

# West Bengal University of Technology

## Tender Form

### Library Server and KVM switch

**Notice No** :LSER/FO/11-12/1  
**Date of Issue** : 5-APR-2011

**D.D. No. for the Tender Price** :

**Address:**

BF-142, Sector-I,  
Salt Lake City,  
Kolkata-700064

**Tele-Fax No:**  
(033) 2334-1034

**Phone No.:**  
(033) 2321-1345

# **Tender Paper for Supplying Servers and KVM Switch**

## **Ref: Tender Notice No. LSER/FO/11-12/1 dated 5/4/2011**

**a) Name & Address of the Firm :**

**b) Telephone No:**

**c) Mobile No.:**

**d) Fax No:**

**2. Name of the items for which the Firm is interested:**

**3. Name of the Proprietors/partners/directors etc:**

**4. Trade License No (With Photocopy):**

**5. VAT License No:**

**6. Service Tax Registration No (With Photocopy):**

**7. Additional Information if the party wants to include:**

**8. Copies of Testimonials/credentials/certificates regarding services/experience etc:**

**Signature with Stamp**

Please give sealed quotation for the following Server 1 and 2 and KVM switch clearly superscribing the tender notice number on the envelop.

## **Technical Specifications:**

### **Server 1**

Component	Description
Processor	Intel Xeon 5620 Processor (2.40 GHz, 80 W,DDR3-1066, HT, Turbo 1/1/2/2). Should support Advanced memory protection, including memory mirroring, lockstep mode and multi-bit error protection
Processor cores	Quad
Processor cache	12MB (1 x 12 MB) Shared Level 3 cache
Multi-processor	2 capable & populated
Chipset	Intel 5520
Memory type	PC3-10600R (DDR3-1333) Registered DIMMs
Installed memory	12 GB
Max memory	384 GB RDIMM
Storage type	Hot plug,SFF, Serial attached SCSI (SAS)/ SATA
Internal Drive Bays	up to 16
Optical media	DVD-RW Drive
Expansion slots	1 x full-length/full-height PCI-Express x16 Connector 2 x half-length/full-height PCI-Express x8 connector
Storage controller	SAS RAID Controller supporting RAID 0/1/1+0/5/5+0, with 512 MB BBWC
Hard Drives	5 x 146 GB 10 K SAS
Form factor	Rack (Rails to be provided)
Rack height	2U
Networking	Two Dual Port Multifunction Gigabit Server Adapters (four ports total) with TCP/IP Offload Engine, including support for Accelerated iSCSI
I/O Interfaces	Serial 1 Pointing Device (Mouse) 1 Graphics 1 Keyboard 1 VGA 2 (1 front, 1 back) Network RJ-45 4 Remote management port 1 SD slot 1 USB 2.0 Ports 5 total: 2 front, 2 back, 1 internal
Redundant Fans	Yes, N + 1 redundant
Redundant Hot Plug Power Supply	Yes
Warranty - year(s) (parts/labor/onsite)	3/3/3 from OEM
Required Compliances	ACPI 2.0 Compliant PCI 2.2 Compliant WOL Support USB 2.0 Support
OS Support	Supports Windows, RHEL, SLES, Solaris, VMware, and Citrix Essentials for XenServer

## Server 2

<b>Server 2</b>	
<b>Component</b>	<b>Description</b>
Processor	Intel Xeon 5620 Processor (2.40 GHz, 80 W,DDR3-1066, HT, Turbo 1/1/2/2). Should support Advanced memory protection, including memory mirroring, lockstep mode and multi-bit error protection
Processor cores	Quad
Processor cache	12MB (1 x 12 MB) Shared Level 3 cache
Multi-processor	2 capable & populated
Chipset	Intel 5520
Memory type	PC3-10600R (DDR3-1333) Registered DIMMs
Installed memory	8 GB
Max memory	384 GB RDIMM
Storage type	Hot plug,SSF,Serial attached SCSI (SAS)/ SATA
Internal Drive Bays	up to 16
Optical media	DVD-RW Drive
Expansion slots	1 x full-length/full-height PCI-Express x16 Connector 2 x half-length/full-height PCI-Express x8 connector
Storage controller	SAS RAID Controller supporting RAID 0/1/1+0/5/5+0, with 512 MB BBWC
Hard Drives	5 x 146 GB 10 K SAS
Form factor	Rack (Rails to be provided)
Rack height	2U
Networking	Two Dual Port Multifunction Gigabit Server Adapters (four ports total) with TCP/IP Offload Engine, including support for Accelerated iSCSI
I/O Interfaces	Serial 1 Pointing Device (Mouse) 1 Graphics 1 Keyboard 1 VGA 2 (1 front, 1 back) Network RJ-45 4 Remote management port 1 SD slot 1 USB 2.0 Ports 5 total: 2 front, 2 back, 1 internal
Redundant Fans	Yes, N + 1 redundant
Redundant Hot Plug Power Supply	Yes
Warranty - year(s) (parts/labor/onsite)	3/3/3 from OEM
Required Compliances	ACPI 2.0 Compliant PCI 2.2 Compliant WOL Support USB 2.0 Support

# KVM Switch specifications

KVM Switch supporting 1 local user, 8 systems with On Screen Display, USB and PS/2 support with eight nos. of Cable PS/2, USB - 6 ft

1. Should support cascading to support up to 256 target devices
2. Should have ability to customize scanning times between attached systems with programmable auto scan
3. Should use a three-in-one KVM cable that supports USB or PS/2 target devices
4. Required hardware support:
  - a. Computers: PC, Mac, Sun {with USB or PS/2 interface}
  - b. Monitors: 2048 x 1536 maximum
  - c. Peripherals: PS/2 keyboard, PS/2 mouse, USB keyboard, USB mouse, VGA monitor

## General conditions:

1. The tenderers are required to deposit the tender forms along with relevant papers(mentioned in the form), in two sealed covers mentioning financial bid and technical bid separately.
2. Only OEMs or their Dealers with Tender Specific Authorisation can participate in this Tender.
3. The OEM certified Bill of Material and Compliance Statement must be submitted
4. The university reserves the right to accept or reject any tender without showing any reason.
5. Tender for supply of the goods mentioned in the notice may be submitted in full or in part.
6. Tender fee of Rs. 200/- has to be deposited along with the tender papers. All payments should be made through demand drafts in favour of the 'West Bengal university of Technology' payable at Kolkata.
7. The last date of receiving of tender paper in the office of the finance officer is 26<sup>th</sup> April 2011 before noon. The paper will be opened on the same day at 2.00 pm.
8. Incomplete tender shall be summarily rejected.
9. Subcontracting in any form will not be entitled by the university.
10. All legal disputes shall be subject to jurisdiction of Calcutta High Court.