

A. Specifications of Workstation

Make: HP or Dell

1. Essential

- (a) 2 nos. Intel Xeon Silver 4110 2.1G, 8C/16T, 9.6GT/s , 11M Cache, Turbo, HT
- (b) 4TB 7200rpm Nearline SAS Hard Drive (4 nos.)
- (c) RAID Controller with Hardware RAID 0,1,5 support, 12 Gb/s
- (d) 8 × Optical Disk Drive (DVD, R/W)
- (e) Graphics card with 2GB memory
- (f) Minimum 4 USB 3.0 ports
- (g) Atleast 2 ×1 Gigabit and 2× 10G with PXE boot capability
- (h) 1 no. dedicated management port. with keyboard, mouse and rack mounting kit
- (i) Warranty-5 years NBD OEM comprehensive onsite warranty.
- (j) The OEM should have Service setup in India.
- (k) Initial setup and OS installation to be done by the vendor.
- (l) MAF to be submitted by the vendor.
- (m) BOM with part no. to be provided with the bid.

2. Memory

- (a) 64GB (8x8GB) DDR4 2400MHz RDIMM ECC or better
- OR**
- (b) 96GB (6x16GB) DDR4 2400MHz RDIMM ECC or better

3. Monitor

(a) 34 inch

34 inch WQHD (3440 ×1440) Ultrawide 21:9 IPS Curved LED Backlit Computer Monitor with sRGB over 99%; 1800r curved VA screen; Display covering 91% of Adobe RGB and 103% of NTSC color gamut with Display HDR 400; HDMI 2.0b×2, Display Port 1.4, USB-C 3.1 Gen 2 and audio-in/out connectivity; USB 3.1 ports and USB-C PD 2.0/3.0; Built-in speakers, microphone, webcam or better; Height adjustable with 90 degree pivot and swivel functions; 5 years warranty (onsite)

OR

(b) 49 inch

49-inch SuperWide 32:9 LED monitor with Dual QHD (5120x1440) resolution 1800r curved VA screen; 2 HDMI Ports, 1 Display Port, 3 USB-C 3.1 Gen2 Ports, 2 Thunderbolt Ports; Brightness (Typical): 300 cd/m² ; Built-in speakers, microphone, webcam or better; Height adjustable with 90 degree pivot and swivel functions; Flicker Free Technology with 5 years onsite product warranty.

B. Bids eligibility

Bidders should quote

1. Details of the component and cost of the essential part
2. Details of the component and cost of atleast one option (both options preferred) for the memory
3. Details of the component and cost of atleast one option (both options preferred) for the monitor

C. Implementation and installation conditions

The vendor shall install and configure all required hardware and open source software suites: installation of open source compilers and applications, configuration of environment variables and license utility configuration. The requirements and proprietary licensed software, if any, will be provided by IIA at the time of installation.

D. Additional

Documentation, soft copy of installation, administration and user manual has to be submitted. The vendor should give the power and cooling requirements for the workstation along with the proposal. Requirement for minimum cooling and power is essential. The escalation matrix has to be provided.