



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY  
MATERIALS MANAGEMENT DIVISION

Date : 05/01/2026

Corrigendum - II  
( PR No. 1000050994 / RFx No 6100002527 )

Technical Specification for Machine-Learning CPU/GPU Mixed Architecture Cluster

Item Nr 1. <i>Host/ Management Node: Qty – 2Nos (in HA)</i>	
Original Specs	Amended Specs
<b>Point No. 5 -Hard disk</b>	
<ul style="list-style-type: none"><li>Minimum 2 x 1.92TB NVMe ENT SATA SSD in RAID 1 (OS Boot- mirrored)</li></ul>	<ul style="list-style-type: none"><li>Minimum 2 x 1.92TB NVMe SSD in RAID 1 (OS Boot- mirrored)</li></ul>
<b>Point No. 8-Industry standard Compliance</b>	
<ul style="list-style-type: none"><li>Energy Star</li><li>"CE/UL/FCC/IEC/EN certifications for quoted server model or substantially equivalent"</li></ul>	<ul style="list-style-type: none"><li>This clause is removed</li><li>This clause is removed</li></ul>
<b>Point No. 10 -System Security</b>	
<ul style="list-style-type: none"><li>"Support for Commercial National Security Algorithms (CNSA)"</li><li>Configurable for PCI DSS compliance</li></ul>	<ul style="list-style-type: none"><li>This clause is removed</li><li>This clause is removed</li></ul>
<b>Point No. 14 -OEM</b>	
<ul style="list-style-type: none"><li>OEM of proposed Host Node must have minimum 10 entries as OEM in each list of India Top Supercomputer published from Jan 2022 to till the date of bid submission OR OEM of proposed Host Node must have minimum 10 entries as OEM in each list of worldwide TOP500 supercomputer published from Jan 2022 to till the date of bid submission.</li></ul>	<ul style="list-style-type: none"><li>OEM of proposed Host Node must have minimum 5 entries as OEM in each list of India Top Supercomputer published from Jan 2022 to till the date of bid submission</li></ul>

<b>Item Nr 2 Computing Nodes (Quantity 4) – High Memory (Large RAM)</b>	
<b>Point No. 5 -Hard disk</b>	
<ul style="list-style-type: none"> <li>• Minimum 2 x 1.92TB NVMe ENT SATA SSD in RAID 1 (OS Boot- mirrored)</li> </ul>	<ul style="list-style-type: none"> <li>• Minimum 2 x 1.92TB NVMe SSD in RAID 1 (OS Boot- mirrored)</li> </ul>
<b>Point No. 8-Industry standard Compliance</b>	
<ul style="list-style-type: none"> <li>• Energy Star</li> <li>• "CE/UL/FCC/IEC/EN certifications for quoted server model or substantially equivalent"</li> </ul>	<ul style="list-style-type: none"> <li>• This clause is removed</li> <li>• This clause is removed</li> </ul>
<b>Point No 10- System Security</b>	
<ul style="list-style-type: none"> <li>• "Support for Commercial National Security Algorithms (CNSA)"</li> <li>• Configurable for PCI DSS compliance</li> </ul>	<ul style="list-style-type: none"> <li>• This clause is removed</li> <li>• This clause is removed</li> </ul>
<b>Point No. 14- OEM</b>	
<ul style="list-style-type: none"> <li>• OEM of proposed Host Node must have minimum 10 entries as OEM in each list of India Top Supercomputer published from Jan 2022 to till the date of bid submission OR OEM of proposed Host Node must have minimum 10 entries as OEM in each list of worldwide TOP500 supercomputer published from Jan 2022 to till the date of bid submission.</li> </ul>	<ul style="list-style-type: none"> <li>• OEM of proposed Host Node must have minimum 5 entries as OEM in each list of India Top Supercomputer published from Jan 2022 to till the date of bid submission</li> </ul>
<b>Item Nr 3 H200NVL system or substantially equivalent - Qty. - 02 No.</b>	
<b>Point No. 21 -Cluster Management &amp; Scheduler</b>	
<ul style="list-style-type: none"> <li>• The Cluster Manager must support multiple of hardware vendors. The Cluster Manager must allow for the easy deployment and management of servers across multiple data centers, the public cloud, and edge locations as a single shared infrastructure through a single interface.</li> <li>• The Cluster Manager must provide the automatic repurposing</li> </ul>	<ul style="list-style-type: none"> <li>• This clause is removed</li> <li>• This clause is removed</li> </ul>

of nodes between multiple HPC workload managers and Kubernetes clusters.	
<b>Item No.4 Computing Nodes (Quantity 18) – Regular Nodes</b>	
<b>Point No. 5 -Hard disk</b>	
<ul style="list-style-type: none"> <li>Minimum 2 x 1.92TB NVMe ENT SATA SSD in RAID 1 (OS Boot- mirrored)</li> </ul>	<ul style="list-style-type: none"> <li>Minimum 2 x 1.92TB NVMe SSD in RAID 1 (OS Boot- mirrored)</li> </ul>
<b>Point No. 8 -Industry standard Compliance</b>	
<ul style="list-style-type: none"> <li>Energy Star</li> <li>"CE/UL/FCC/IEC/EN certifications for quoted server model or substantially equivalent"</li> </ul>	<ul style="list-style-type: none"> <li>This clause is removed</li> <li>This clause is removed</li> </ul>
<b>Point No. 10 -System Security</b>	
<ul style="list-style-type: none"> <li>"Support for Commercial National Security Algorithms (CNSA)"</li> <li>Configurable for PCI DSS compliance</li> </ul>	<ul style="list-style-type: none"> <li>This clause is removed</li> <li>This clause is removed</li> </ul>
<b>Point no 14 -OEM</b>	
<ul style="list-style-type: none"> <li>"OEM of proposed Host Node must have minimum 10 entries as OEM in each list of India Top Supercomputer published from Jan 2022 to till the date of bid submission OR OEM of proposed Host Node must have minimum 10 entries as OEM in each list of worldwide TOP500 supercomputer published from Jan 2022 to till the date of bid submission."</li> </ul>	<ul style="list-style-type: none"> <li>OEM of proposed Host Node must have minimum 5 entries as OEM in each list of India Top Supercomputer published from Jan 2022 to till the date of bid submission.</li> </ul>
<b>Item No. 5 Storage IO Nodes (Quantity 02 or higher as per solution demand)</b>	
<b>Point No. 5 -Hard disk</b>	
<ul style="list-style-type: none"> <li>Minimum 2 x 1.92TB NVMe ENT SATA SSD in RAID 1 (OS Boot- mirrored)</li> </ul>	<ul style="list-style-type: none"> <li>Minimum 2 x 1.92TB NVMe SSD in RAID 1 (OS Boot- mirrored)</li> </ul>
<b>Point no 9- Industry standard Compliance</b>	
<ul style="list-style-type: none"> <li>Energy Star</li> <li>"CE/UL/FCC/IEC/EN certifications for quoted server model or substantially equivalent"</li> </ul>	<ul style="list-style-type: none"> <li>This clause is removed</li> <li>This clause is removed</li> </ul>

<b>Point no 11 -System Security</b>	
<ul style="list-style-type: none"> <li>"Support for Commercial National Security Algorithms (CNSA)"</li> <li>Configurable for PCI DSS compliance</li> </ul>	<ul style="list-style-type: none"> <li>This clause is removed</li> <li>This clause is removed</li> </ul>
<b>Point no 15 -OEM</b>	
<ul style="list-style-type: none"> <li>OEM of proposed Host Node must have minimum 10 entries as OEM in each list of India Top Supercomputer published from Jan 2022 to till the date of bid submission OR OEM of proposed Host Node must have minimum 10 entries as OEM in each list of worldwide TOP500 supercomputer published from Jan 2022 to till the date of bid submission.</li> </ul>	<ul style="list-style-type: none"> <li>OEM of proposed Host Node must have minimum 5 entries as OEM in each list of India Top Supercomputer published from Jan 2022 to till the date of bid submission.</li> </ul>
<b>Item NO. 6-PFS Storage</b>	
<b>Point no 2</b>	
<ul style="list-style-type: none"> <li>"Sever OEM/Bidder supported OEM supported GPFS or Lustre, GlusterFS or equivalent PFS with following specification:-200 TB (usable in Hardware RAID 6 (8+2) configuration only) Parallel File System based storage. PFS should comprise of separate Metadata and Object storage servers (if required) with no single point of failure in HA to be configured.</li> </ul>	<ul style="list-style-type: none"> <li>Sever OEM/Bidder supported OEM supported GPFS or Lustre, GlusterFS or equivalent PFS with following specification:-500 TB (usable in Hardware RAID 6 (8+2) configuration or better ) Parallel File System based storage. PFS should comprise of separate Metadata and Object storage servers (if required) with no single point of failure in HA to be configured.</li> </ul>
<b>Item No 9:Supported Cluster Manager and Job Scheduler</b>	
<b>Cluster Management Software:</b>	
<ul style="list-style-type: none"> <li>"The licenses are required for entire existing computenodes as well as the new ones to be procured through this tender."</li> </ul>	<ul style="list-style-type: none"> <li>"The licenses are required for entire solution to be procured under this tender."</li> </ul>
<b>Technical Eligibility &amp; Experience</b>	
2.5 The OEM must have at least 10 entries in each bi-annual Top500.org list over the last 3 years.	<ul style="list-style-type: none"> <li>This clause is removed</li> </ul>

All other technical specification and the terms & conditions of tender shall remain unchanged.

  
 उप कुलसचिव (सा.प्र)  
 Dy. Registrar(MM)

  
 15/1/26