UNIVERSITY COLLEGE OF SCIENCE, TECHNOLOGY & AGRICULTURE
DEPARTMENT OF CHEMISTRY, UNIVERSITY OF CALCUTTA

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QUOTATION NOTICE

Quotations for one HP/Dell workstation described below are invited from authorized parties for the UGC-BSR funded project UGC-startup grant F.30-363/2017(BSR) under Dr. Kuntal Pal (PI). Suppliers are hereby requested to submit their quotations including the current Trade License, Service Tax Registration Certificate, PAN No., Copy of Registration Certificate with Statutory Authorities and other credentials within 7 working days from the publication of this notice in a sealed envelope addressed to the undersigned. The authority reserves the right to accept/reject any quotation without showing any reason thereof.

1	Processor	2 x Xeon E5-2650v4 2.2 GHz, 12 Core CPU
2	Chipset	Intel C612
3	RAM	96 GB ECC, DDR4, 2400 MHz memory; Total 8 DIMM Slots with 2 CPU's
4	Drive Controllers	Onboard 6-Channel SATA @ 6Gbps (RAID 0,1,5,10) Optional SAS Controller
5	Hard Disk	2 x 1 TB 7200 RPM SATA Hard Drive 2 x 3TB Drives in Option for future expansion of additional 4 Hard drives.
6	Optical Drive	9.5mm Slim SuperMulti DVD Writer
7	Graphics Card	Nvidia NVS 315 1GB Graphics Card
8	Monitor	24" monitor.
9	Bays	2 x External 5.25" 2 x Internal 3.5" Slim Optical Drive bay
10	Slots	2 x PCIe Gen3 x16 2 x PCI Express Gen2 1 x PCI Express Gen3 x8 1 x PCI All PCI Express slots should be open-ended.
11	Security	BIOS controlled electro-mechanical internal chassis lock for the system.
12	Ports	Front : 4 USB 3.0, 1 Headphone, 1 Microphone Rear : 4 USB 3.0, 2 USB 2.0, RJ-45 integrated Gigabit LAN, 2 PS/2, 1 Audio Line-In, 1 Audio Line-Out, 1 Microphone

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13	Keyboard and Mouse	Minimum 104 keys USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation
14	3D Mouse	USB Mouse
15	Audio	High Definition Integrated Audio with Internal speaker.
17	Power Supply	Minimum 900W 90% Efficient Power supply. EPEAT Gold certification for the system model. Power supply should support standalone self test.
18	Chassis	Completely tool less chassis with handles in front and rear side. Provision for Kensington lock and Panel lock required. Integrated handles on the chassis. System should be rack-mountable.
19	Operating System	RedHat Enterprise Linux latest version (One year).
20	Remote Collaboration Solution	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.
21	Additional Software (Performance advisor - Help 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 utilization (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.
22	Warranty	5 years onsite parts, labor onsite service warranty for system and monitor.

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23	Manufacturer	The hardware manufacturer should be a reputed concern, having global presence in multiple countries. Manufacturer and Bidder should have ISO certifications.

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