

NATO UNCLASSIFIED  
RELEASABLE FOR INTERNET TRANSMISSION

**INTEGRATED AIR AND MISSILE DEFENCE  
CENTRE OF EXCELLENCE**



**IFB FINCON 21-02**

**“Supply of computers and peripherals”**

**PART III**

**SPECIAL PROVISIONS & TECHNICAL SPECIFICATIONS  
(STATEMENT OF WORK)**

*December 2021*

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NATO UNCLASSIFIED  
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1.1 The current Statement of Work (SOW) covers the special provisions and technical specifications that shall be covered by the Contractor for the supply of computers and peripherals.

**2. General Specifications**

2.1 The brand of the requested computers and peripherals shall be "DELL Technologies".

2.2 All the equipment shall be new.

2.3 All the software included shall be original.

**3. Technical Specifications****3.1 Laptops**

3.1.1 Requested quantity: Sixteen (16) laptops (all of the same type - specifications).

3.1.2 The laptops shall cover the following minimum specifications:

3.1.2.1 Processors: 11th Generation Intel Core i7-1165G7, 15W, 4 cores - speed: 2.8 GHz, Cache: 12 MB;

3.1.2.2 Operating system: Windows 10 Pro (64-bit);

3.1.2.3 Memory: 8GB RAM, DDR4, speed: 2666 MHz (at least);

3.1.2.4 Storage: 512 GB Solid State Drive (SSD);

3.1.2.5 External ports and connectors:

3.1.2.5.1 Network: One Flip-down RJ 45 10/100/1000 Mbps;

3.1.2.5.2 USB: Two (2) USB 3.2 Gen 1 Type-A port, one (1) USB 2.0 Type-A port, one (1) USB 3.2 Gen 1 Type-C port (optional);

3.1.2.5.3 Audio: One (1) Universal Audio Jack;

3.1.2.5.4 Video: One (1) HDMI 1.4 port;

3.1.2.5.5 Power adapter port: 4.5 mm barrel-type;

3.1.2.5.6 Security: One (1) Wedge shaped lock slot;

3.1.2.5.7 Card slot: One (1) SD 3.0 card slot;

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3.1.2.6 Audio: Realtek, stereo conversion supported, high definition audio, universal audio jack, two (2) speakers;

3.1.2.7 Video: Intel UHD Graphics with shared graphics memory;

3.1.2.8 Camera: HD RGB camera (front), CMOS sensor technology, 0.92 megapixel, 720p @ 30 fps, 78.6 degrees diagonal viewing angle;

3.1.2.9 Touchpad: Yes;

3.1.2.10 WiFi: 802.11a;

3.1.2.11 Power adapter: Yes;

3.1.2.12 Battery: 42 WHr;

3.1.2.13 Keyboard: United States (US) or United Kingdom (UK);

3.1.2.14 Weight: Up to 1.99 kgr (max);

3.1.2.15 Display - screen: 15,6 inches display, Full HD, 1920 x 1080 native resolution, refresh rate: 60 Hz;

### 3.2 Desktops

3.2.1 Requested quantity: Three (3) desktops (all of the same type - specifications).

3.2.2 The desktops shall cover the following minimum specifications:

3.2.2.1 Processors: 10th Generation Intel Core i3-10100, 65W, 4 cores - speed: 3,6 GHz, Cache: 6 MB;

3.2.2.2 Operating system: Windows 11 Pro (64-bit);

3.2.2.3 Memory: 8GB RAM, DDR4, speed: 2666 MHz (at least);

3.2.2.4 Storage: 256 GB Solid State Drive (SSD);

3.2.2.5 Ports and connectors:

3.2.2.5.1 Network: 1x RJ 45 10/100/1000 Mbps;

3.2.2.5.2 USB: Two (2) USB 3.2 Gen 1 Type-A ports, two (2) USB 2.0 Gen 1 ports;

3.2.2.5.3 Audio: One (1) Universal Audio Jack;

3.2.2.5.4 Video: One (1) HDMI 1.4 port, one (1) VGA port;

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3.2.2.5.5 Security: 1 x Padlock hoop, 1 x Kensington security-cable slot;

3.2.2.5.6 Memory card reader: SD 3.0 card reader (optional);

3.2.2.6 Audio: Stereo High Definition Audio Code;

3.2.2.7 Video: Intel UHD Graphics 630 with shared graphics memory.

### 3.3 Keyboards

3.3.1 Requested quantity: Twenty (20) keyboards (all of the same type - specifications).

3.3.2 The keyboards shall cover the following minimum specifications:

3.3.2.1 Connectivity: Wired;

3.3.2.2 Hot keys (quantity - function): Yes (7 - for multimedia);

3.3.2.3 Interface: USB;

3.3.2.4 Colour: Black;

3.3.2.5 Language: English [United States (US) or United Kingdom (UK)].

### 3.4 Mouse devices:

3.4.1 Requested quantity: Twenty (20) mouse devices (all of the same type - specifications).

3.4.2 The mouse devices shall cover the following minimum specifications:

3.4.2.1 Connectivity: Wired - USB 2.0;

3.4.2.2 Movement Detection Technology: Laser;

3.4.2.3 Buttons (quantity - feature): 5 - mechanical scroll/tilt wheel;

3.4.2.4 Dimensions (minimum): 2.5 in x 4.5 in x 1.5 in;

3.4.2.5 Colour: Black;

3.4.2.6 Language: English [United States (US) or United Kingdom (UK)].

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**4. Guarantee**

4.1 The laptops and the desktops shall have at least a 24-months guarantee from the date of the purchase, for operating conditions and use based on the official instructions of the manufacturer.

4.2 The keyboards and the mouse devices shall have at least a 12-months guarantee from the date of the purchase, for operating conditions and use based on the official instructions of the manufacturer.

**5. Shipping costs**

5.1 The bidder's offer - price proposal shall include dispatching cost to the Centre's facilities, but neither the PCs installation costs for configuration/control nor system training services.

**6. Contractor's Standards**

6.1 The Contractor shall establish, document and implement a Quality Management System with procedures that satisfy the ISO 9001 requirements.