

# Cotton University

Panbazar, Guwahati- 781001

[www.cottonuniversity.ac.in](http://www.cottonuniversity.ac.in)

No. CCSU/S&P/2016/043/47/4971-77

30 August, 2017

## Notice Inviting Quotations

Sealed quotations are invited in two bid system (technical and price bid) from manufacturers/ dealers/distributors/ suppliers for supply and installation of Computer Workstation for Cotton University.

The detailed NIQ document is available in the website [www.cottonuniversity.ac.in](http://www.cottonuniversity.ac.in). The sealed quotations are to be submitted during office hours. The last date of submission of sealed quotations to the undersigned is **7<sup>th</sup> September, 2017 up-to 2:00 PM** and the quotations will be opened on the same day at 3:00 PM. The participating firms may attend the opening of the quotations as per date and time mentioned above.



Registrar

Copy to:

1. P.S. to the Hon'ble Vice Chancellor for the appraisal of the Hon'ble Vice Chancellor
2. Head, Dept. of Physics, for information
3. Dr. Sukanta Deb, P.I. – DST Fast Track Project, Dept. of Physics, for information
4. Finance Officer, for information
5. Systems Manager, he is requested to upload this in the University website
6. Notice Board
7. Office file

**Detailed terms and conditions for participation**

The manufacturers/dealers/distributers/suppliers should meet the following minimum terms and conditions and criteria:-

- 1.1. All relevant Trade Registration Certificate(s) for Kamrup Metropolitan jurisdiction, Tax Registration Certificate(s) applicable in Assam and Income Tax clearance certificate(s) must be attached.
- 1.2. The equipments are to be supplied and installed in Cotton University and the prices should be quoted accordingly.
- 1.3. Letter of OEM/authorization/dealership certificate from manufacturer should be furnished where necessary.
- 1.4. Detailed Specifications of the model quoted must be furnished in the technical bid.
- 1.5. The successful applicant must provide three years post commissioning onsite comprehensive services and warranty.
- 1.7. The quotation must be submitted in 'two envelope system' clearly super-scribed on the top of the envelope as "Quotation for supply and installation of Computer Workstation" specifying technical and price bid wherever applicable:
  - i) the technical bid with detailed specifications/description of items, all relevant documents etc. so submitted, and
  - ii) the price bid against the detailed specifications/descriptions of items
- 1.9. The price bid will be considered only after having qualified in the technical bid evaluation.

**Enclosures**

The documents/testimonials which must be submitted along with the quotation are:

- i) Copy of the detailed NIQ document duly signed
- ii) Copy of OEM/Dealership/Distributorship/Authorisation Certificate, where applicable
- iii) Copy of the valid Trade License/Tax Regulation Certificate under Kamrup Metropolitan jurisdiction
- iv) Copy of the GST Registration Certificate
- v) Copy of the Income Tax Returns Acknowledgment for the last one year
- vi) Copy of the PAN Card
- vii) Copy of the prescribed format of price bid duly filled-in

4/12/17  
30/17

**Detailed Specifications**

S. No.	Particulars	Technical Specifications
1	Processor	Intel Xeon E3-1225v5 3.3 GHz (up to 3.7 GHz) 8MB 4C 80W TWR CPU
2	Chipset	Intel C236 Chipset
3	Memory	16GB DDR4 ECC Memory & speed should be 2133 MHz or better 4 DIMM slots, supporting up to 64GB ECC/non-ECC, DDR4 2133 MT/s
4	Drive Controllers	Integrated SATA controller with minimum 4 x 6Gbps ports & SATA Controller should support RAID 0,1. RAID 5 is supported by Software XOR
5	Hard Disk	1 TB SATA Drive Provision for installing 3 SATA or SSD drives
6	Optical Drive	Slim DVD+/-RW Double Layer SuperMulti (SATA) drive
7	Graphics	NVIDIA Quadro K420 2GB & System should support up to NVidia M4000 8GB CARD in future ready
8	Keyboard and Mouse	Minimum 104 keys USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation
9	Audio	High Definition Integrated Audio with Internal speaker
10	Communications	Intel Gigabit Network port with Vpro support
11	Bays/Slot	2 x 3.5-inch + 1 x 2.5 inch internal bays 1 x Slim ODD + 2 Half-Height 5.25-inch external bays 1 X PCIe Gen3 x16 slot 1 X PCIe Gen3 x4 slot /x16 connector 1 X PCIe Gen3 x4 slot/x4 connector 1 X PCIe Gen3 x1 slot 1 X PCI slot 32-bit (optional) 1 X M.2 slot (PCIe Gen3 x4)*
12	Security	BIOS controlled electro-mechanical internal chassis lock for the system. TPM 1.2
13	Ports	Front: 2 USB 3.0; 2 USB 2.0 (1 charging); 1 headphone; 1 microphone Back: 4 USB 3.0; 2 USB 2.0; 2 DisplayPort 1.2; 1 DVI-I single link; 1 serial (optional); 1 parallel (optional); 2 PS/2; 1 RJ-45; 1 audio line-in; 1 audio line-out; 2 IEEE 1394b (optional) 1 USB 3.0 and 3 USB 2.0 ports available as 2 separate 2x10 (3.0 x1, 2.0 x1) and 2x5 (2.0 x2) header: supports one Internal USB 2.0 Port Kit and one USB 3.0 Media Card Reader
14	Operating System	Genuine Windows 10® Professional 64-bit downgrade to Windows7 Professional All drivers required for proper integration of components should be supplied by the vendor. All latest drivers should be available to download from vendor's website. System should support for MS Windows 10,8, 7 and Red Hat Enterprise Linux 6,7,7.2 & SUSE Linux® Enterprise Desktop 11 SP4, 12 SP1
15	Form Factor with Tool free design	Mini Tower with tool-less entry and maintenance System should feature Active Acoustic Reduction, with noise level below 5 Bels System should be rack-mountable

30/8/12

16	Power Supply	Minimum 400-watt Continuous Power Supply with Full ranging input and APFC. Power supply should be 92% efficient with EPEAT Gold certification for the system model. Power supply should support standalone self test
17	Remote Collaboration Software	Hardware or Software based Remote Collaboration system which can help remotely access 3D data across network has to be supplied with the system - Hard ware or Software should be workstations OEM Proprietary version - Software should comes from the factory preinstalled - 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
18	Additional Software	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
19	Monitor	21.5-inch FHD LED Backlit LCD Monitor, 1920x1080 @ 60 Hz, ENERGY STAR Certified, EPEAT Certified
20	Warranty	3 years Onsite Comprehensive
21	Support	Drivers should be available for download from OEM site for at least 3 years from the date of purchase order
22	Information Accessibility	Brochure and specification sheets of the product to be available in public domain
23	Certifications	Energy Star, EPEAT India Certified, TCO'06 for TFT, Win 7, 8 & 10 Certification, ROHS
24	Vendor Status	The hardware vendor should be a reputed concern, having global presence in multiple countries. OEM should have ISO 9001:2008, ISO 20000 and ISO 27001 certifications

20/8/12

Price Details

S. No.	Item	Make, Model No. and Other Details	Rate in ₹ (A)	HSN Code No. (B)	Rate of GST in % (C)	Amount of GST in ₹ (D)	Price in ₹ (E= A+D)	Quantity in figure (F)	Amount in ₹ (G= E x F)
1	Computer Workstation							1	

  
30/8/12