

Mandatory terms / requirements on the technical specifications for the Desktop
Computers, Software / Licenses and accessories – RFQ 007 2026 SOCH

1. Processor

Intel-only. The preferred processor shall be **Intel Core Ultra 5 Series 2 or later business-class desktop processor**, or a higher Intel business desktop class.

Minimum six physical cores and integrated Intel graphics are mandatory. The exact processor model/SKU, generation, core count, cache, frequency and OEM datasheet must be quoted.

Intel 14th-generation and older processors are not preferred because they are older platforms. Any such proposal must include technical justification and OEM support confirmation.

2. RAM

Minimum 16 GB DDR5 RAM shall be installed as **one 16 GB module**.

The PC shall have at least two user-accessible RAM slots, with one slot remaining vacant for future expansion. The system must support at least 32 GB RAM and dual-channel operation after expansion.

The bidder must clearly mention the number of slots, installed configuration, RAM speed, maximum supported capacity and vacant-slot status.

3. SSD

Minimum 512 GB usable-capacity, OEM-installed, business-class M.2 NVMe SSD using PCIe Gen 4 x4 or higher.

The SSD shall use TLC NAND or equivalent higher-endurance technology, with minimum rated endurance of 300 TBW and coverage under the system warranty.

Exact SSD manufacturer, OEM part number, endurance rating, interface and datasheet are mandatorily to be mentioned.

SATA SSDs, HDDs, eMMC, QLC-only, refurbished, recertified, generic or unbranded SSDs shall not be accepted.

4. Windows Operating System

Windows 11 Pro 64-bit shall be an **OEM-licensed, factory-installed and factory-activated version**, delivered with the original PC.

The Windows licence shall be legally associated with the supplied PC and obtained through the PC OEM or an authorised Microsoft licensing channel.

The supplier must provide the Windows edition, OEM licence evidence, activation status and proof of genuine entitlement.

Retail, trial, evaluation, unauthorised volume, grey-market or illegally activated Windows licences shall not be accepted.

Windows activation shall be verified during delivery acceptance.

5. Microsoft Office

Microsoft 365/Office subscription licences are not preferred. The requirement is for a **genuine standalone perpetual Microsoft Office licence**.

OEM pre-installation and activation is preferred. If installed by the supplier, the supplier must be an authorised licensing provider and provide complete proof of legal entitlement.

The bidder must provide the exact Microsoft SKU, invoice, licence type, activation method, proof of purchase, licence ownership and support details.

The licence must be legally assigned to the User and must not depend on a supplier-owned, personal or shared account.

Trial licences, academic licences, grey-market keys, unauthorised KMS activators, cracked activations or unsupported “lifetime Office” keys shall not be accepted.

6. Antivirus

Basic antivirus-only editions shall not be accepted. The preferred solution is a **premium standalone antivirus/security suite**, installed separately on each PC without mandatory central management.

Example product: **Bitdefender Total Security, three-year subscription per PC**, or an equivalent premium commercial standalone security product.

Internet Security or Total Security-level products are preferred over basic Antivirus/Antivirus Plus editions.

The supplier must provide the exact product edition, licence certificate, invoice, activation details, subscription start and expiry dates, commercial-use entitlement and renewal pricing.

Trial licences, shared accounts, grey-market licences, expired licences and unauthorised activations shall not be accepted.

Common supplier requirement

For all hardware and software, the supplier must submit:

- Exact make, model and SKU
- Manufacturer datasheet

- Warranty details
- Licence certificate and invoice
- Activation details
- Product support information
- Confirmation that the product is new, genuine and legally sourced

No substitution should be allowed without written approval and evidence that the replacement is equal or better.