

SPECIFICATIONS FOR SERVERS AND ACCESSORIES

Quad processor servers.

Quantity: 2 units

- 4 x Intel Xeon E7-4850v2 processors (12 core, 2.3GHz, 24M cache)
- 768 GB DDR3-1600 ECC RDIMMs (with 48 x 16 GB RDIMMs)
- 24 x 1 TB, 7200 RPM, SATA (6Gbps) hot plug HDDs with hardware support for RAID levels 0, 1, 10, 5 & 6
- 2 x 10 Gigabit Ethernet on-board with RJ45 interface
- up to 4U rackmount chassis with rail-kit
- Redundant hotswap power supply with 80% or higher efficiency
- Five years comprehensive on site warranty
- Vendors may bid with different configurations for storage as long as the total raw storage is 24 TB.
- Configurations with external storage may be considered as long as bidders can make a clear case in the technical bid that this does not lower performance for I/O.

- Option: with 1536 GB DDR3-1600 ECC RDIMMs

Storage servers:

Quantity: 2 units

- 2 x Intel Xeon E5-2660v2 processors (10 core, 2.2GHz, 25MB cache)
- 384 GB DDR3-1866 ECC RDIMMs
- 24 x 2 TB, 7200 RPM, SATA (6Gbps) hot plug HDDs with hardware support for RAID levels 0, 1, 10, 5 & 6
- 2 x Gigabit ports on board
- 2 x 10 Gigabit ports with RJ45 interface
- up to 4U rackmount chassis with rail-kit
- Redundant hotswap power supply with 80% or higher efficiency
- Five years comprehensive on site warranty
- Vendors may bid with different configurations for storage as long as the total raw storage is 24 TB.
- Configurations with external storage may be considered as long as bidders can make a clear case in the technical bid that this does not lower performance for I/O.

Network servers:

Quantity: 6-10 units

- 2 x Intel Xeon E5-2660v2 processors (10 core, 2.2GHz, 25MB cache)
- 192 GB DDR3-1866 ECC RDIMMs
- 8 x 1 TB, 7200 RPM, SATA (6Gbps) hot plug HDDs
- 2 x Gigabit ports on board
- 2 x 10 Gigabit ports with RJ45 interface
- up to 3U rackmount chassis with rail-kit
- Redundant hotswap power supply with 80% or higher efficiency
- Five years comprehensive on site warranty

General Terms and Conditions:

1. Each OEM can make only one bid. A certificate of authorization from the OEM specific for this tender must be submitted with the bid. In case multiple authorized bids are received from an OEM, all such bids will be disqualified.
2. Bidder must have an annual turnover in excess of 10 crore for servers, workstations and cluster computers in each of the last three years. This condition may be relaxed if the bidder can demonstrate active role in supply of five such systems during each year in the last three years.
3. This is a two part tender and the technical bid must contain detailed documentation of the motherboard and other major components like RAM, HDDs, NICs, power supply, chassis, etc.
4. Expected power consumption at full load must be stated for each model.