| | |
|---|---|
| Telephone : 91-532-227+1056, 1057 | |
| Fax : 0532-2545341, 2545822 | |
| GRAM : MNNIT | |
| Website : http:\\www.mnnit.ac.in | |
| Email : purchasemnnit@gmail.com, fip@mnnit.ac.in | |

eksyky ug: jKVh, i2l&xdh1 SBu bylgkn]

इलाहाबाद—211004 (भारत)

**Motilal Nehru National Institute of Technology Allahabad**
Allahabad-211004 (India)
An Institute of National Importance as Declared by NIT Act, GOI, 2007

## INVITATION FOR SUPPLY OF RACK SERVER
### *(For Contracts value estimated to cost less than Rs.25lakhs)*

| | | |
|---|---|---|
| 1 | Closing Date/Time for submission of Quotations | 04/09/2017; 15:30 Hrs. |
| 2 | Opening Date/Time of Quotations | 04/09/2017; 16:00 Hrs. |
| 3 | Quotations to be submitted at | The Office of Faculty In-charge (Purchase) M.N.N.I.T. Allahabad, Allahabad-211 004 (U.P.). |
| 4 | Place of opening of quotations | The Office of Faculty In-charge (Purchase) M.N.N.I.T. Allahabad, Allahabad-211 004 (U.P.) |
| 5 | Tender Fee | Rs. 200.00 (Non-refundable), in form of a Demand Draft drawn in favor of DIRECTOR, MNNIT Allahabad. |
| 6 | Earnest Money Deposit (EMD) | **Rs. 62,000/- (Rs. In words Sixty Two Thousand only)**, in form of FDR/Bank guarantee, from any of the Commercial Banks, drawn in favour of "Director, MNNIT Allahabad" payable at Allahabad, and valid for a period of 45 days beyond the final bid validity period. |

**To,**

**Dear Sir**

You are invited to submit your most competitive quotation for the following goods/equipments. The quotation should be sent directly to the undersigned under Sealed Cover marked "Quotation Reference No., Date", and "The Due Date:

| SI. No. | Brief Description of the Goods | Quantity | Place of Delivery | Installation requirement |
|---|---|---|---|---|
| 1. | **Rack Server** 2×Intel Xeon Processor E5-2630 v 4 2.2 GHz, 25M Cache, Turbo, HT, 10 C (85W), 128GB Memory DDR-4-2400R, 8×8TB 6G SATA 7.2K rpm LFF (3.5 inch), SC 512e Helium Hard Drive, HP or Equivalent Smart Array P840 4GB Controller Cache, 2×900W Dual Power supply, Ethernet 1 GB 4-Port Network Adapter on PCI, ILO Firmware iLO 4. Warranty 3 years onsite with spares.<br><br>(Detailed Specification attached at '**Annexure-B**') | 02 Nos. | MNNIT Allahabad | Yes |

The sealed tenders must be submitted in the Office of the Faculty In-charge (Purchase), on or before **due date & time as mentioned above** in the office of the undersigned, in the presence of bidder's authorized representatives, who choose to attend and shall sign a register evidencing their attendance.

The tender/quotations NOT submitted in the prescribed format or Incomplete in any respect will be outrightly rejected.

**Faculty In-charge (Purchase)**
MNNIT Allahabad

## GENERAL TERMS & CONDITION (GCC)

1. **Bid Price**
   (a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.
   (b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.
   (c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
   (d) The prices should be quoted in Indian Rupees only for indigenous items. For imported items/Equipments, the prices should be quoted in foreign currency.
   (e) Each bidder shall submit only one quotation.

2. **Validity of Quotation**

   Quotation shall remain valid for a period not less than **120 days** after the deadline date specified for submission.

3. **Evaluation of Quotations**
   (a) The purchaser will evaluate and compare the quotations determined to be substantially responsive, i.e., which
       (i) are properly signed; and
       (ii) conform to the terms and conditions, and specifications.
       (iii) will be with tender fees, and EMD required, if any.
   (b) The Quotations would be evaluated separately for each item.

4. **Award of Contract**

   The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

   - Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
   - The bidder whose bid is accepted will be notified for the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order if falls under Govt. purchase rules, i.e., GFR-2005

5. **Formats and Signing of Bid**
   - Each & every pages of the submitted bid must carry the page numbers.
   - The bidders are not allowed to make additional and alteration in the tender document, any additions and alteration in the tender document, any additions and alterations shall be at bidder's risk. Conditional/modified tender are liable to be rejected.
   - The tender/quotations NOT submitted in the prescribed format or Incomplete in any respect will be outrightly rejected.
   - If the bid submitted without compliance sheet details of equipments the bid will be outrightly rejected.
   - The bid shall be typed or written in indelible ink and shall be signed by the Bidder/Tenderer or a person or persons duly authorized to bind the Bidder/Tenderer to the Contract. All pages of the bid, except for unamended printed literature, shall be initialed by the person or persons signing the bid.
   - Any interlineations, erasure or overwriting shall be valid only if they are initiated by the persons or persons signing the bid.
   - The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid, and to contract execution if the Bidder is awarded the contract.

6. **Payment condition:** 100% Payment shall be made only after satisfactory delivery and installation of the goods. Advance payment is not permitted.

7. Normal Commercial warranty/ guarantee shall be applicable to the supplied goods.

8. **Payment will be cleared through e-payment mode (*Format of e-payment form given at Annexure-D*)**

## INSTRUCTIONS/GUIDELINES TO BIDDERS (ITB)

1. Bidders who had supplied the Government departments, PSUs/NITs/IITs/IIITs and reputed Institutions and Organizations should only apply.
2. The bidder should enclose the cliental list with contact address along with Phone/Fax for reference, for the quoted item.
3. Please quote the prices of F.O.R. Motilal Nehru National Institute of Technology Allahabad, Allahabad.
4. The Bidders are requested to submit their Quotation with EMD in the form of Demand Draft/ Bank Guarantee/ Short term Deposit of the cost of equipments/items in favor of "The Director, MNNIT, Allahabad" payable at Allahabad. Quotation without EMD will be summarily rejected. EMD's of all Bidders will be returned back after the purchase order /contract agreement is issued to successful bidder.
5. Successful Bidders must have to submit the performance security @10% of the purchase order or contract value and it will be retained up to the warranty period.
6. The bidder should enclose relevant documents wherever necessary to substantiate his eligibility.
7. The Institute is eligible for and can provide necessary documentation for Custom/Excise and Octroi exemption on demand, if permitted under rule.
8. Motilal Nehru National Institute of Technology Allahabad, Allahabad, reserves the right to reject, accept any or whole or part of any of the tender without assigning any reason thereof and no claim will be heard. In case of dispute, the decision of The Director, MNNIT, and Allahabad will be final and binding.
9. If the successful bidder is not able to supply the goods items within the delivery date specified in the purchase order, the purchase order will be automatically treated as cancelled after expiry of delivery date period. The vendor will have to submit an undertaking in this regard that this condition is acceptable to   him. In case of extra ordinary circumstances the vendors must send a request for extension of validity of purchase orders, with proper justification prior to the expiry of validity date for consideration.
10. In case of sophisticated equipments, an on-site training needs to be provided with no extra cost.
11. The quotation must be accompanied by leaflets/operation manuals/books etc.
12. Wherever applicable the vendors must quote the branded /desired items.

## CHECK LIST
### (ON THE LETTER HEAD OF THE BIDDER)

The Bid will be the compilation of following documents, along with required supporting documents. No document in support of minimum eligibility criteria will be accepted / entertained after opening of tender.

| Sl. No | Documents |
|---|---|
| 1. | Cover letter by bidder (On the Letter Head of the Bidder) |
| 2. | Tender Fee |
| 3. | Earnest Money Deposit (EMD), if required |
| 4. | Cliental List for quoted item |
| 5. | **Annexure-A** : Bid Proposal Sheet (On the Letter Head of the Bidder) |
| 6. | **Annexure-B** : Compliance of bidder with reference to various equipments (On the Letter Head of the Bidder) |
| 7. | **Annexure-C** : PROFORMA FOR PRICE REASONABILITY CERTIFICATE (On the Letter Head of the Bidder) |
| 8. | **Annexure-D** : PRICE BID (On the Letter Head of the Bidder) |
| 9. | **Annexure-E** : PROFORMA FOR DIRECT PAYMENT/TRANSFER TO BANK ACCOUNT BY MNNIT ALLAHABAD |
| 10. | **OEM Authorization required with subjected tender specific.** |

====================================================================

**ANNEXURE-A**

## BID PROPOSAL SHEET
### (ON THE LETTER HEAD OF THE BIDDER)

To
Faculty In-charge (Purchase)
MNNIT Allahabad, Allahabad
**Subject:** Supply and installation of **"Rack Server"** at MNNIT Allahabad, Allahabad.
Dear Sir,

We, the undersigned Tenderers, having read and examined in detail the specifications as specified in this document in respect of Supply and Installation of **Rack Server** at MNNIT Allahabad, Allahabad do hereby propose to supply the required products and services.

| Tender No. | | | | | |
|---|---|---|---|---|---|
| **Tender Fees** submitted | YES / NO | | (Please strike off whatever is not applicable) | | |
| Amount | Mode | Date of Issue | Name of Bank | | Valid up to |
| | Demand Draft | | | | |
| **EMD** submitted | YES / NO | | (Please strike off whatever is not applicable) | | |
| Amount | Mode | Date of Issue | Name of Bank | | Valid up to |
| | Demand Draft | | | | |

(i) **ADDITIONAL PURCHASE/WORK ORDER:** We understand that the MNNIT Allahabad, Allahabad, in case of the requirements may also place repeat purchase order/work order on the company. In such cases, we shall accept and execute all the purchase/work order placed on us by MNNIT Allahabad, Allahabad.

(ii) **BID PRICING:** We further declare that the prices stated in our proposal are in accordance with your Terms & Conditions in the bidding document. We further understand that the quantities as specified in this Tender may increase or decrease at the time of Award of Purchase Order as per the requirements of MNNIT Allahabad, Allahabad.

(iii) **QUALIFYING DATA:** We confirm that we satisfy the qualifying criteria and have attached the requisite documents as documentary proofs. In case you require any further information/documentary proof in this regard during evaluation of our bid, we agree to furnish the same in time to your satisfaction.

(iv) **CONTRACT PERFORMANCE SECURITY:** We hereby declare that in case the contract is awarded to us, we shall submit the performance Guarantee Bond in the form of Bank Guarantee for the amount mentioned at **clause No. 5 in ITB** of the total order value.

(v) **PAYMENT TERMS:** We hereby declare that in case the contract is awarded to us, we agree with payment terms specified in the tender documents.

(vi) **CERTIFICATE AND DECLARATION:**
   a) I/We certify that no addition/modification/alteration has been made in the Original Tender Document. If at any stage addition /modification /alteration is noticed in the Original Document, I/We will abide by the terms and conditions contained in the original tender document, failing which MNNIT Allahabad reserves the right to reject the tender and/or cancel the contract
   b) It has been certified that all information provided in tender form is true and correct to the best of my knowledge and belief. We hereby declare that our proposal is made in good faith, without collusion or fraud. No forged /tampered document(s) are produced with tender form for gaining unlawful advantage. We understand that MNNIT Allahabad is authorized to make enquiry to establish the facts claimed and obtained confidential reports from clients.
   c) In case it is established that any information provided by us is false / misleading or in the circumstances where it is found that we have made any wrong claims. Further MNNIT Allahabad is also authorized to blacklist our firm/company/agency and debar us in participating in any tender/bid in future.
   d) I / We assure the Institute that neither I /We, nor any of my /our workers, will do any act which is improper / illegal during the execution in case the tender is awarded to us.
   e) I / We assure the Institute that I / We will NOT be outsourcing any work specified in the tender document, to any other firm.
   f) Neither I / We, nor anybody on my /our behalf will indulge in any corrupt activities /practices in my /our dealing with the Institute.
   g) Our Firm / Company / Agency is not been blacklisted or banned by any Govt. Department, PSU, University, Autonomous Institute or any other Govt. Organization.
   h) I/We certify that, I have understood all the terms & conditions (GCC and ITB etc.), as indicated in enquiry of the tender document, and hereby accept all the same completely.
   i) I/We, further certify that I/We, possess all the statutory /non-statutory registrations, permissions, approvals, etc., from the Competent Authority for providing the requisite services,
   j) We understand that you are not bound to accept the lowest or any bid you may receive.
   k) I/We hereby declare that this tender on acceptance communicated by you shall constitute a valid and binding contract between us.
   l) I/We certify that the submitted quotation is duly paginated and contains from page no. 1 to ……………….

Date:                                                                 Signature and Seal of the Manufacturer/Bidder

**Technical Compliance of Goods**
**(ON THE LETTER HEAD OF THE BIDDER)**

| Descriptions/Specification | | Compliance (Yes/No) | Quoted Model |
|---|---|---|---|
| Chassis | 2 U Rack Mountable | | |
| CPU | 2 x Intel Xeon E5-2630 v4 2.2GHz,25M Cache, Turbo,HT,10C (85W) | | |
| CPU L3 CACHE Memory | 25M Cache | | |
| Motherboard | Intel® C610 Series Chipset | | |
| Memory | 128 GB DIMMS scalable to at least upto 512GB, using DDR4 Load Reduced DIMM (LRDIMM) memory modules. Should be capable of identifying and reporting whether genuene OEM memory is installed. Each LRDIMM should work at 2133MHz, 1. 2V even after populating all the DIMMs in the channel. | | |
| Memory Protection | Advanced ECC with multi-bit error protection and memory online spare mode | | |
| HDD Bays | Up to 8 SFF/16SFF/8LFF/12 LFF max, HDD/SSD | | |
| Optical drive Bay | One optional optical drive bay to install DVD-ROM or DVD-RW . | | |
| Hard disk drive | 8 x HP 8TB, should be scalable upto 25.6TB (SFF) or 72TB (LFF) | | |
| Controller | Embedded 6Gb/s SATA controller RAID controller with RAID 0/1/10/5 for SATA DIsk. OR PCIe 3.0 based 12Gb/s Raid Controller with RAID 0/1/1+0/5/50/6/60/1 Advanced Data Mirroring/10 Advanced Data Mirroring with 4GB battery backed write cache (onboard or in a PCI Express slot) | | |
| Networking features | Server should support one of the following: 1. 1Gb 2-port network adaptor supporting advanced features such as TCP segmentation offload, VLAN tagging, MSI-X, Jumbo frames, IEEE 1588, and virtualization features such as VMDQ. 2. 10Gb 2-port Ethernet adaptor supporting enterprise class features such as VLAN tagging, adaptive interrupt coalescing, MSI-X, NIC teaming (bonding), Receive Side Scaling (RSS), jumbo frames, PXE boot and virtualization features such as VMware NetQueue and Microsoft VMQ. | | |
| Interfaces | Video - 1 4 USB ports (standard) Micro SD slot - 1 | | |
| Bus Slots | Six PCI-Express 3.0 slots | | |
| Power Supply | Redundant Power Supplies | | |
| Fans | Redundant hot-plug system fans | | |
| Graphics | Integrated Matrox G200 video standard 1280 x 1024 (32 bpp) 1920 x 1200 (16 bpp) | | |
| Industry Standard Compliance | ACPI 2.0b Compliant PCIe 3.0 Compliant PXE Support WOL Support Microsoft® Logo certifications USB 3.0 Support ASHRAE A3/A4 | | |
| Embedded system management | • Should support monitoring ongoing management, service alerting, reporting and remote management with embedded Gigabit out of band management port<br>• Server should support configuring and booting securely with industry standard Unified Extensible Firmware<br>• System should support RESTful API integration<br>• System management should support provisioning servers by discovering and deploying 1 to few servers with Intelligent Provisioning<br>• System should support embedded remote support to transmit hardware events directly to OEM or an authorized partner for automated phone home support | | |
| Security | • Power-on password<br>• Serial interface control<br>• Administrator's password<br>• TPM 1.2<br>• UEFI | | |
| Operating Systems and Virtualization Software Support | • Microsoft Windows Server<br>• Red Hat Enterprise Linux (RHEL)<br>• SUSE Linux Enterprise Server (SLES)<br>• Oracle Solaris<br>• VMware | | |
| Secure encryption | System should support Encryption of the data on both the internal storage and cache module of the array controllers using encryption keys. Should support local key management for single server and remote key management for central management for enterprise-wide data encyption deployment. | | |
| Provisioning | Essential tools, drivers, agents to setup, deploy and maintain the server should be embedded inside the server. There should be a built -in Update manager that can update firmware of system by connecting online. | | |
| Remote Management | 1. System remote management should support browser based graphical remote console along with Virtual Power button, remote boot using USB/CD/DVD Drive. It should be capable of offering upgrade of software and patches from a remote client using Media/image/folder; It should support server power capping and historical reporting and should have support for multifactor authentication. | | |

**Signature (in ink, with date) & Seal of Bidder/Tenderer**

| | | |
|---|---|---|
| | 2. Server should have dedicated 1Gbps remote management port. Remote management port should have 4GB NAND flash with 1GB available for user access. NAND flash should be used for keeping system logs and downloading firmware from website or internal repository<br>3. Server should support agentless management using the out-of-band remote management port.<br>4. The server should support monitoring and recording changes in the server hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur.<br>5. Applications to access the server remotely using popular handheld devices based on Android or Apple IOS should be available.<br>6. Remote console sharing upto 6 users simultaneously during pre-OS and OS runtime operation, Console replay - Console Replay captures and stores for replay the console video during a server's last major fault or boot sequence. Microsoft Terminal Services Integration, 128 bit SSL encryption and Secure Shell Version 2 support. Should provide support for AES and 3DES on browser. Should provide remote firmware update functionality. Should provide support for Java free graphical remote console.<br>7. Should support managing multiple servers as one via<br>Group Power Control<br>Group Power Capping<br>Group Firmware Update<br>Group Configuration<br>Group Virtual Media<br>Group License Activation | | |
| Server Management | The Systems Management software should provide Role-based security | | |
| | Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. Should support automatic event handling that allows configuring policies to notify failures via e-mail, pager, or SMS gateway or automatic execution of scripts. | | |
| | Should provide an online portal that can be accesible from anywhere. The portal should provide one stop, online access to the product, support information and provide information to track warranties, support contrats and status. The Portal should also provide a Personalised daskboard to monitor device heath, hardware events, contract and warranty status. Should provide a visual status of individual devices and device groups. The Portal should be accessible on premise (at customer location - console based) or off premise (using internet). | | |
| | Should support scheduled execution of OS commands, batch files, scripts, and command line apps on remote nodes | | |
| | Should be able to perform comprehensive system data collection and enable users to quickly produce detailed inventory reports for managed devices. Should support the reports to be saved in HTML, CSV or XML format. | | |
| | Should help to proactively identify out-of-date BIOS, drivers, and Server Management agents and enable the remote update of system software/firmware components. | | |
| | The Server Management Software should be of the same brand as of the server supplier. | | |
| | Infra Platform /Infra Software to support a variety of different hypervisors, such as VMware, Microsoft Hyper-V, Red Hat KVM, and Integrity VM | | |
| | Solution available to Deploy a fast and easy installation via software appliance delivery mode. With its own OS and Database to provide infra and lifecycle management | | |
| | Management software should support integration with popular virtualization platform management software like vCenter, SCVMM and RedHat RHEV | | |

**ANNEXURE-C**

## PROFORMA FOR PRICE REASONABILITY CERTIFICATE
### (Company's/Firm Letterhead)
### PRICE REASONABILITY CERTIFICATE

It is certified that the rates quoted against Enquiry No. ………………………………. dated ……………for the supply of items vide our Quotation No. ………………………………………………………..dated …..…………… for (Currency/ Value)…………………………addressed to MNNIT Allahabad are exclusively for  supply to ACADEMIC and RESEARCH Institutions and are not more than as charged to other Government /PSU's for similar supplies made in recent past.

We would like to certify that the quoted price are the minimum and neither we have quoted the same item on lesser rates, than those being offered to MNNIT Allahabad, to any other customer for similar supplies made in recent past, and nor we will do so till the validity of offer or execution of purchase order, whichever is later.

If these rates are approved by the Director, MNNIT Allahabad and if at any stage the quoted rates are found higher than the rates applicable to supply to Government, then in such condition MNNIT Allahabad will have the right to cancel the approved rates/Purchase order and to take legal action against the tenderer.


Yours faithfully,

(Signature with date)

Name:
Designation:
Seal:
Duly authorized to sign tender/enquiry for and on behalf of

**PRICE BID**
**(ON THE LETTER HEAD OF THE BIDDER)**

| Sl. No. | Brief Description of the Goods | Quantity | Quoted Unit Rate in Rs | Total Amount (in Rs.) | | Tax | Any other charges (if any) |
|---|---|---|---|---|---|---|---|
| | | | | In Figures | In Words | | |
| 1. | **Rack Server**<br>2×Intel Xeon Processor E5-2630 v 4 2.2 GHz, 25M Cache, Turbo, HT, 10 C (85W), 128GB Memory DDR-4-2400R, 8×8TB 6G SATA 7.2K rpm LFF (3.5 inch), SC 512e Helium Hard Drive, HP or Equivalent Smart Array P840 4GB Controller Cache, 2×900W Dual Power supply, Ethernet 1 GB 4-Port Network Adapter on PCI, ILO Firmware iLO 4.<br>Warranty 3 years onsite with spares.<br><br>(Detailed Specification attached at '**Annexure-B**') | 02<br>Nos. | | | | | |

We agree to supply the above goods in accordance with the technical specifications for a total contract price of_____ within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of _____ months shall apply to the offered goods.

**Signature and Seal of the Manufacturer/Bidder**

**PROFORMA FOR DIRECT PAYMENT/TRANSFER TO BANK ACCOUNT BY MNNIT ALLAHABAD**

| Sl. No. | Particulars | Information |
|---|---|---|
| 1. | Firm [Beneficiary] Name | |
| 2. | Code No. allotted by the MNNIT Allahabad<br>[If code is not allotted yet, please enclose a cancelled cheque and copy of PAN card. Cancelled cheque & PAN card is to be submitted only once] | |
| 3. | Complete Bank Account No. of the Firm [beneficiary].<br>[in case of change in bank account vendor should write to Account Office] | |
| 4. | Bank Name | |
| 5. | Branch Address | |
| 6. | IFSC Code No. | |
| 7. | Permanent Account Number | |
| 8. | Mobile No. [for SMS] | |
| 9. | Email ID [for information] | |

We undertake that all information provided above is correct and MNNIT Allahabad will not be responsible in case of any error on the part of firm.

[Seal and Signature of the firm]

**Signature (in ink, with date) & Seal of Bidder/Tenderer**