



**NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA-769008 (ODISHA)**

An Institute of National Importance under Ministry of HRD, GOI

NOTICE INVITING TENDER

Tender Notification No: NITR/PW/ME/2018/58

Dated: 24/09/2018

The National Institute of Technology, Rourkela invites bids from the eligible bidders for procurement of **High performance computing server** at NIT Rourkela.

Last date of Submission of Bid : **23/10/2018 at 03:00 PM**

Date of opening of technical Bid : **24/10/2018 at 03:00 PM**

For Details:

http://nitrkl.ac.in/OldWebsite/Jobs_Tenders/9Equipment/Default.aspx

Contact: Dr. Tarapada Roy , ME; Ph: +91-661-2462507;

Email: tarapada@nitrkl.ac.in

Bidding through: <https://eprocure.gov.in/eprocure/app>

**sd/-
REGISTRAR**



**NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA-769008, ODISHA**

(TENDER NOTICE NO.: NITR/PW/ME/2018/58

dated: - 24/09/2018)

(PURCHASE OF High performance computing server)

Item No	DESCRIPTION	Quantity
1	High performance computing server	1 Unit

1. Quantity required : **As mentioned above (All information regarding technical specification provided in the Annexure-I)**
2. Delivery : Within **60 days** from the date of purchase order
3. **Last Date of submission of Tender : 23/10/2018 at 03:00 PM**
4. **Date of opening of technical bid : 24/10/2018 at 03:00 PM**
5. The firm should not have been black listed at any time.
6. The submission of following bids by the tenderer should be through <https://eprocure.gov.in/eprocure/app>. Please follow the guidelines as per the portal.

Procurement of High performance computing server

(Tender Notice No.: NITR/PW/ME/2018/58 dated: 24/09/2018) Due on 23/10/2018 at 03:00 PM

7. **Liquidated damage clause** will be charged for any delay in supply of goods.
8. The validity of the tender shall be **90 days** from the date of opening of the bids.
9. Detailed advertisement including all tender documents is also available in our website at http://nitrkl.ac.in/OldWebsite/Jobs_Tenders/9Equipment/Default.aspx .
10. NIT reserves the right to qualify or deny prequalification of any or all applicants without assigning any reasons.

**(REGISTRAR)
NIT, Rourkela
Fax No- 0661-2462022
Ph. No -0661-2472021**

Specifications for High performance computing server

Item No	DESCRIPTION
1	<p>High performance computing server:</p> <p>Server 2U Rack Mount</p> <p>2 x Intel Xeon 2.2GHz, 22Core, 44 Threads 55M Cache (Dual CPU Populated) (44 Cores, 88 Threads)</p> <p>512 GB (16 x 32GB) RDIMM, 2400MHz, @2400MHz (24 Memory Slops) Up to 1536 GB DDR4 Memory</p> <p>3 PCI-e Low Profile Expansion Slots included + 3 PCI-e Full Height Expansion Slots</p> <p>Integrated RAID Controller, 2GB NV Cache Battery Backup RAID "0", "1" "10", "5", "50", "6" "60" Support 2 x 1.2 TB 10K RPM SAS 12 Gbps 2.5in Hot-plug Hard Drive (1.2 TB on RAID '1') For O.S.</p> <p>10 x 1.2 TB 10K RPM SAS 12 Gbps 2.5in Hot-plug Hard Drive</p> <p>DVDRW Drive</p> <p>iDRAC8 Enterprise with VFlash, 16GB SD Card Remote Management</p> <p>Intel X540 (2 x 10 Gbps) + Intel i350 2 x 1Gbps (Total 4 Ports) RJ45</p> <p>750 Watts + 750 Watts Redundant Power Supply Platinum</p> <p>High Quality Sliding Rack mount RAIL Kit</p> <p>OEM embedded controller with IPMI 2.0 compliance and Server Management Tool from same OEM. It must be able to automate management tasks and automated firmware updates. It must be able to deploy servers with zero-touch automation. System must be able to display system ID, status information, and system error messages - an error code followed by descriptive text.</p> <p>The quoted server should have the following Certification:</p> <p>Microsoft Windows Server 2012, Microsoft Windows HPC Server 2008, Novell SUSE Linux Enterprise Server, Red Hat Enterprise Linux, Sun Solaris, Microsoft Windows Server 2012 Hyper-V, VMware sphere Version, Citrix Xen Server FCC, UL, ROHS</p> <p>The server OEM must be ISO-14001 certified and present in the leader's Segment of Gartner's Magic quadrant</p> <p>3-Years Warranty must be provided.</p> <p>Details of the configuration and deviation must be provided along with technical bid.</p>

Other Qualification Criteria:

1. At least five user names and contacts from NIT/IIT/reputed Indian institute/Govt. R&D organizations must be provided where the above equipment and accessories (**Annexure-I**) have been supplied in last five years. Scan copies of the minimum five purchase orders of the above equipment and accessories (**Annexure-I**) must be enclosed along with the technical bid.
2. There must be a local maintenance center with availability of the spares in India.
3. 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.
4. Web references must be provided along with the technical bid.
5. Pointwise technical compliance along with any deviation of the mentioned specifications (**Annexure-I**) must be indicated along with technical documents.
6. 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.
7. Make and model no. should be mentioned in the technical bid.