

ANNEX-B

TECHNICAL SPECIFICATIONS

DETAILED SPECIFICATION OF THE REQUIRED SPORTS ITEMS

Sr. No	ITEMS	SPECIFICATIONS	QTY
1	Desktop computer Sets	<p>Operating system: Windows 10 Pro (available through downgrade rights from Windows 11 Pro)[1,2]</p> <p>Processor: Intel® Core™ i7-12700T (up to 4.7 GHz with Intel® Turbo Boost Technology, 25 MB L3 cache, 12 cores, 20 threads)[6,7]</p> <p>Processor technology: Intel® Core™ i7 with vPro® Technology</p> <p>Chipset: Intel® Q670 (vPro®)</p> <p>Graphics: Integrated: Intel® UHD Graphics 770</p> <p>Memory: 16 GB DDR5-4800 MHz RAM (2 x 8 GB)</p> <p>Memory slots: 2 SODIMM</p> <p>Wireless technology: Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (supporting gigabit data rate)</p> <p>Power supply: 90 W external power adapter, up to 89% efficiency, active PFC</p> <p>External I/O Ports: Front:1 headset connector; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate (charging); 1 SuperSpeed USB Type-C® 20Gbps signaling rate Rear:1 power connector; 1 RJ-45; 3 SuperSpeed USB Type-A 10Gbps signaling rate; 2 DisplayPort™ 1.4; 1 HDMI 2.1</p> <p>Expansion slots: 1 M.2 2230; 2 M.2 2280 M.2 slot for WLAN and 2 M.2 2280 slots for storage.</p> <p>Energy efficiency: EPEAT® registered ENERGY STAR® certified</p> <p>Audio: Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support</p> <p>Form factor: Mini</p> <p>Pointing device: HP 125 Wired Mouse</p> <p>Keyboard: HP Wired Desktop 320K Keyboard</p> <p>Dimensions (W X D X H): 6.97 x 6.89 x 1.34 in</p> <p>Weight: 3.13 lb</p> <p>Warranty: 1 year (1/1/1) limited warranty includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.</p> <p>Support Service Included: HP 3 Year Onsite Desktop Hardware Support</p> <p>Software included: HP Notifications; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP Connection Optimizer; HP Privacy Settings; HP PC Hardware Diagnostics Windows; HP Desktop Support Utilities; MyHP; HP QuickDrop; HP Easy Clean; Touchpoint Customizer for Commercial; HP Easy Clean Keyboard Driver; HSA Fusion for Commercial; HSA Telemetry for Commercial</p> <p>Security management: Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified); HP Secure Erase; HP Sure Click; HP Sure Sense; Absolute Persistence module; HP Sure Admin; HP BIOSphere Gen6; HP Client Security Manager Gen7; HP Tamper Lock; HP Sure Start Gen7; HP Sure Run Gen5; HP Sure Recover Gen5</p> <p>Security software license: HP Wolf Pro Security Edition (1 year)[56]</p> <p>HP U28 4K HDR MONITOR</p> <p>Display type: IPS</p> <p>Display features: On-screen controls; Low blue light mode; Anti-glare</p> <p>Onscreen controls: Exit; Information; Management; Input control;</p>	80 NO

		<p>Menu control; Brightness+; Image; Color Native resolution: 4K UHD (3840 x 2160)[1] Resolutions supported: 1024 x 768; 1280 x 1024; 1440 x 900; 1600 x 900; 1920 x 1080; 1920 x 1200; 2560 x 1440; 3840 x 2160; 640 x 480; 720 x 400; 800 x 600 Contrast ratio: 1000:1 Brightness: 400 nits Pixel pitch: 0.116 mm Signal input connectors: 1 HDMI 2.0; 2 USB Type-C™ (DisplayPort™ 1.2, power delivery up to 65 W); 1 DisplayPort™ 1.2; 3 USB-A 3.1 Gen 1 Webcam: No integrated camera VESA Mounting: 100 mm x 100 mm Power supply: 100 - 240 VAC 50/60 Hz Dimensions (W X D X H): 25.08 x 1.7 x 14.61 in Without stand. Weight: 14 lb Pointing device: Wired Mouse Keyboard: Wired Desktop Keyboard</p>	
2	Headphones	<p>Stereo USB headset: SPECIFICATIONS Style: On-the-Head Speaker: 40 mm Frequency Range: 20 Hz-20 KHz Impedance: 32 Ohm RMS: 50 mW Sensitivity: 102 dB MIC Sensitivity: -45 dB Cable Length: 2 m Plug: USB Controller: Volume knob on the headset</p>	20 NO
3	External Speaker sets for computer lab	<p>STEREO SPEAKERS: compact, USB-powered speakers with integrated power and volume controls. Total watts (RMS): 1.2 W Hardwired USB connection (for power): 1 Hardwired 3.5 mm connection (for audio): 1 Controls: Power and volume controls on right speaker</p>	60 NO
4	UPS	<p>UPS – 2000VA Uninterruptible Power Supply with Surge Protection. Line Interactive Simulated Sinewave Wide Input Voltage: 145-275V 50Hz Output: 220V +/- 10% 50Hz plug standard: IEC 60320 C14 nb of power socket outlets: 6 universal receptacles battery type: Lead-acid battery</p>	30 NO