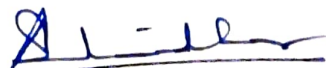


NAGALAND



UNIVERSITY

**Limited Tender Enquiry For Supply & Installation
Of Server with Redundancy and Clustering for
Examination Section Nagaland University, HQ
Lumami.**


17.12.21

NAGALAND



UNIVERSITY

**LIMITED TENDER ENQUIRY FOR SUPPLY & INSTALLATION OF SERVER
WITH AND DATA REDUNDANCY AND CLUSTERING**

Nagaland University, HQ Lumami invites limited tender for supply & installation of server with data redundancy and clustering mode from Reputed Firms to participate in the competitive bidding process. For the detailed tender documents, interested bidder may visit our website www.nagalanduniversity.ac.in.

The filled in tender must reach to the office of "The Controller of Examinations, Hq: Lumami, Nagaland University, PIN: 798627" on or before 14.01.2022 (4.00 pm). Any extension of tender, corrigendum or change in schedule will be published only on above mentioned website.


Ref : NU/Ex-CAE-121/2013

Date : 17.12.2021

Sd/-
**Controller of Examinations
Nagaland University, Lumami**

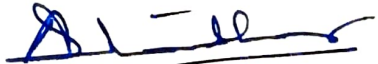
Copy to :

1. System Administrator, Computer Centre, HQ: Lumami with a request to upload the said tender Notice in University Website.


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Tender schedule and Contact Details

Tender Enquiry No :	NU/Ex-CAE-121/2013
Published Date / Bid Submission Start Date	17.12.2021
Bid Submission End Date	14.01.2022
Technical Bid Opening Date	25.01.2022
Financial Bid Opening Date	25.01.2022
Contact Details:	Office of the Controller of Examinations, Nagaland University, HQ Lumami. Email:coe@nagalanduniversity.ac.in


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Instruction for filling of Tender

Nagaland University, HQ Lumami invites limited tender for supply & installation of server with data redundancy and clustering from Reputed Firms to participate in the competitive bidding process. The details in this regard are given below.

1. Procedure to submit the tender: All eligible/interested tenderer are required to download tender documents. The vendors/supplier should submit in two bid system, viz, Technical Bid and Financial Bid.

2. Technical Bid: The technical bid shall contain the following documents. All the documents must be valid and self-attested by bidder. Non-submission of following requested documents may lead to rejection of bids.

Sl. No.	Name of Document
1.	Information of the bidder as per Annexure – II (The same should be submitted on letter head of the bidder)
2.	Certificate of incorporation of company issued.
3.	Copy of GST registration certificate.
4.	Copy of PAN Card.
5.	Copies of Income tax return filed during last three financial years.
6.	Copies of SSI/NSIC registration certificate. In case of claim of Exemption in payment of Tender Fees/EMD.
7.	Proof of annual turnover for the last three financial year as per Annexure
8.	List of clients to whom Server is supplied and installed with same technical criteria, mentioning the name, address, landline No./Mobile No, of the clients. Copies of supply/work order should be uploaded.
9.	An affidavit that the bidder has never been black listed by any government department/government under taking or any other agency as per Annexure
10.	Bidder's Declaration on letter head (as per Annexure-).
11.	Full set of tender documents with seal and signature of bidder or his authorised representative on each page of the tender.

3. Financial Bid: The tendering authority will first open the Technical Bid documents of all bidders and after scrutinizing these documents will shortlist the Bidders who are eligible for Financial Bidding process. Otherwise the tender may be disqualified.


4. The detail Technical Specifications are provided in the tender documents.

5. Bidder may be invited for discussion in the University, if needed/required.

6. The Bidders are strictly advised to follow the dates and times allocated to each stage.


7. University reserves the right for change in the number of items to be maintained in Schedule.

8. The University reserves the right to decide whether to open or not open the Financial Bid of the supplier and no objection of any supplier shall be entertained on any ground what so ever it may be regarding this.


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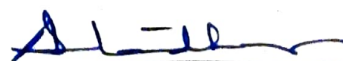
9. No Bid shall be accepted without payment by earnest money deposit and cost of the tender.
10. The rate quoted in should be inclusive of all taxes.
11. The rate should be offered for only the item as mentioned in the Annexure (I).
12. The rates quoted for the quantity other than specifications specified in the tender form shall not be considered for comparison of rate.
13. The University is not bound to accept lowest tenders and reserve the right to accept/cancel any or all tenders without assigning any reason thereof.

Sd/-
Controller of Examinations
Nagaland University, Lumami


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General Terms and Conditions of the tender:

- 1) The tender is called from Manufacturer/reputed suppliers to supply and install Server.
- 2) Bidders are compulsorily required to submit all documents as mentioned in Annexure. If bidder fails to do so the financial bid of such bidder may not be considered/opened.
- 3) Cost of Tender: Bidders are required to pay Rs. 1000/- (Rupees one thousand) in the form of DD/bankers cheque in favour of Nagaland University, Lumami as non-refundable tender fee.
- 4) Bid Security/Earnest Money Deposit: The Bidders should fill up and sign the 'Bid Securing Declaration' form attached at Annexure - V
- 5) Performance Security: Successful bidder should submit the Performance security of five (5)% of the total contract value in the form of Account Payee Demand Draft, Fixed Deposit Receipt from a Commercial Bank, Bank Guarantee from a Commercial Bank or Online Payment.
- 6) University reserves the right to cancel the purchase order in case tenderer fails to supply and install the server within the stipulated time given in the order. The University reserves the right to go for the next lowest tenderer or other appropriate action will be taken.
- 7) The University is liable to reject any Conditional Tender.
- 8) The rates quoted should be F.O.R. the Nagaland University Campus, HQ Lumami. The rate quoted by the bidder should be inclusive of all the taxes.
- 9) 100 % payment shall ordinarily be made within 30 days after satisfactory supply and installation of Server. The payment will be made through online mode only.
- 10) The Nagaland University is not bound to accept the lowest and reserves the right to accept any tender or to reject or all tenders without assigning any reasons whatsoever.
- 11) Tender offer must be valid for a period of minimum 120 days from the date of opening of technical/financial bid. Any offer failing short of the validity period is liable for rejection.
- 12) The Court at Nagaland alone will have the jurisdiction to try any matter, dispute or reference between parties arising out of this tender/contract. It is specifically agreed that no court outside and other than Nagaland Court shall have Jurisdiction in the matter.
- 13) Offer should be complete in all respect. Incomplete offers would not be entertained.
- 14) The University reserves the right to delete/increase/decrease items from the schedule of requirement specified in the tender.
- 15) The bidder should provide MAF from OEM or OEM authorized partner for the Tender.

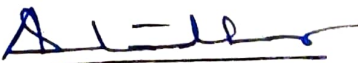

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(Technical Specification)

1. Item's Name: Supply and Installation of Server and accessories along with scope of work defined

Qty: 01 No.

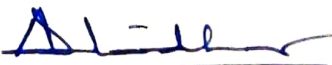
Make & Model	(Specify)
Market position	The OEM for the proposed server must be in Leaders quadrant in the last two Gartner's report of "Magic Quadrant for Modular Servers" & should have been one of the top three server vendors (by market share revenue in IDC or Gartner report) in any of the previous 2 quarters
Form Factor	Max 1U Rack
Configured CPU	Intel Xeon Silver 4309Y 2.8G, 8C/16T, 10.4GT/s, 12M Cache, Turbo, HT (105W) DDR4-2666
Memory slots	32 DDR4 DIMM slots supporting speeds up 3200MT/s
Memory configured	2x16 GB DDR4 RAM upto 3200MT/s RDIMMs
Disks supported	Chassis with Up to 8 x2.5 inch drives
RAID Controller	12Gbps with 4GB Cache PCIe 3.0 with RAID 1, 5, 6,10, 50
Disks configured	1.2TB SASx 2 HDD
DVD writer	YES
I/O slots	Up to 3 PCIe Gen3 slots
Ethernet ports	Dual-Port 1GbE On-Board LOM & Quad 1G Ports
Certification and compliances	Microsoft Windows Server, Hyper-V, VMWare, Red Hat Enterprise Linux (RHEL), SUSE Linux Enterprise Server (SLES)
Power Supply	Platinum rated redundant Power Supply, dual hot plug redundant power supply 1400 Watt
Redundant FAN	Yes
GPU	supported
Management integration	Support for integration with Microsoft System Center, VMware vCenter, BMC Software
Power & temperature	Real-time power meter, graphing, thresholds, alerts & capping with historical power counters. Temperature monitoring & graphing
Pre-failure alert	Should provide predictive failure monitoring & proactive alerts of actual or impending component failure for fan, power supply, memory, CPU, RAID, NIC, HDD
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
Management	<ul style="list-style-type: none"> • 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
LCD panel	Should 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.
HTML5 support	HTML5 support for virtual console & virtual media without using Java or


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	ActiveX plugins
Sub-component quality assurance	All subcomponents quoted within the server should be from the same OEM & integrated in the factory (excluding devices like monitor, keyboard & mouse)
Server security	Should have a cyber resilient architecture for a hardened server design for protection, detection & recovery from cyber attacks
	Should protect against firmware which executes before the OS boots
	Should provide effective protection, reliable detection & rapid recovery using: <ul style="list-style-type: none"> - 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 - System erase
	Configuration upgrades should be only with cryptographically signed firmware and software
	Should provide system lockdown feature to prevent change (or "drift") in system firmware image(s) & prevent malicious modification of server firmware
SPECrate@2017_int	130
SPECrate@2017_fp	148
Intrusion alert	Intrusion alert in case chassis cover being opened
OS	Should support Windows 2019/2016,RHEL,Ubuntu
Warranty	3 years On-site comprehensive warranty with 24x7x365 remote hardware support. Post installation, 3-year product warranty should reflect in the support web site of the OEM.
Operating System	Windows Server Latest Version (Academic) with 20 nos. of CAL.

Scope of Work

1. Supply and Installation of Server.
2. Installation and configuration of Operating System Windows based Server
3. To configure Windows based High Availability Cluster to support server applications that can be reliably utilized with a minimum amount of down-time. High availability clusters can be used for mission critical applications like Exam databases.
4. Installation and configuration of DBMS, Web Server for High Availability.
5. Facility for load balancing, backup, and failover shall be made available for smooth running of applications on the Server.
6. For data redundancy and performance locally, on the individual Server RAID (Reductant Array of Independent Disks) shall be implemented in case of HDD failure.
7. Data Base, Exam Software Application, Web Server Migration from Old Server to the New Server.
8. To Configure Server redundancy and Software redundancy with Clustering mode for high availability of Service and Data without any down-time. (in existing exam servers)
9. Database mirroring along with automatic backup, so that if One Data Server fails, the web application can keep working with the Mirror Server.


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INFORMATION OF THE BIDDER

Sl. No.	Particulars	
1.	Name of the Company/Organization/Firm	
2.	Registered office Address, Telephone No. and Email ID	
3.	Correspondence/Contact Address. Details of Contact Person Name, Designation, Address, Mobile No & E-mail ID	
4.	Type of the Organization (Proprietary/Partnership/Pvt. Ltd./PSU/Govt./Public Ltd.) certified copy in respect of registration must be enclosed	
5.	Year of establishment and Experience in business (in number of years)	
6.	Annual Turnover – 2018-19 2019-20 2020-21 (Certified copies of Annual Statement of Accounts, i.e., Balance Sheet & Profit Loss Account must be uploaded)	
7.	GST Registration No.	
8.	PAN Card No.	
9.	Details of Bank – Name of Bank Account Type of Account Account Number IFSC Code MICR	

A. J. S.
17.12.21

Annexure-III

Sl. No.	Financial Year	Annual Turnover
1.	2018-2019	
2.	2019-2020	
3.	2020-2021	

**Seal & Signature of the
Chartered Accountants
representative**

**Seal & Signature of the
bidder authorized**

Annexure-IV

**DECLARATION REGARDING BLACKLISTING/DEBARRING FOR TAKING
PART IN TENDER**

*(To be executed & attested by Public Notary/Executive Magistrate on Rs. 20/- Non judicial
Stamp paper by the bidder)*

I / We _____ Manufacturer / Partner(s) / Authorised
Distributor / agent of M/s. _____ hereby declare
that the firm / company namely M/s. _____
has not been blacklisted or debarred in the past by Union / State Government or by any other
organization from taking part in tenders in India.

Or

I / We _____ Manufacture / Partner(s) / Authorised
Distributor / agent of M/s _____ was blacklisted or debarred by
Union / State Government or any Organization from taking parts in tenders for a period of
_____ years w.e.f. _____ to _____.
The period is over on _____ and now the firm/company is entitled
to take part in tenders.

In case the above information found false I / we are fully aware that the
tender/contract will be rejected/cancelled by the University and EMD/SD shall be forfeited.
In addition to the above, the University will not be responsible to pay the bills for any
completed/partially completed work.

DEPONENT

Name _____

Address _____

Attested :

(Public Notary / Executive Magistrate)

BID SECURING DECLARATION FORM

(The Bidder shall fill in this form in accordance with the instructions indicated)

To
NAGALAND UNIVERSITY, LUMAMI
PIN: 789627

Ref: Tender Document No. & Date: _____

I/We, The Undersigned declare that, I/We accept to automatically be suspended from being eligible for bidding in any contract in Nagaland University, for a period of three years from the date of opening of Bid if :

1. I/ We fail or refuse to furnish the performance security in accordance with the conditions of the tender document of tender no & date: _____

OR

2. I/We failed or refuse to sign the contract.

Dated this _____ day of _____.

For & on behalf of M/S _____

Signature & Seal: _____

Name: _____

Annexure-VI

BIDDER'S DECLARATION

Tender Documents for Supply & Installation of Server

Ref. No. :

I hereby certify that I have gone through all the information and terms and conditions stipulated in the tender document and hereby confirm to abide by the same.

Signature : _____

Name of Signatory : _____

Seal of the Bidder