signed firmware and software | |
| System lockdown feature to prevent change (or "drift") in system firmware image(s) & prevent malicious modification of server firmware | | | |
| 22 | Intrusion alert | Intrusion alert in case chassis being opened | |
| 23 | Operating System | No operating System | |
| 24 | Accessories | 1. Rack 42U, W 600 mm, D 1000 mm, H 2100 mm with sliding rails & cable management arm. <i>And</i> PDU Octagonal Socket 12 x 5/15 Amp with 32 Amp MCB and Indicator with 3mtr Cable and Industrial Plug | Quantity 1.00 |
| | | 2. Desktop with I7 processor of speed 3.40 GHz, Ram - 8 GB DDR4, Hard Disk - 1 TB; No operating system, Monitor - 22inch with key board and mouse. | Quantity 2.00 |
| 25 | Warranty | 3 years 24x7x365 remote hardware support & next business day on-site comprehensive warranty. Post installation, product warranty should reflect in the support web site of the OEM. Minimum 3years warranty / subscription should be available for all software specified (whether bundled or sold separately). | |

* * * * *