List of Items Required

(A) 16 Core AMD Compute Server, Quantity: 2 numbers

1. Processors: 2 x AMD Opteron 6380 Processors (16 cores, 2.5 GHz)
2. Memory: 64 GB DDR3 ECC Reg. RAM (support for up to 16 DIMM sockets)
3. Hard Disk Drives: 2 x 2TB 3.5" 7,200 rpm SATA hard drives (support for up to 4 HDD bays)
4. 1x 4-Port RAID Controller with support for RAID 0, 1, 5 & 6
5. Optical Drive: DVD-RW Drive
6. Dual-Port Gigabit LAN Controller
7. Dedicated LAN for system management (IPMI 2.0)
8. Chassis & Power Supply: Rack-mountable chassis with High-efficiency Redundant Power Supplies
9. Rack mount rail kit
10. Three years comprehensive on-site warranty
11. Monitor, Keyboard and mouse not required

(B) Data Storage Server, Quantity: 1 number

1. Processors: 2 x Intel® Xeon® Ivy Bride Processor E5-2630V2 (6 core 15MB Cache, 2.6 GHz, 7.2 GT/s Intel® QPI, TDP 80W)
2. Memory: 32 GB DDR3 ECC Reg. RAM (support for up to 16 DIMM sockets)
3. Hard Disk Drives: 10 x 3 TB 3.5" 7,200 rpm SATA hard drives
4. Hard Drive Expansion slots: At least 10 more free bays for future expansion
5. 1x 4-Port RAID Controller with support for RAID 0, 1, 5 & 6
6. Open E Unlimited TB DSS V7 License
7. Open E 3 Years Standard Support
8. Optical Drive: DVD-RW Drive
9. Dual-Port Gigabit LAN Controller
10. Dedicated LAN for system management (IPMI 2.0)
11. Chassis & Power Supply: Rack-mountable chassis with High-efficiency Redundant Power Supplies
12. Rack mount rail kit
13. Three years comprehensive on-site warranty

(C) Rackmount solution

1. 42U server rackmount solution with all required accessories

General Conditions

1. The bidder must have supplied, installed and integrated at least five similar systems across India, preferably in IIT Madras/other IITs/ R&D labs. Please provide a list of your installations.
2. Delivery time for the systems, from the date of issue of PO, should be indicated by the vendor.
3. Clearly indicate the taxes and any other duties (approximate, if exact value not known) in your quotation.
4. The period of warranty will be for **three years (comprehensive on-site)** from the date of acceptance.
5. Quotations supplied must have a validity period of at least 60 days.