



**NATIONAL CENTRE FOR DISEASE INFORMATICS AND RESEARCH**  
**INDIAN COUNCIL OF MEDICAL RESEARCH**

Department of Health Research, Ministry of Health and Family Welfare, Government of India  
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Kannamangala Post, Bengaluru-562 110 (India)

28-1-2019

**CORRIGENDUM**

Sub: Clarifications of technical aspects of tender towards purchase of Local Server at NCDIR, Bengaluru.

Ref: NCDIR Tender No: NCDIR/ICMR/Server/194/2018, dated 3-1-2019.

This is with reference to the tender towards purchase of Local Server at NCDIR. The following clarifications should be considered for the tender towards purchase of Local Server at NCDIR. The details are given below:

Sl. No	Page No	For	To be read
1	12	<b>Capacity:</b> 30 TB Usable Storage Capacity (in RAID 5 Configuration) using 6TB @ 7.2K RPM, 12 Gbps or higher NL SAS enterprise drives with minimum 20% of total number of hard drives failure tolerance (E.g.system should be tolerated from 20 drives failure in case the setup has 100 drives). The drives should also have hot swap capability with two global hot-spare drives of same capacity per LUN in every enclosure	<b>Capacity:</b> 30 TB Usable Storage Capacity (in RAID 6 Configuration) using 6TB @ 7.2K RPM, 12 Gbps or higher NL SAS enterprise drives with minimum 20% of total number of hard drives failure tolerance (E.g.system should be tolerated from 20 drives failure in case the setup has 100 drives). The drives should also have hot swap capability with two global hot-spare drives of same capacity per LUN in every enclosure
2	14	<b>Virtualization/OS Software License</b> The two servers in this tender documents should be configured the high – Availability & Failover mode. Both the server/hosts will run. VMs which will live migrate to the other server on failure of one serve/host. The proposed virtualization software system should support minimum 4 sockets/ 64 cores with management, fail-over, live virtual machine migration, Resources allocation. All necessary licences for the period of 5 years The Virtualization software should minimum 10 VMs. Academic licences to be provided.	<b>Virtualization and OS Software License</b> The two servers in this tender documents should be configured the high – Availability & Failover mode. Both the server/hosts will run VMs which will live migrate to the other server on failure of one server/host.  The proposed virtualization software system should support minimum 4 sockets/ 64 cores with management, fail-over, live virtual machine migration, Resources allocation. All necessary licences for the period of 5 years The Virtualization software should minimum 10 VMs. Academic licences to be provided.  Latest Windows Server license for 2 x minimum 16 core academic licenses to be provided.

*Handwritten signature:* Ramess  
28/1/19

Sl. No	Page No	For	To be read
3	15	<b>Compliance</b> RoHS, Energy Star 5.0, IPMI	<b>Compliance</b> RoHS, IPMI
4	7	<b>5. Period of Contract:</b> Under normal circumstances the contract shall be valid for a period of one-year from date of issue of purchase or work order. However, contract may be extended for further period up to two years on the same rates, terms and conditions if the service is found satisfactory.	<b>5. Period of Contract:</b> Under normal circumstances the contract shall be valid for a period of five years from date of issue of purchase or work order. However, contract may be extended for further period up to two years on the same rates, terms and conditions if the service is found satisfactory.
5	18	<b>10 Please also confirm that</b> spare parts shall be made available as and when required for a minimum period of 7 years from the date of successful completion of warranty period.	<b>10 Please also confirm that</b> spare parts shall be made available as and when required for a minimum period of 2 years from the date of successful completion of warranty period (5 years).
6	18	<b>11 Confirm unconditional acceptance</b> Confirm unconditional acceptance of comprehensive warranty (inclusive of absolutely free of charge delivery (all expenses paid) at our site and installation of replacement parts/spares and free of all expenses related to such service calls) for a period of clear 12 months or more from the date of satisfactory completion of onsite installation, commissioning and training at our location	<b>11 Confirm unconditional acceptance</b> Confirm unconditional acceptance of comprehensive warranty (inclusive of absolutely free of charge delivery (all expenses paid) at our site and installation of replacement parts/spares and free of all expenses related to such service calls) for a period of clear 60 months or more from the date of satisfactory completion of onsite installation, commissioning and training at our location

  
 Administrative Officer *28/1/19*  
 For Director

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