ICMR - National Institute for Research In Reproductive and Child Health
Jahangir Merwanji Street, Parel, Mumbai - 400012
Department of Health Research, Ministry of Health & Family Welfare, Govt. of India
Phone: 022-2419 2134 / 2135 Email: stores@nirrh.res.in

Tender No. NIRRH/ST/27/2021-2022　　　　　　　　Date: March 16, 2022

Subject: **Corrigendum Tender for Server for Internet Applications**
Due Date: **21st March 2022.**

Sir / Madam,

The Institute is interested in the availing the services for **Server for Internet Applications** as per the specifications mentioned. Firms / Companies which can offer the server as per the specifications can send their bids / offers to this offers on or before the due end in sealed cover addressed to **The Director, ICMR – NIRRCH.**

The tender with reference number NIRRH/ST/27/2021-2022 dated 02nd March 2022 is hereby extended upto 21st March 2022.

While submitting your tender, the terms and conditions specified overleaf viz. 1 to 20 may please be carefully observed. Tenders are liable to be ignored if any of these conditions are not complied with.

Sd/-
DIRECTOR

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TECHNICAL SPECIFICATIONS
Server

Quantity: 1 nodes

Sr. no	Detailed specifications	Compliance (Yes/No)	Deviation if any
	Rack / Tower server		
1	**Chassis:** 2 Socket server		
2	**Processor:** 1 x Intel® Xeon® E-2388G 3.2GHz, 16M Cache, 8C/16T, Turbo (95W), 3200 MT/s or better		
3	**RAM:** 12 or more DIMM slots. **256 GB DIMMS** installed using 32GB UDIMM, 3200MT/s, ECC scalable up to 1000GB using Registered DIMM (RDIMM) operating at 2600 MHz (each CPU 64 GB or above)		
4	**HDD Support:** Up to 8 x 3.5" NLSAS/SAS/SSD/NVMe, 50TB OR more		
5	**HDD controller:** PCI/PCIe 3.0 based 12Gb/s SAS Raid Controller with RAID 0/1/1+0/5/10, Advanced Data Mirroring/10, Advanced Data Mirroring with 2GB battery backed write cache (on-board or on a PCI Express slot)		
6	**HDD installed:** 5 x 8000GB SAS3 (12Gb/s) 7200rpm 256MB cache hot swap (usable 26 TB or above on RAID 5)		
7	**PCI support:** minimum 5 PCIe and 2 PCIe 3.0 ports or more		
8	**LAN card:** 10/100/1000Gbps 2-port network adaptors		
9	**Power Supply:** Should support hot plug redundant power supplies with minimum 80% efficiency		
10	**USB ports:** Minimum 2 USB3.0 and 2 USB2.0 support		
11	**Cooling system:** Proper cooling arrangement for continuous work		
12	**System tuning for performance** 1. System should support feature for improved workload throughput for applications sensitive to frequency fluctuations. This feature should allow processor operations in turbo mode without the frequency fluctuations associated with running in turbo mode. 2. System should support workload Profiles for simple performance optimization.		
12	**Extra Peripheral: Internal / External USB DVD Writer 16X and 22 Inch HD LED monitor, USB Keyboard, Optical mouse**		
13	**Operating System**: Linux Enterprise commercial version with		

	minimum 5-year support			
14	Warranty: 5 years on-site maintenance on hardware by OEM, software support by OEM/Supplier reinstallation and configuration.			
15	System Assembled in Factory and OEM Direct sales and support office in India.			

	Overall Scope of Work		**Compliance (Yes/No)**	**Deviation if any**
1	Operating System	Enterprise Linux Installation and configuration as web server		
2	Server management tool	Server optimization tool installation		
3	Compiler and others	Compiler and others Intel or Open GNU Compilers (C, C++ and Fortran Compilers). Installation of open source compilers for Fortran 77, 90, C, C++, essential cluster computing software, cluster management software.		
4	Other Application	Installation of open source Molecular Dynamics packages such as webserver, LAMP, and firewall configuration		
5	Installation	Installation and Commissioning of the cluster. The vendor shall install and configure all required hardware and software suites, including but not limited to: racking & stacking.		
6	Testing	Job Scheduler installations and Cluster functionality tests needs to be performed by supplier.		
7	Application Installation	Installation of the Applications provided by the user at the time of installation.		
8	Training	Training on the server usage.		