

BOSE INSTITUTE
KOLKATA

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| Tender No. | BI/BIC/SERB/KS/15-16/01 |
| Tender Date | 01-02-2016 |
| Tender Type | Limited |

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| Tender Title | MNC Branded Server, OEM authentication certificate require |
| Specification | Annexure -I |
| Quantity | 01 |

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| Last Date & Time for submission | 19.02.2016 upto 2.00 p.m. |
| Date & Time for opening bids | 19.02.2016 at 3.00 p.m. |
| Submission of Tender (address) | Bioinformatics Centre, Bose Institute, Centenary Building, P-1/12, CIT Scheme VII M, Kolkata 700054 |
| Venue of bid opening | As above |
| For any query the interested bidders may contact (Dept./Section/Div./Unit) | 033-2569 3306 |

General Terms & Conditions

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| Warranty | 5 years onsite warranty (24 x 7 call logging) by OEM |
| Payment terms | Payment will be made after complete delivery of the instrument in good condition and satisfactorily installation |
| Delivery schedule | Within 2 weeks from date of order & if any defect of the supplied item is found, it should be replaced immediately from your side. |
| Bid security (earnest money deposit) if applicable | Rs.15,000.00 (Rupees Fifteen thousand) Pay order / demand draft on any nationalized bank of India ; bidder shall submit the same in a separate envelope with a cover letter, giving therein details of the bid security along with tender number and Bid Security should be submitted in favour of "Bose Institute" payable at Kolkata. |
| Submission of Performance Bank Guarantee (PBG), if applicable | 10% of the Order value |
| Any other information (if applicable) | |

Name of the instrument and submission of tender should be mentioned on the envelop positively.

Director, Bose Institute reserves the right to accept or reject any or all tenders either in part or in full. The reasons for rejecting the tender of a prospective bidder will be disclosed only when enquiries are made.

Sd/-
Sr. Professor & Incharge, Registrar's Office

Annexure - I

Sealed quotations are invited from enlisted vendors for the purchase of following stores

MNC Branded Server, OEM authentication certificate require

| Sr.No | Components | Minimum required specifications |
|-------|----------------------------------|--|
| 1 | Processor | 2x Intel® Xeon processor E5-2600 v3 product family® |
| 2 | Cores | 8 or higher each |
| 3 | Memory | RAM (min): 64 GB (2x32GB) DDR-4 ECC 2133 MHz RDIMM RAM; |
| 4 | Internal Storage | 3x300GB SAS 15K 3x2TB NLSAS (or higher capacity disk) |
| 5 | HDD bays | Up to 16 x 2.5" HDD: SAS, SATA, near line SAS SSD: SAS, SATA Up to 8 x 3.5" HDD: SAS, SATA, near line SAS SSD: SAS, SATA |
| 6 | I/O slots | Up to 7 x PCIe 3.0 |
| 7 | RAID levels | Support for RAID 0,1, 5,6, 10, 50, 60, JBOD ; populated with RAID controller with 2 GB Cache, 2 x SAS 12Gb/s - 36 pin 4x Mini SAS HD (SFF-8643) |
| 8 | Network Interface | 4 Gigabit ports on board |
| 9 | Graphics controller | Integrated Graphics with at least 16MB Video Memory |
| 10 | Server Mgmt. | OEM embedded controller with IPMI 2.0 compliance and Server Management Tool from same OEM; Must provide server management software to remotely manage all servers from a single console. Software must be from the same OEM. |
| 11 | Ports | 5 USB 2.0 ports(2 each on rear and front, 1 internal), 1 Serial, keyboard, mouse, graphics (DB-15) |
| 12 | Power supplies | Redundant Platinum rated efficient Power Supply (at least 750 Watts each) to sustain above configuration. Power Supply with 80+ Gold certified for better utilization. |
| 13 | Cooling | Hot plug and redundant fans |
| 14 | Controller | 2GB NV Flash Backed Cache ;Capable of RAID as well as Non-RAID (JBOD Mode) operations |
| 15 | Industry standard support | User-selectable power cap (subsystems throttle to maintain the specified power cap), ACPI 3.0 Compliant, PCI 2.3 compliant, PXE and WOL Support, IPv4 and IPv6 support |
| 16 | Industry standard certifications | Microsoft Windows Server 2008 R2, Microsoft® Windows® HPC Server 2008, Novell SUSE Linux Enterprise Server, Red Hat Enterprise Linux, Sun Solaris, Microsoft® Windows Server® 2008 Hyper-V, VMware® ESXi Version 4.1, Citrix® Xen Server 5 FCC, UL, ROHS |
| 17 | Form factor | Max. 2U Rack form factor with sliding rails to fit into industry standard 19" Server Rack |
| 18 | Warranty | 5 years onsite warranty (24 x 7 call logging) by OEM |
| 19 | DVD ROM | DVD RW |

System should be compatible with RHEL /CENTOS.

OEM should have direct spare /support in Eastern India.

OEM should have at least 5 on-roll employee in India for last years.