

Department of Computer Science and Engineering

Name of Equipment: PARAM SHAVAK SUPER COMPUTER

Specification:

Processor	2 x Intel Xeon Scalable processors with minimum 14 cores each with minimum 2.2 GHz Clock speed
RAM	96 GB ECC (8GBx12) DDR4 2400 MHz (minimum.)RAM in balanced configuration
Network	Two 1GbE network port
Accelerator/port	2 x 16 PCI-E Gen3 slots for GPU/Co-processors, with appropriate power supply, cables and cooling for two accelerators Two additional PCIe x16 Gen 3 slots
DVD	One number internal DVD RW/DVD combo
HDD	4 4TB SATA 3.5" 7200RPM Enterprise SATA/NL-SAS HDD with Hardware RAID controller (1GB cache) - with support of RAID 0,15,10
Graphics	Nvidia Quadro P400 or better with multi Display support. DP/DVI to VGA converter. Both DP/DVI to DP/DVI and VGA cable should be provided
OS Support	Fully certified with RHEL 7.3
Power Supply	80 Plus or better certified power supply and Power cables with sufficient capacity to accommodate 2 Nvidia GP100/Quadro P5000/ P6000 (Minimum 1100W power Supply)
Form Factor	4U / SU - Tower form factor
Monitor	19" or better Full HD IPS LED monitor with USB keyboard and Mouse. Monitor should have DP/DVI port to connect with graphics card
Accelerator Card	1 x NVIDIA GP100

Photos:

