

Quotation for Workstation

The specification on high end workstation uploaded on the NEHU website on March 07, 2017 to be read with the given updated specification in the section Operating System i.e., "Operating System: Ubuntu". All other details mentioned in the tender documents will remain unchanged. Hence, the dealers/company who has submitted their sealed quotation(s) are required to resend the quotation with the below mentioned updated specifications. Fresh quotations under sealed cover are also invited from vendors those who haven't submitted yet to the undersigned by April 28, 2017.

Quotations under sealed cover are invited for supply and installation of Workstation at the Bioinformatics Centre, North-Eastern Hill University, and Shillong.

Technical specifications:

Processor:	2 X Intel Xeon E5-2630v4 2.2 2133 10 Core
Chipset:	Intel C612
Memory:	512GB DDR4-2400 (16x32GB) 2CPU RegRAM MHz memory; 16DIMM Slots - all slots should be on motherboard itself. Option for upgradeability up to 2048 GB required.
Drive Controllers:	Onboard 6-Channel 6Gbps SATA (RAID 0,1,5,10) LSI 9270-8i RAID Controller.
Hard Disk:	2 x 2TB Drives in RAID 0, 1 Provision for upgrading with additional 8 drives to be provided.
Optical Drive:	9.5mm Slim Super Multi DVD Writer
Graphics Card:	NVIDIA Quadro M4000 8GB 4xDP 1st No cable included Graphics
Bays:	2 x External 5.25", 4 x Internal 3.5". System should be able to support a total of 16 Hard drives along with a DVD drive.
Slots:	Minimum requirement: PCIe Gen3 x4 3 x PCIe Gen3 x16 2 x PCIe Gen3 x8 PCIe Gen2 x1
Ports:	Front : 4 x USB 3.0 Rear : 4 x USB 3.0, 2 x USB 2.0, 2 x RJ45 LAN ports with support for Load Balancing and Teaming, 1 Serial Port
Keyboard and Mouse:	Minimum 104 keys USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation
3D Mouse:	Space Pilot Pro USB 3D Mouse
Audio:	High Definition Integrated Audio with Internal speaker.
Power Supply:	Minimum 1120W 90% Efficient, EPEAT Gold, 80 Plus Gold Power supply capable of supporting configurations up to 1400W under 230V Power.
Chassis:	Completely tool less chassis with handles in front and rear side. Provision for Kensington lock and Panel lock required. System should be rack-mountable.
Operating System:	Ubuntu
Remote Collaboration Solution (Remote Graphic Software):	Hardware or Software based Remote Collaboration system which can help remotely access 3D data across network has to be supplied with the system. - It should allow collaboration between multiple participants on an OpenGL 3D or DirectX applications.

- It should support One to One for remote work and One to many for collaboration with keyboard and mouse control.
- Application should be stateless and should not transfer actual data over the network.
- Pixel information or images should be 128 SSL encrypted.
- Should work on both Linux and Windows, and should be inter-operable."

Additional Software (Performance advisor - helps improve performance upto 25%):

1. The hardware vendor should supply an automatic system performance tuning and monitoring software on Windows.
2. The tuning software should have modules for resource monitoring over a long period of time, and should be capable of showing GPU utilisation (GPU, Graphics memory and Codec activity) for both Graphics and GPU Compute cards.
3. A complete Offline Diagnostics and Asset Discovery software suite should be supplied along with the system.

Warranty: 3 years onsite parts and labor warranty for system.

Vendor Status: The hardware OEM or vendor should be a reputed concern, having global presence in multiple countries. OEM should have ISO certifications. Vendor should furnish all the documents and certifications required.

TERMS & CONDITIONS

1. Rates quoted should be on F.O.R., NEHU Shillong, on Door Delivery basis.
2. The quotations addressed to Coordinator/Co-Coordinator, Bioinformatics Centre, North Eastern Hill University, Shillong, should reach on or before April 28, 2017 from the date of issue of this notice on NEHU website.
3. Advance payment is not admissible and payment will be made only after complete installation of the items by the supplier to our full satisfaction and bills may be submitted in triplicate. Under quality of supply shall not be accepted and payment cannot be released.
4. The rates should be inclusive of all taxes, freight charges and applicable tax as per norms and should be clearly indicated.
5. The rates should be quoted along with supporting documents of specifications and technical features.
6. Details of availability of after sales support and warranty period shall to be furnished.
7. The item should be delivered, installed and free training should be given without any additional costs.
8. Quoted rates should be valid at least for a period of 6-months.
9. The Purchase Committee reserves the right to reject any bids with unbranded/sub-standard brand/un-certified brands of products even if they are found to be lowest without assigning any reason thereof and does not bind it to accept the lowest rate whatsoever. The decision of purchase committee shall be final.
10. All terms and conditions will be as per NEHU rules, regulations and decision.

Dr. Devendra Kumar Biswal
Co-Coordinator
Bioinformatics Centre
North-Eastern Hill University,
Mawkynroh, Umshing, Shillong 793022
bicnehu@gmail.com; 0364 2721242/1241