NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA – 769 008, ODISHA

Advertised Tender Enquiry

Department: Computer Centre

Tender Notice No: NITR/PW/CC/2020/31   **Date: 20 /02/2020**

Important Dates

Event	Date	Time
Pre-bid Conference	**NA**	**NA**
Last Date of submission of Bid	**12/03/2020**	**11:00 AM**
Date of opening of Techno-commercial Bid	**13/03/2020**	**11:00 AM**

To
Bidding through
e-Procurement Portal of
Ministry of HRD, Govt. of India
(e-Wizard)

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:-
Dr.Bibhudatta Sahoo ,
Head, Computer Centre
National Institute Of Technology
Rourkela – 769008, Odisha
Phone: 0661 – 2462671
E-mail: bdsahu@nitrkl.ac.in

Yours sincerely,

_____
Name: Dr. Bibhudatta Sahoo
PIC [Computer Centre]

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	**Unified 100TB SAN Storage As per details in Annexure-A**	**01**(One)

2.   **Specifications and allied Technical Details**

For detailed specification see Annexure A

3.   **Format of Quotation**

  √   It is a two-part bid with separate techno-commercial and price bids.

4.   The Bid should be submitted through : **https://mhrd.euniwizarde.com/**

5.   Quotations should be valid for a period of **120 days** from the date of opening of techno-commercial bid.

6.   **Some important dates:**

i.	Pre-bid Conference:	Date: **NA**	Time: **NA**
ii.	Last date for submission of bid :	Date: **12/03/2020**	Time: **11:00 AM**
iii.	Opening date of techno-commercial bid:	Date: **13/03/2020**	Time: **11:00 AM**

7.   **Warranty**: Warranty must be **5 years** onsite which should be clearly mentioned along with the quotation.

8.   **Technical Evaluation Criteria**: As per the detail equipment technical specifications given in Annexure–A. If required, the bidder may be asked to provide clarification regarding the technical aspects.

     Other qualification Criteria:

a)   At least three purchase order from NIT/IIT/reputed Indian institute/Govt/R& D organizations or reputed Private Organizations must be provided where the quoted OEM have been supplied SAN Storage in last five years. Scan copies of the minimum three purchase orders of the same must be enclosed along with the technical bid. Purchase Order from OEM (may be with different bidder) will be acceptable.

b)   There must be a support centre of OEM with the availability of the spares in India.

c)   Scanned copies of the technical brochure of the above equipment and accessories (Annexure-A) given in the quotation must be included in the technical bid.

d)   Web reference must be provided along with the technical bid.

e)   Make and model no. should be mentioned in the technical bid.

f)   Customized equipment and accessories (Annexure-A) will not be accepted.

g)   **Financial Capacity: Bidder must be a profit-making entity for the last 5 years** & the bidders should have the **minimum average turnover of Rupees Fifty (50) Crores** during the **last three (3) financial years (2016-2017, 2017-2018 and 2018-2019).**

Relevant proof for supporting the above shall be submitted failing which the same shall be treated as void. The firms must be willing and/or capable to invest on minimum three month's expenses before being reimbursed the claim.

h) **ISO Certification:** The bidder should have the valid ISO 9001:2015, ISO/IEC 27001:2013, ISO/IEC 20000-1:2011 or 20000-11:2015 certification in Management of Information Security for IT Infrastructure Services. Related documents must be produced.

i) Bidder should have the sufficient manpower on their own payroll across India. The PF Document of any month of current financial year must be produced to proof the fact.

j) The bidder must have established office/ support center in Eastern India.

K) Storage OEM should be from leaders' quadrant of Gartner Magic Quadrant for General Purpose Disk Array for last 3 consecutive years

9. The comparison will be made on the basis of financial bid evaluation criteria.

10. (a) All prices to be quoted on FOR basis (NIT Rourkela) in INR.

(b) GST: GST should be charged at applicable rates against DSIR certificate.

11. **Bid Security (EMD) and Tender Cost: EMD (Earnest Money Deposit)** need to be submitted through online portal only for **INR 2,00,000/-(Rupees Two Lakh only)** and Tender cost (Non-refundable) through online mode for **INR 1,000/- (Rupees One Thousand only)**. The EMD (Earnest Money Deposit) 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 shall bear no interest. Any bid without accompanying with EMD & Tender Cost is liable to be treated as non-responsive and rejected.

12. **Performance Security: INR 3, 00,000/- (Rupees Three lakh only)** in shape of Demand Draft (DD)/Bank Guarantee in favour 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 suppliers including warranty obligation. Performance Security should be submitted within 15 days from the date of receipt of Order. 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.

13. Please go through the enclosed "bid document" carefully for other bidding instructions.

14. Please send you quotation through : **https://mhrd.euniwizarde.com/**

15. For technical details, you may contact

> Dr.Bibhudatta Sahoo ,
> Head, Computer Centre
> National Institute Of Technology
> Rourkela – 769008, Odisha
> Phone: 0661 – 2462671
> E-mail: bdsahu@nitrkl.ac.in

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BID DOCUMENT

1. Instructions to the bidders

1.1 Bids are invited on behalf of the Director, National Institute of Technology (NIT), Rourkela – 769008, 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 Bid should be uploaded in : **https://mhrd.euniwizarde.com/** 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 into 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 is acceptable.

1.11 Bidders registered with any of the following agencies/ bodies as per Public procurement policy for Micro & Small Enterprises (MSE) order 2012 are exempted categories from payment of EMD provided that the registration Certificate issued by any one of these below mentioned agencies must be valid as on close date of tender. Micro small or medium enterprises who have applied for registration or renewal of registration with any of these agencies/bodies but have not obtained the valid Certificate as on close date of tender are not eligible for exemption.

   i)   Khadi and Village Industries Commission (KVIC)

   ii) National Small Industries Corporation (NSIC)

   iii) Any other body specified by Ministry of MSME/GOI

2. INSTRUCTIONS FOR ONLINE BID SUBMISSION

The bidders are required to submit soft copies of their bid electronically on the e-Wizard Portal (https://mhrd.euniwizarde.com) using valid Digital Signature Certificates. Below mentioned instructions are meant to guide the bidders for registration on the e-Wizard Portal, prepare their bids in accordance with the requirements and submitting their bids online on the e-Wizard Portal. For more information, bidders may visit the e-Wizard Portal https://mhrd.euniwizarde.com

2.1   REGISTRATION PROCESS ON ONLINE PORTAL

1. Bidders to enroll on the e-Procurement module of the portal   https://mhrd.euniwizarde.com   by clicking on the link "Bidder Enrollment". Enrolment on the e-wizard Portal.

2. The bidders to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the e-Wizard Portal. Bidders to register upon enrolment their valid Digital Signature Certificate (Only Class III Certificates with signing + encryption key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.

3. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse. Foreign bidders are advised to refer "DSC details for Foreign Bidders" for Digital Signature requirements on the portal.

4. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / eToken.

5. Bidders must ensure that they have the latest version of Java installed in their local system.

6. The scanned copies of all original documents should be uploaded in pdf format on portal https://mhrd.euniwizarde.com

7. After completion of registration payment, you need to sends your acknowledgement copy on our help desk mail id ewizardhelpdesk@gmail.com for activation of your account.

2.2   TENDER DOCUMENTS SEARCH

1. Various built in options are available in the e-Wizard Portal to facilitate bidders to search active tenders by several parameters. These parameters include Tender ID, organization, location, date, value, etc.

2. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the Online Portal.

3. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the Online Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

4. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

2.3   BID PREPARATION

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.

2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.

3. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

4. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / PNG etc. formats. Bid documents may be scanned with 100 dpi with black and white option.

2.4   BID SUBMISSION

1. Bidder to log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

2. The bidder to digitally sign and upload the required bid documents one by one as indicated in the tender document.

3. Bidder to select the payment option as Online" to pay the tender fee/ EMD wherever applicable and enter details of the instrument.

4. A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders to note that they should necessarily submit their financial bids in the prescribed format and no other format is acceptable. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white Colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

5. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

6. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data, which cannot be viewed by unauthorized persons until the time of bid opening.

7. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

8. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

9. Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

2.5   AMENDMENT OF BID DOCUMENT

At any time prior to the deadline for submission of proposals, the institutions reserve the right to add/modify/delete any portion of this document by issuance of a Corrigendum, which would be published on the website and will also be made available to the all the Bidder who have been issued the tender document. The Corrigendum shall be binding on all bidders and will form part of the bid documents.

2.6   ASSISTANCE TO BIDDERS

1.   Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

2.   e-Procurement support any queries relating to the process of online bid submission or queries relating to e-Wizard Portal in general may be directed to the **24x7 e-Wizard Helpdesk**. **The contact number for the helpdesk is 011-49606060, 23710092, 23710091, Er Sanjeet Kumar Jha (+91-8882495599), 9355030626. Amit Kumar Jha 9355030627, 9205898226**

Email Support:

For any eProcurement Application Service Requests and Technical issues related to Document Uploads, Tender Publishing, Issue of Corrigendum, Encryption/Decryption Key issues, Bid Evaluation, Bidder Login issues, New Registration issues, Key Uploads, DSC Key installation, Bid Submission, system users may please mail to Sanjeet Kumar Jha ewizardsanjeet.kumar@gmail.com

3.   Conditions of the bid:

3.1   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.

3.2   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 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 – Integrated tax (Rate) dt. 14/11/2017 & Notification No. - 45/2017- Central tax (Rate) dt. 14.11.2017, Notification No. - 45/2017- Union Territory Tax (Rate) dt. 14/11/2017 [Vide DSIR, Ministry of Science and Technology, Government of India, Registration No.: TU/V/RG- CDE (227)/2016, dated: 13.11.2018]

3.3   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.

3.4   The bid should remain valid for a period of **120 days** from the date of opening. In case your offer has a different validity period that should be clearly mentioned in the quotation.

3.5   Conditional discount, if any, offered by the bidder shall not be considered at the time of evaluation.

3.6   The goods offered should strictly conform to the specification and technical details mentioned in **Annexure A**.

3.7   The Institute may like to conduct pre-dispatch inspection of goods, where applicable.

3.8   Period of guarantee/warranty, where applicable, should be specified in the bid.

3.9   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.

3.10 The successful bidder may be required to execute a contract, where applicable.

3.11 The bidder has to furnish up to date Income Tax Clearance Certificate along with the bid.

3.12 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.

3.13 In case of Advance payment, the pro-forma invoice copy need to be sent for advance payment.

3.14 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.

3.15 The bid document/resultant contract will be interpreted under Indian Laws.

TECHNICAL SPECIFICATION OF UNIFIED SAN STORAGE 100TB AND ACCESSORIES

SL. NO.	Unified Storage Specifications
1	Proposed storage shall be offered with Dual redundant, active-active storage controllers cache with minimum 192GB DRAM Cache memory without adding any additional SSD / NVMe Memory & will not be considered as part of storage memory
2	Proposed storage should support upto 750 Drives per array
3	The Unified Storage shall be offered with NL-SAS drives to provide minimum 70 TB usable capacity in RAID 6 using maximum 6TB NLSAS drive ONLY and 30TB on SAS drives using maximum of 1.8TB SAS ONLY
4	Proposed Storage should be configured with 2 * 16 Gb FC ports & 10G BaseT *2 per controller
5	The array should be supplied with 4 x 4 lane 12Gb/s SAS ports across storage controllers for back-end connectivity.
6	NAS functionality should not be based on Linux operating system and should have purpose built Storage Operating system to serve the NAS functionality

Also File services should not require any extra hardware like a NAS Header on top of the storage controller |
7	Offered Unified Storage shall support all well-known protocols like FC, ISCSI, SMB 3.0, NFS , etc.
8	Must support Hardware RAID level 5, 10 & 6 equivalent and should be configurable in required RAID configuration.
09	72 hours battery backup or fully automatic de-staging of cache contents to disks/flash drive in order to prevent possible data loss during extended power outage.
10	Redundant hot plug power supplies Hot spare drive modules should be a standard feature. At least 1 Global Hot spare disk should be configured
11	The Storage should have the capability to provide Quality of Service (QoS) for the LUNs/volumes configured in the system to ascertain desired performance level for applications and also support multi-tenancy feature
12	Entire Storage capacity should be protected with Data at rest encryption, requested software and Hardware should be configured (including the Key management software)
13	Storage must be configured with capability of application consistent snapshots for MS SQL/Oracle Database, VMware, Microsoft exchange and SharePoint.

14	Proposed storage should support replication and licenses for replication needs to be included for the entire capacity
15	The Unified Storage should support industry-leading Operating System platforms including: Windows, VMware and Redhat Linux.
16	Vendor shall support both de-duplication and compression. Snapshots for instant point-in-time copies of data on per volume basis.
17	Storage OEM shall provide software-as-a-service cloud management dashboard that provides Basic performance characteristics like IOPS, Throughput, configuration related analytics and Storage health reporting for trending analysis
18	Vendor to provide software licenses for implementing, configuring, managing & monitoring above mentioned features for the designed storage capacity.
19	Proposed storage should support FAST cache using upto 1.2TBs FLASH drives only