



THE NATIONAL INSTITUTE OF ENGINEERING

(An Autonomous Institution)

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME PHASE-III

Manandavadi Road, Mysuru – 570 008.

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Date: 10-08-2018

Invitation for Quotations

Quotations are invited for the procurement of the following equipments under TEQIP– III

Equipment: Computer Server, Quantity -1 nos.

Sl. No	Item Name	Specifications
1	Computer Server	<p>Chipset: Lewisburg PCH Intel C621 or equivalent Form Factor: Max. 1U rack mounted with sliding rails Configured CPU: Up to two Intel® Xeon® Scalable processors, up to 22 cores per processor (16 Core Processor) Memory slots: 16 DDR4 DIMM slots, speed up to 2666MT/s Memory configured: 32 GB Disks supported: Front drive bays: Up to 10 x 2.5" SAS/SATA (HDD/SSD) with up to 4 NVMeSSD or up to 4 x 3.5 SAS/SATA HDD RAID Controller: 12Gbps PCIe 3.0 with RAID 1, 5, 10, 50 Disks configured: 4 TB DVD writer: DVD RW I/O slots: Upto 2 Gen 3 x16PCIe Slots Onboard Ethernet ports: 2 x 1G RJ45 Certified for: Windows Server 2016, VMWare, Red Hat Enterprise Linux, SUSE Linux Enterprise Server Power Supply: 550W Platinum rated redundant Power Supply SD Modules slots: Dual SD module slots supporting RAID1 config 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: • Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver s & 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 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 ActiveX plugins 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 s before the OS boots • Should provide effective protection, reliable detection & rapid recovery using: - Silicon-based Hardware Root of Trust - Signed firmware s - 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 Intrusion alert: Intrusion alert in case chassis being opened Rack: Floor Mount 18u. Monitor: LED 22" USB Keyboard USB Mouse</p>

Delivery Period: 60 Days from the date of issue of purchase order. Warranty Period: 36 Months

Terms and Conditions

- i. Quotation should be invariably in the prescribed **format enclosed**; otherwise it is **liable to be rejected**.
- ii. Quotation should be sent in a **sealed cover superscribed as "Quotation for the supply of Computer Server under TEQIP III" to the office of the Principal (TEQIP- III), The National Institute of Engineering, Manandavadi Road, Mysore 570 008.**
- iii. Last date and time for submission of quotation **24-Aug- 2018, 17:30 hours**
- iv. Installation and demonstration shall be at The Department of Electronics and Communication Engineering, NIE, Mysuru.
- v. Quotation should be valid for **45 days** from the last date of submission of quotation.
- vi. Equipment should be delivered at **The Department of Electronics and Communication Engineering, NIE, Mysuru.**
- vii. **100% payment on installation, demonstration, successful completion in all respects and final acceptance by the Purchaser.**
- viii. **Authorized Dealer/ Channel Partner Certificate from the company** should be enclosed along with the quotation.
- ix. 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.

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To:

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____