

Web e-Corrigendum to the Tender 3000000309 dated 20.12.2016 with Revised Tender Closing date up to 09.02.2017 & Change in Technical Specifications.

I) Revised technical specification:

Item No 100: HIGHEND WORKSTATION (HP/DELL/FIJITSU)

TECHNICAL SPECIFICATIONS:

1. Processor: 2 x Intel Xeon E5-2650 v4 (30M cache, 12 Cores, 24 Threads, 2.20 GHz (105W) 9.60 GT/sec Intel® QPI, 14nm) (Total 24 Cores) or higher.
2. Chipset: Intel C612 or higher
3. Memory: 64GB DDR4 2133/ 2400MHz Registered ECC DIMM. Should be expandable to 1024GB DDR4, Min 16 Memory Slots
4. Hard Drive Controller Adapter: Intel Integrated RAID Controller supporting RAID 0/1/5/110
- 5a. HDD: 4 x 2TB SATA Hard Drive, 7200RPM, 3.5" RAID 0, 1, 5, 10 support.
- 5b. Support for 512GB SSD on Internal or External Bay. 512GB SSD to be included as part of the offer
6. Graphic Card: NVIDIA Quadro M2000 with 4GB or equivalent
7. DVI to VGA Dongle to be provided
8. Optical Drive: DVD-RW Drive
9. Audio Card: Integrated Audio
10. Ethernet Ports: 2 x 1G Ethernet ports
11. Protection - Key Lock capability/ and preferred to have one TPM (Trusted Platform Module)
12. Platform: Tower 1100W or More Power Supply with 90% or better efficiency
13. Recovery DVD: Recovery Media for OS to be included
14. Pub: Publication - English
15. Line Cord: LineCord - India
16. Ports: total 8 USB (min 4 with support of 3.0), Serial and PS/2 support (Native or using USB converters), Min 1 Audio in, Min 1 Audio out, 1 no. 24-in-1 Multi Card Reader
17. PCI Expansion: Minimum of 5 PCIe Slots
18. Cooling: Efficient cooling system
19. Diagnostics: Diagnostics and monitoring using Management Software bundled with Workstation
20. Certifications: ENERGY STAR Qualified, EPEAT Registered, RoHS Compliant
21. Keyboard: USB 104 Keys Keyboard - English
22. Mouse : USB Wheel Mouse to be included
23. Monitor: 24 inch LED Monitor or higher with DVI and VGA ports
24. OS Windows: 10 Pro 64 bit
25. Warranty: 5 Year On-site including hardware and software updates

Item No 200: NETWORK ATTACHED STORAGE: (HP/DELL/FIJITSU)

TECHNICAL SPECIFICATIONS:

1. Form factor : 2U or less rack-mount form factor
2. Processor: Populated with 1 x Intel Xeon E5-2609 v4 (20M cache, 8 Cores, 8 Threads, 1.70 GHz (85W) 6.40 GT/sec Intel® QPI, 14nm) or higher. Expandable up to two processors of the Intel Xeon processor E5-2600 v4 product family, Up to 22 cores (2.2 GHz core speeds), Up to 3.5 GHz core speeds (4 cores), Two QPI links up to 9.6 GT/s each, Up to 55 MB cache per processor, Up to 2400 MHz memory speed.
3. Chipset: Intel C612 or higher
4. Memory : Populated with 2x 16GB (Total 32GB) DDR4 2100/ 2400 Memory . Support for RDIMM/ LRDIMM. Max Memory scalability being 1.5TB
5. Memory protection: ECC, memory mirroring, memory rank sparing support. Incorporate spare Memory modules in case required to achieve this protection
6. Drive bays: 48TB NL-SAS (8 x 6TB 7.2K 12Gbps NL SAS 3.5in G2HS 512e HDD). The drives should be configured as RAID 5. For OS, it should be populated with 2 x 120GB 2.5in Enterprise Value SSD configured in RAID-1 or higher. The storage should be expansable to 12 nos. 3.5" HDD and/ or 24 nos. 2.5" HDD. Scalability of NAS storage capacity being 120TB or more.
6. Storage controller: RAID controller with 2GB Cache supporting RAID 0, 1, 10, 5, 50, 6
7. Network interfaces: Four integrated RJ-45 Gigabit Ethernet 1000BASE-T ports (BCM5719). Options for additional Addon cards for 10Gb (SFP+/ RJ45) should be available

8. I/O expansion slots : Upto 6 PCIe 3.0 slots (considering 2 Processor configuration)
9. Ports : Atleast 6 USB Ports (2 nos. being USB 3.0), 1x DB-15 video, 1x RJ-45 systems management.
10. Cooling : Servers should have Hot Plug redundant fans in N+1 configuration
11. Power supply : Dual redundant hot-swap High Efficiency Power Supply with 92% or better efficiency
12. Video : Standard VGA Display card should be included
13. Hot-swap parts : Hard drives, power supplies, and fans.
14. Systems management : The NAS storage should be bundled with respective Management Software.
15. Security features : Power-on password, Administrator's password, at least one Trusted Platform Modules (TPMs)
6. Operating systems: NAS Storage should be built in with Windows Storage Server 2012 R2 Standard installed on the 2*120GB SSD Disks. Server should be certified on Microsoft Windows Server 2012 R2; Red Hat Enterprise Linux 7; SUSE Linux Enterprise Server 11 and 12; VMware vSphere (ESXi) 5.5, and 6.0, Oracle VM, Oracle Enterprise Linux
17. Warranty: 5 Year customer-replaceable unit and onsite limited warranty with 9x5 next business day.

Item No 300: MIDRANGE WORKSTATION (HP/DELL/FIJITSU)
 TECHNICAL SPECIFICATIONS:

-
1. Processor: 2 x Intel Xeon E5-2620 v4 (30M cache, 8 Cores, 16 Threads, 2.10 GHz)
 2. Chipset: Intel C612 or higher
 3. Memory: 4GB DDR4 2133/ 2400MHz Registered ECC DIMM. Should be expandable to 256 DDR4
 4. Hard Drive Controller Adapter: Intel Integrated RAID Controller supporting RAID 0/1
 5. HDD: 2 x 2TB SATA Hard Drive, 7200RPM, 3.5" with minimum RAID 0, 1 support
 6. Keyboard: Standard Keyboard - English
 7. Mouse : USB Scroll Mouse to be included
 8. PCI Expansion: Minimum of 4 PCIe Slots
 9. Ports: total 7 USB (min 2 with support of 3.0), Min 1 Audio in, Min 1 Audio out
 10. Optical Drive: DVD-RW Drive
 11. Ethernet Ports: 1 x 1G Ethernet ports
 12. Diagnostics: Diagnostics and monitoring using Management Software bundled with Workstation
 13. Certifications: Energy Star Qualified/ EC/ BIS Certifications
 14. OS Windows: 10 Pro 64 bit
 15. Protection - Key Lock capability/ and preferred to have one TPM (Trusted Platform Module)
 16. Platform: Tower 600W or More Power Supply with 90% or better efficiency
 17. Warranty: 5 Year On-site including hardware and software updates

Item No 400 : Workstation Monitor for item No 300 above.
 No change

Item no 500: Graphics Card Specifications for Item No 300 above
 Graphic Card: NVIDIA Quadro M2000 with 4GB or higher.

Item no 600: AMC for 4th Year
 No change

Item no 700: AMC for 5th Year
 No change

II) Revised Tender Closing Date & Time: 09.02.2017, 14:00 Hrs
Revised Tender Opening Date & Time: 10.02.2017, 11:00 Hrs

III) All other terms and conditions of the original tender remain unchanged.

Note:

- ✓ Tender Id 2016_MDL_68456 on e-portal i.e. <http://eprocuremdl.nic.in> to be treated as cancelled. All bidders need to fill fresh/new prices in Tender Id 2017_MDL_68669.
- ✓ Prices quoted in Tender Id 2016_MDL_68456 will not be considered against this tender.