



DEPARTMENT OF PHYSICS  
UNIVERSITY COLLEGE OF SCIENCE  
MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

Durga Nursery Road  
UDAIPUR – 313039, Rajasthan, India

Tender No. CS/Phys/TENDER/Work Station | 2019 | 265

7.1.19

### Notice inviting limited Bids

Limited bids are invited for supply of Desktop Workstation. The estimated cost of the workstation may be up to Rs 2,00,000/-. Sealed quotations (addressed to Head, Department of Physics, University College of Science, Durga Nursery Road, MLSU) should reach latest by 2.30 PM on 23-01-2019.

#### Supply, installation and configuration of Workstation:

- To supply a Workstation manufactured by a reputed Workstation manufacturer as per specification given below within one month from date of placing purchase order.
- To train at least one user to independently make day to day operation and software maintenance.

#### Specification for the Workstation

Components	Specification
Processor	With Intel® Core™ X-series I9 7900x Processor 3.30 GHz , 10 Cores, 20 Threads or higher , Max Turbo Frequency 4.30 Ghz Socket: FCLGA2066
L3 Cache	13.75 MB
Chipset	Intel® X299 chipset series chipset or better, Super I/O Controller: Nuvoton NPCD315HA0DX
Memory	With 16 GB Memory and Can be configured with 128 GB of DDR4, UDIMM, non-ECC Memory with 2666MT/s, 2400MT/s, and 2133MT/s TruDDR4™ Memory
DIMM Slots	Should support 8 DIMM Slots memory configurations or higher
Memory Property	Memory should support non-ECC unbuffered DIMMs are supported
Hard Disk Drives	With 2TB 6 SATA @6Gb/s, supports RAID 0, 1, 5, and 10
RAID Support	HW RAID functionality not supported by Linux®. Use SW RAID functionality provided in the Red Hat® Operating system instead, Factory integrated RAID is Microsoft Windows only
Optical Drive	Should be configured with single DVD-RW drive
Graphics Controller	HD Graphics
Gigabit Ethernet Ports	Should be configured with Gigabit Ethernet ports and 1 x IMM or higher Supports the following management functionalities: WOL and PXE 2.1
PCI Slots	Should be configured with 2 Number of PCIe G3 x16, 2 Number of PCIe G3 x4, 1 Number of PCIe G3 x8 slot. <b>M.2 Slot 1:</b> PCI Express Gen3 x4 supplied by CPU Socket Type 3, Key M, H4.2, sizes 2260-D5-M, 2280-D5-M, 22110-D5-M, <b>M.2 Slot 2:</b> No 2nd M.2 connector
Audio	HD Integrated Audio Realtek ALC221
Ports	Should support 5 Number of USB 3.0 ports , also should support 4x DisplayPort and 1 Serial internal header
Drive bays	2 x 2.5"/3.5" internal drive bays, 2 x 5.25" external drive bays.
Rear I/O	Audio in/out, Keyboard/Mouse PS/2, USB: 5 USB 3.1 G1 Type-A, - 1x



	1GbE port	
OS Support	Latest version of Windows 10 Pro 64, Linux-ready (minimal OS ready for customer OS installation), Red Hat® Enterprise Linux® Desktop, Workstation (Paper license with 1 year support; no preinstalled OS) Red Hat® Enterprise Linux® Desktop 7.4, SUSE Linux® Enterprise Desktop 12 SP3, Ubuntu 16.04 LTS Redhat, Suse Linux, Vmware 5.x	
Warranty	3 Years Comprehensive Onsite Warranty	

*P. B. Singh*

PI of Project

**Principal Investigator**  
**DST-Women Scientist A**  
**Department of Physics**  
**M.L. Sukhadia University**  
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*M. T.*

MENTOR

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*M. P. Singh*

HEAD  
 HEAD

**Department of Physics**  
**Mohan Lal Sukhadia University**  
**UDAIPUR (Raj.)**