



**INDIAN INSTITUTE OF TECHNOLOGY BOMBAY**  
**MATERIALS MANAGEMENT DIVISION**  
**Powai, Mumbai 400076**

**RFx No. 610000499 (Reference No. 100016496)**

**Technical Specifications for Spare Parts and Upgradation for Existing LSM Microscope**

| Sr. No. | Details   | Qty |
|---------|---|-----|
| 1       | Upgr. ZEN 2.1 to ZEN 2.3 system HWL<br>Upgrade ZEN 2.1 system to ZEN 2.3 system Hardware License Key<br>Upgrade of an existing ZEN 2.1 system software to ZEN 2.3 system<br>Consisting of:<br>- ZEN 2.3 system basic license<br>- Modules as in current ZEN 2.1 system installation | 1   |
| 2       | Bundle RT-System Combi<br>Realtime control electronics combi for systems with external laser (UV/NLO) or combined with Elyra  | 1   |
| 3       | Workstation Premium ZEISS 60A R2 (hp Z6)  | 1   |
| 4       | System configuration 3b Windows 10 LTSB   | 1   |
| 5       | Processor Intel Xeon Gold 5222 (hp Z6)  | 1   |
| 6       | Graphics Card NVIDIA Quadro RTX4000 8GB   | 1   |
| 7       | Network adapter 2x10 GbE RJ45 (hp Z6)<br>Network Adapter 2x10 GbE RJ45 (hp Z6) (O)<br>Additional network adapter 2x10 GbE RJ45 (hp Z6)<br>e.g. for connection of storage systems  | 1   |
| 8       | Adapter USB-4x RS232 EX-1334V<br>Adapter USB - 4x RS232 EX-1334V (O)<br>with power supply via USB Bus.<br>Interfaces: 1x USB, 4x RS232<br>Inclusive USB connecting cable, 2m  | 1   |
| 9       | Language pack english US<br>Language Pack English US (O)<br>- Keyboard with English (US) layout   | 1   |
| 10      | Memory 32GB (1x32) DDR4-2933 (hp Z6)  | 1   |