Dated: August 23, 2012

Sealed quotations are invited for purchase of up to 2 NOs. workstations as per the specifications given below. Your quotation should reach the address given, latest by 5 PM on September 10, 2012.

Specifications:

Item	Desciption
Form Factor	Rackable mintower
Processor	2x Intel® Xeon® E5-2660, 8C/16T, 2.2GHz, 20MB Cache, Turbo Boost
Chipset	Intel C602
Memory	3x 4GB DDR3, ECC, 1600 MHz. Slots: 16x DIMM-slots, 8 channels (DDR3 1600Mhz). Memory should be upgradable up to 128 GB.
HDD & Bays	2x HDD SATA III 1TB, 7200RPM, 3.5-inch. Bays: Minimum 8 (2x 5.25" and 2x 3.5" externally accessible; 4x 3.5" internal bays). All internal bays accessible from the front with EraseDisk functionality and Cold Plug Access.
RAID Controller	Onboard Controller with 2x 6GB/s ports supporting SATA III and 1x eSATA. Support for RAID levels 0, 1, 5, 10.
ODD	DVD ± R/W Drive
Graphics Card	NVIDIA® Quadro® 600 1GB. Upgradeable to 3 NVIDIA® Quadro® 2000 cards.
Monitor	50.8 cm (20-inch), 1600 x 900 pixel resolution, antiglare surface, 1x DVI Port, 1x D-SUB. Energy Star 5.0, EPEAT® Gold, Eco button. Stand: Height Adjustable stand with tilt, swivel, pivot features. Monitor and workstation should be from the same OEM.
I/O Expansion	After cards offered above, the workstation should have an additional 4 PCIe slots available and free for future use. At least two of the available PCIe slots should be PCIe Gen 3 x16 [capable of supporting NVIDIA® Quadro® 2000 1 GB graphics card].
Ethernet	2x 10/100/1000 MBit/s Intel® 82579 LM and Intel® 82574L.
Ports	Front: 2x USB 3.0, 2x USB 2.0, 1x audio out, 1x audio in. Rear: 6x USB 2.0, 1x audio in, 1x audio out, 2x LAN RJ45, 1x Serial, 1x Parallel, 2x PS/2 for keyboard and mouse. Internal: 2x USB 2.0, 1x USB 2.0 with standard connector (e.g., Dongle), 1x Serial
Security	TPM 1.2, EraseDisk, BIOS password, Kensington Lock slot, Padlock ring.
Keyboard + Mouse	105 Key USB Spill-resistant Keyboard, Tilt-Wheel USB Optical Mouse, Quoted keyboard & mouse must be from the same workstation OEM
OS Compatibility	The quoted system must be compatible with Microsoft® Windows® 7 Professional 64-bit and Ubuntu Linux 64-bit.
Noise emission	Confirming to ISO9296. Maximum Noise in Operation modes 4 (High load) and 5 (Office applications) not more than 23 dB(A) .
Power Efficiency	At 230V, 50% load Efficiency must be 90% or better.
Compliance	The quoted system must conform to the following norms: FCC Class B, RoHS, ccCSAus, Energy Star 5.0, EPEAT standard.
Power output	Max. output of single power supply: 800-1000 W
Environmental	Server should be capable of operation in a temperature range of 10 to 35 Deg Centigrade.
Warranty	3 years, comprehensive on-site (inclusive of labor and parts costs).

Terms & Conditions:

1. **Rates:**
   (a) The rates quoted must be for F.O.B, New Delhi (inclusive of installation charges) as well as C.I.F., New Delhi.
   (b) Only INR quotes will be accepted.
2. **Terms of Payment:** Letter of credit or wire transfer after receipt of item.
3. **Validity of Quotations:** Quotation should be valid at least 90 days from the date of submission.
4. **Submission of Quotations:**
   (a) Quotations should be sent in a sealed cover marked at the top "Quotation for Workstations".
   (b) The technical and financial bids should be sealed in separate envelopes before putting them together in the sealed cover.
   (c) Supplier can quote workstations over and above the minimum requirements mentioned above.
   (d) Compliance chart should be clearly attached along with technical bid.
   (e) PAN No. is to be submitted with technical bid.
   Quotation should be **sent to : [Dr. Gaurav Goel, Department of Chemical Engineering, IIT Delhi, Hauz Khas, New Delhi 110 016, India].**
5. **Delivery:** Quotation must indicate a delivery schedule, which in no case should exceed 6 weeks from the date of placement of order.
6. **OEM:**
   (a) The OEM should be ISO 9001 certified (Copy of ISO certificate should be enclosed).
   (b) The OEM should feature in the recent Top500 list of HPC clusters (www.top500.org).
7. **Supplier:**
   (a) The supplier must be an authorized dealer/distributor of the principal/manufacture and should furnish the authorization certificate from the principal/manufacture.
   (b) The supplier must have experience in installing and managing 3D graphics cards (such as, NVIDIA Quadro 2000 or equivalent) for scientific computing. The supplier must submit proof of prior installations at other central govt. funded institutions and/or R&D labs.
   (c) The supplier should be able to install/set-up application softwares (GROMACS, VMD, OPENMM) for both CPU and GPU based computing. The supplier should provide contact details (in the technical bid) of the team member(s) providing this support service.
8. **Rejection:**
   (a) Quotations not conforming to the set procedure as above will be rejected.
   (b) Incomplete and conditional submitted tenders would be summarily rejected.
   (c) IIT Delhi reserves the rights of acceptance or rejection of any or all quotations without assigning any reason thereof.
9. **Discount/Rebates:** A special discount/rebate wherever admissible keeping in view that supplies are being made for educational and research purpose in respect of public institution of national importance may please be indicated.
10. **Contact:** Dr. Gaurav Goel
    I-309, IIT Delhi (Chemical Engineering)
    Mob: 9810607784; off: 011-2659 1025
    e-mail: goelg@chemical.iitd.ac.in