

INDIAN INSTITUTE OF TECHNOLOGY PATNA

(Store & Purchase Section)

Corrigendum-I

Date: 10.04.2023

Subject: E-Tender for “**Annual Maintenance Contract (AMC) for critical HP Servers for 03 years**” at IIT Patna.

Tender Reference No.: **IITP/S&P/EPR/9/CC-109/2022-23, Dated: 28.02.2023.**

Tender ID: **2023_IITP_743016_1.**

- I. Specification of the server is added in the tender document as Annexure-I(a).**
- II. The last date of EoI submission is being extended as per following schedule:**

Last date and time for bid submission to be read as 24.04.2023 (till 03:00 pm)

Opening date and time of bid to be read as 25.04.2023 (03:30 pm)

Other terms and conditions remain unchanged.

Annexure-I(a)

Sl. No.	Item	Description of Requirement	Qty
	Chassis	2 U Rack Mountable	04
	CPU	Two number of Intel Xeon E5-2640 v4 (10 Core, 2.4 GHz) or higher has to be proposed	
	Motherboard	Intel® C610 Series Chipset	
	Memory	Minimum 128 GB DIMMS scalable upto 1.5TB or above using DDR4 and should have minimum 24 DIMM slots	
	HDD Bays	Server should be configured with minimum 12TB usable after RAID 5 using 1.8TB HDD SFF 10K 6G or higher SAS drives. Server should support total of minimum 24 no. of HDD bays.	
	Optical drive Bay	Optical Drive has to be provided (Internal/External)	
	Controller	PCIe 3.0 based 12Gb/s SAS Raid Controller with RAID 0/1/1+0/5/50/6/60/1	
	Networking features	Minimum 4 x 1 Gb Base-T Port and minimum 2 x 10Gb Base-T Port Ethernet adaptor supporting enterprise class features such as VLAN tagging, adaptive interrupt coalescing, MSI-X, NIC teaming (bonding), Receive Side Scaling (RSS), jumbo frames, PXE boot and virtualization features such as VMware NetQueue and Microsoft VMQ.	
	Interfaces	Minimum Serial - 1 Minimum Micro SD slot - 1 USB 3.0 support With min. 5 total: min. 1 front, min. 2 rear, min. 2 internal (secure)	
	Bus Slots	Minimum Six PCI-Express 3.0 slots, at least two x16 and four x8 slots	
	Power Supply	Redundant platinum hot plug Power Supplies	
	Fans	Redundant hot-plug system fans	
	Graphics	Integrated graphics controller supporting 1280 x 1024 (32 bpp)	
	Industry Standard Compliance	ACPI 2.0b Compliant PCIe 3.0 Compliant PXE Support WOL Support Microsoft® Logo certifications USB 3.0 Support USB 2.0 Support Energy Star ASHRAE A3/A4 UEFI (Unified Extensible Firmware Interface Forum)	
	Embedded system management	Should support monitoring ongoing management, service alerting, reporting and remote management with embedded Gigabit out of band management port Server should support configuring and booting securely with industry standard Unified Extensible Firmware System should support RESTful API integration System management should support provisioning servers by discovering and deploying 1 to few servers with Intelligent Provisioning System should support embedded remote support to transmit hardware events directly to OEM or an authorized partner for automated phone home support	
	Operating Systems and Virtualization Software	Microsoft Windows Server, Ubuntu, Red Hat Enterprise Linux (RHEL), SUSE Linux Enterprise Server (SLES), Oracle Solaris, VMware vSphere ESXi, Citrix XenServer	

	Support		
	Warranty	Server Warranty includes 5-Year Parts, 5-Year Labor, 5-Year Onsite support with next business day onsite response direct support from server OEM.	
	Provisioning	Essential tools, drivers, agents to setup, deploy and maintain the server should be embedded inside the server. There should be a built -in Update manager that can update firmware of system by connecting online.	
	Remote Management	System remote management should support browser based graphical remote console along with Virtual Power button, remote boot using USB/CD/DVD Drive. It should be capable of offering upgrade of software and patches from a remote client using Media/image/folder; It should support server power capping and historical reporting and should have support for multifactor authentication.	
	Server Management	The Systems Management software should support Role-based security	
	Operating System	RHEL latest version with 5 years support subscription and Media Kit	