

**UNIVERSITY OF ALLAHABAD**  
**Limited Tender Enquiry (LTE)**

No.: KBCAOS/Server/SD/2017/2

Dated: 10/07/17

To,

Dear Sir/s,

We intend to purchase following materials/items for the K Banerjee Centre of Atmospheric and Ocean Studies (KBCAOS), University of Allahabad. Kindly arrange to send your QUOTATION giving lowest rates per unit alongwith terms and conditions in Sealed Cover addressed to The Coordinator, KBCAOS, Nehru Science Centre, University of Allahabad, Allahabad so as to reach this office on or before 25 July 2017 by 5:00 PM.

THE WORD "QUOTATION", OUR REFERENCE NUMBER AND DATE SHOULD BE BOLDLY MENTIONED ON THE COVER.

S. N.	Description of the Goods (Minimum Specification for Dell Power Edge Server)	Quantity Required	Rate per Unit	Total Cost
1	<p>Form Factor 2U rack</p> <p>Processor 2 x Intel Xeon E5-2695 v4 2.1GHz,45M Cache,9.60GT/s QPI,Turbo,HT,18C/36T (120W) Max Mem 2400MHz</p> <p>Processor Sockets 2</p> <p>Cache 2.5MB per core or higher</p> <p>Memory needed 640 GB memory 2400MT/s, Standard Volt, Dual Rank, x8 Data Width or higher</p> <p>Memory scalability Up to 768GB, Server should have 24 DIMM slots</p> <p>Hard Drive bays support Up to 16 x 2.5" HDD: SAS, SATA, nearline SAS SSD: SAS, SATA; Up to 8 x 3.5" HDD: SAS, SATA, nearline SAS SSD: SAS, SATA</p> <p>HDD for Data Store 120 TB RAW 7.2K RPM with 3.5in Hot-plug SAS Hard Drive</p> <p>HDD for OS 2 x 600Gb 10k RPM 2.5" SAS HDD</p> <p>RAID Controllers RAID Controller (RAID 0, 1, 5, 6, 1+0) with 1 GB Write Cache.</p> <p>Ethernet 4 x 1GbE</p> <p>Slots Up to 6 x PCIe 3.0 slots plus dedicated RAID card slot</p> <p>Power Supply Server should be provided with Redundant hot swappable Power supplies. The Power supplies should be FCC class A certified</p> <p>OS Support Microsoft Windows Server 2008 R2; Microsoft Windows Server 2012; Microsoft Windows Server 2012 R2; Microsoft Windows HPC Server 2008; Novell SUSE Linux Enterprise Server; Red Hat Enterprise Linux VMware ESX</p> <p>Remote Management capabilities It shall be possible to manage the server hardware and software components remotely. The server hardware shall be manageable even when it is shutdown or crashed. It shall be possible to power on/off and boot the system remotely; management log; Browser and CLI support; Secure Socket Layer; Secure Shell.</p> <p>Server Management Software The Systems Management software should provide Role-based security. Should provide Pre-failure warning for: CPU, Memory, HDD</p> <p>Other Software Rocks Cluster Latest Version to be Installed with Open MPI, Fortran, GCC and SGE or Torque for Scheduling Job or Centos Latest Version with all above same application</p> <p>Authorization OEM MAF Required for present Tender Reference Number</p> <p>Warranty 5 Years on site</p>	1		

1. While submitting the quotation following should invariably be mentioned:

- Name of the manufacturer of the item quoted alongwith brand name, if any.
  - Details of specification.
  - Lowest rate F.O.R. destination.
  - Discount, if any.
  - Sales Tax /VAT/GST at concessional rate as applicable to the Educational Institutions.
  - Period of validity – (minimum six months).
  - Firm delivery time from the date of receipt of confirmed order, condition of supply and terms of payment.
- If you are manufacturer of the items or if you have proprietary distribution/sales authorization, please mention it in the quotation.
  - For items of equipment nature the Instruction Manual, Diagram of the circuit drawing must be supplied along with supply without which the delivery shall be incomplete.
  - Please fill in and return the Suppliers Profile Form.
  - Terms & Conditions as applicable are attached.

**N.B.**

- Under no circumstances unsealed quotation will be entertained in the office.
- Quotations received after the due date shall not be considered.

*Sanjay Singh*  
PI, DST Project  
10/07/17

**KBCAOS,**  
**University of Allahabad**