



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Government Gazette JNTU Act No. 30 of 2008)
Kukatpally, Hyderabad – 500 085, Telangana (India)

Amendment to the Tender Notification No.JNTUH/DAPO/TENDERS/03/2017 dated 19.04.2017

In continuation of the pre-bid meeting held on 29.04.2017 at 04.00 PM in the Committee Room of the Director, Academic & Planning, and as per the discussions, certain amendments are occurred for the specification of the items mentioned in the respective Tender Documents.


Hence, you are requested to read as details mentioned below:

S.No.	Description	Existing Serial No. of item specification	Modified specification	
Item 1	Server (UL)		To be read as	
		1-23 points	Server make and Model	Reputed Company
			Processor :	Two Intel® Xeon® E5- 2620v4 (2.1GHz/8- core/20MB/85W) Processor Kit
			Processor : Socket	2
			Internal Interconnect	Intel Quick Path Interconnect (QPI) link: 6.4GT/s; 7.2GT/s; 8.0 GT/s
			Cache	20 MB Cache
			Operating System	OS Paper Licensed Windows 2016 Standard Edition
			Operating System Support	® SUSE® Linux® Enterprise Server /Red Flat® Enterprise Linux® /
				® Microsoft® Windows Server® 2012 /
				® Microsoft Windows Server 2008 R2 SP1, x64 (includes Hyper- V® v2)
			Memory	32 GB DIMMS scalable to at least upto Up to 384 GB (12 DIMM slots) 2GB/4GB/8GB/16GB/32 GB DDR3 up to 1600M T/s or higher
			Storage	3x 600GB 12GSAS 10Krpm SFF (2.5-inch) SC Enterprise Hard Drive
			Hot-plug hard drive options	2.5" SATA, nearline SAS, SAS (15K, 10K), SASSSD, SATA SSD.
			Drive Bays	Minimum 8 SFF, HDD/SSD
			® Microsoft® Windows Server® 2012 /	Minimum of 3 PCI Slots
			RAID Controllers	12G SAS RAID controller supporting RAID 0,1,5 Server should support dual RAID controller card.
			Embedded NIC	Gigabit Ethernet 1Gb 2-Port
			10Gb Converged Ethernet	Dual Port 10GbE Base-T (RJ45)
			Power Supply	800W Redundant Power Supply or Higher

				Optional high-efficiency, hot-plug, redundant power supplies; hot-plug drive bays; TPM; dual internal SD support; redundant fans; optional bezel; luggage tag; ECC memory; optional interactive LCD screen; extended thermal support; ENERGY STAR® compliant; switch independent partitioning
			Availability	
			Chassis	Form factor: RACK
			Rack Support :	ReadyRails II sliding rails for tool-less mounting in 4-post racks with square or unthreaded round holes or tooled mounting in 4- post threaded hole racks, with support for optional tool-less cable management arm (for rackable chassis model only)
			Management	Remote Management:
				1. 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.
				2. Server should have dedicated 1Gbps remote management port.
				3. Server should support agentless management using the out-of-band remote management port.
				4. The server should support monitoring and recording changes in the server hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur.
				5. Application to access the server remotely using popular handheld devices based on Android or Apple OS should be available
				6. Remote console sharing upto 6 users simultaneously during pre-OS and OS runtime operation, Console replay - Console Replay captures and stores for replay the console video during a server's last major fault or boot sequence. Microsoft Terminal Services Integration, 128 bit SSL encryption and Secure Shell Version 2 support. Should provide support for AES and 3DES on browser. Should provide remote firmware update functionality. Should provide support for Java free graphical remote console.

				7. Should Support Managing Multiple Servers as Service Group Power Control , 2. Group Power Capping, 3. Group Firmware Update, 4. Group Configuration, 5. Group Virtual Media, Group License Activation. 1.
				© iDRAC7 with Lifecycle Controller © iDRAC7 Express (upgrade option) or iDRAC7 Enterprise (upgrade option) or above
				© 8GB or 16GB vFlash media (upgrade options)
				Systems Management:
				® IPMI 2.0 compliant © OpenManage™ Essentials and Management Console © OpenManage Power Center
				OpenManage
				© OpenManage Integration Suite fd
Item 4	15 KVA UPS & 20 KVA UPS	Input Parameter: Voltage		To be read as 3 phase instead of 415V, 3-phase, 4 wire
		Frequency		To be read as 45-55 Hz instead of 50 Hz
		Power Factor at rated load		To be read as 0.9 instead of 1.0 (Unity)
		Output Parameters: Voltage		To be read as 3 phase instead of 220/230/240 Vac 1 phase
		Frequency		To be read as 45-55 Hz instead of 50 Hz
		Operation for Redundancy /Hot stand by		To be read as Hot stand by To be read as Should be compatible with 1+1 configuration, instead of should be compatible with 3+1 configuration
		Battery Parameters: Makes		To be read as Rocket/Exide/Amaraja instead of Leoch/New Max/G.Yuasa
		Minimum VAH required		To be read as 24960 VAH one hour backup instead of 14040 VAH
		Batteries		Hot swappable
		Position		Rack tower convertible
		Environmental Parameters:		Add Networking management Pre installed Rack Size: 6 U
		Bypass Supply Voltage		To be read as 3 phase instead of 220/230/240VAC
		H Class Isolation Transformer required		Deleted total point
		Credential		To be read as ISO 9001 and 14001 Certified/BIS certificate/QMS Certificate instead of ISO 9001 and 14001 Certified
		Warranty		To be read as 2 years on both UPS and Batteries instead of 1 year on both UPS and Batteries

Further the last date for purchase and submission of tender documents is postponed to 06.05.2017 at 03.00 PM and the details are mentioned the web-site.


DIRECTOR
ACADEMIC & PLANNING
 31/5/17