



WEST BENGAL UNIVERSITY OF TECHNOLOGY TENDER FORM

- 1. Server(1)**
- 2. Server Rack(1)**

Notice No.: CSE/FO/2013/4

Date of Issue July 02, 2013

Tender Price: Rs. 200/-

D.D. No. for the Tender Price:

Address:

**BF-142, Sector-I,
Salt Lake City, Phone No.:
Kolkata-700064**

Tele-Fax No:

(033) 2334-1034

(033) 2321-1345

Tender Paper for Supplying Server / Server Rack

1. 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 items clearly superscribing the tender notice number on the envelope.

TECHNICAL SPECIFICATIONS

1. Server Specifications:

Sl. No	Features	Specifications Required
1	Form factor/height	Rack/2U
2	Processor	Intel Xeon Quad Core E5 2609 2.4GHz. or higher processor with QuickPath Interconnect technology
3	Chipset	Intel C602J
4	Number of processors (std/ max)	1/2
5	Cache	10MB L3
6	Memory (max)	32GB (4 X 8GB) Up to 348 GB (UDIMM/RDIMM/LRDIMM/HyperCloud DIMM)
7	PCI Expansion slots	Up to six slots depending on the riser cards installed. The slots are as follows: Slot 1: PCIe 3.0 x8; full-height, full-length Slot 2: PCIe 3.0 x8; full-height, half-length Slot 3: PCIe 3.0 x8; full-height, half-length Slot 4: Optional, requires second processor and second riser card Slot 5: Optional, requires second processor and second riser card Slot 6: Optional, requires second processor and second riser card Optional riser cards available with PCIe x8 or PCIe x16 or PCI-X slots
8	Disk Drive bays	Up to 32 1.8" SSD bays, or 16 2.5" hot-swap SAS/SATA bays, or up to six 3.5" hot-swap SAS/SATA bays, or up to eight 2.5" Simple Swap SATA bays, or up to six 3.5" Simple Swap SATA bays
9	Internal storage	2 X 300GB 2.5 in. hot-swap Serial Attached SCSI (SAS) Hard Disc
10	Maximum internal storage	Up to 16 TB (hot-swap SAS/SATA)
11	Network interfaces	Four integrated Gigabit Ethernet 1000BASE-T ports (RJ-45); two embedded 10 Gb Ethernet ports (10GBASE-T RJ-45 or 10GBASE-SR SFP+ based) on optional 10 Gb Ethernet mezzanine card (does not consume PCIe slot).
12	Ports	Two USB 2.0 and one DB-15 video on front. Four USB 2.0, one DB-15 video, one DB-9 serial, one RJ-45 systems management, four RJ-45 GbE network ports, two optional RJ-45 or SFP+ 10 GbE network ports on rear. Two internal USB ports (for embedded hypervisor and internal tape drive).

13	Cooling	OEM Calibrated Vectored Cooling™ with up to four redundant hot swap fans (three standard, additional fan with second processor or with the Server Thermal Solution Kit); two fan zones with N+1 fan design; each fan has two motors
14	Video	Matrox G200eR2 with 16 MB memory integrated into the IMM2. Maximum resolution is 1600x1200 at 75 Hz with 16 M colors
15	Power supply (std/max)	hot-swap 550 W ac
16	Optical Drive	DVD RW
17	Hot-swap components	Power supplies, fan modules, disks
18	RAID support	ServeRAID M5110e RAID on motherboard, integrated 6 Gbps hardware RAID-0, -1
19	NEBS 1/ETSI compliance	Equivalent compliance for both AC and DC power supply
20	Energy-efficiency compliance	Compliant with 80-PLUS® and ENERGY STAR® energy-efficiency standards
21	Security features	Power-on password, administrator's password, Trusted Platform Module (TPM)
22	Systems management	OEM IMM with Virtual Media Key for optional remote presence enablement, Predictive Failure Analysis, Diagnostic LEDs, light path diagnostics panel, Automatic Server Restart, OEM Systems Director and OEM Systems Director Active Energy Manager™
23	Operating systems supported	Microsoft Windows Server 2008 R2 and 2008, Red Hat Enterprise Linux 5 and 6, SUSE Linux Enterprise Server 10 and 11, VMware ESX 4.1 and VMware ESXi 4.1 embedded hypervisor, VMware vSphere 5
24	Monitor	20" LED Monitor, Keyboard & Mouse
25	Limited warranty	3-year customer replaceable unit and onsite limited warranty

2. Server Rack Specifications:

17U 19" Server Rack (600 X 1000)

- Basic Frame: End Frame + 4 x square cut vertical mounting railings + depth supportors + Mounting support
- Front Door: Glass Door
- Rear Door: Vented Steel Door
- Side Panels: Plain Side Panels
- Caster M6 screw pack
- 1 No Rack Tray
- 1 No. Keyboard Tray
- PDU 6 Socket 5 Amp one set

General conditions:

1. The tenders are required to deposit the tender forms along with relevant papers (mentioned in the form) in sealed cover mentioning financial bid.
2. The university reserves the right to accept or reject any tender without showing any reason.
3. Tender for providing the previous work experience list mentioned in the notice may be submitted in full or in part.
4. All payments should be made through demand drafts in favor of the 'West Bengal University of Technology' payable at Kolkata.
5. The last date of receiving of tender paper is **19th July, 2013**, 5 PM in the office of the Finance Officer.

Tender opening date:: **22nd July 2013** , 2 PM

- 6 Incomplete tender shall be summarily rejected.
7. Subcontracting in any form will not be entitled by the University.
8. All legal disputes shall be subject to jurisdiction of Calcutta High Court.