

## REQUEST FOR QUOTATION (RFQ)

<b>NAME &amp; ADDRESS OF FIRM:</b> <b>Computer and multimedia equipment          producers and/or authorized resellers</b>	<b>DATE: April 27, 2021</b>
	<b>REFERENCE: ELBA2021</b>

Dear Sir / Madam:

You are kindly requested to submit your quotation for the following items before May 10, 2021, 12.00 a.m. Tashkent local time (UTC +05:00). The aim of this RFQ is to supply of IT equipment for 4 Universities of Uzbekistan in the framework of the ERASMUS+ Project: 610170-EPP-1-2019-1-ES-EPPKA2-CBHE-JP, "ELBA: Establishment of training and research centers and Courses development on Intelligent Big Data Analysis in CA". All equipment is aimed for educational purposes; therefore, we are kindly asking to consider quotation under your university discount program.

### LIST OF EQUIPMENT AND SPECIFICATIONS:

#### I. Turin Polytechnic University in Tashkent

NO.	SPECIFICATION	Q-TY
1	<b>HP Z4 G4 Workstation</b> Intel Xeon W-2223 3.6GHz 2666MHz 4C 120W CPU 32GB (4x8GB) DDR4 2933 DIMM ECC Registered WW Memory NVIDIA Quadro RTX 4000 8GB 3DP+USBc GFX Intel Optane 905P DualPro 380GB PCIe SSD 2TB 7200RPM SATA 3.5in Enterprise Base FIO 4xUSB3 TypeA USB Business Slim Wired Keyboard RUSS HP Optical Wired Mouse USB Intel Ethernet I210-T1 PCIe x1 Gb NIC Licensed Windows 10 Pro 3/3/3 (material/labor/onsite) Warranty UPS 2000VA (1200W)	1
2	34" HP P34hc G4 WQHD USB-C Curved Monitor	1
3	<b>HP EliteDesk 800 G6 Tower</b> Intel Core i7 10700 2.9GHz 8C 65W CPU 32GB (2x16GB) DDR4 2933 DIMM Memory 256GB M.2 2280 PCIe NVMe TLC Solid State Drive 1TB 7200RPM SATA-6G 3.5in NVIDIA GeForce RTX2060 Super 8GB FH PCIe x16 DP HDMI DVI-D GFX HP USB 320K Keyboard RUSS HP Optical Wired Mouse USB Intel Wi-Fi 6 AX201 ax 2x2 vPro +Bluetooth 5.1 WW 3/3/3 (material/labor/onsite) TWR Warranty Licensed Windows 10 Pro HP P244 FHD Monitor UPS 600VA	10
4	<b>Macbook Pro 13</b> 2.0GHz quad-core 10th-generation Intel Core i5 processor / Turbo Boost up to 3.8GHz / Intel Iris Plus Graphics / 16GB 3733MHz LPDDR4X memory / 512GB SSD storage <sup>1</sup> / 13-inch Retina display with True Tone / Magic Keyboard / Touch Bar and Touch ID / Four Thunderbolt 3 ports / Multiport USB Type C HUB (USB C Adapter with 4K HDMI, Thunderbolt 3, 3 USB 3.0, USB-C Port, SD / TF Card Reader / Ethernet) / 2xUSB Type C cable 2m/ 1 year global warranty	1
5	<b>Macbook Air Retina display with True Tone</b> 1.1GHz quad-core 10th-generation Intel Core i5 processor / Turbo Boost up to 3.5GHz / Intel Iris Plus Graphics / 8GB 3733MHz LPDDR4X memory / 256GB SSD storage / Magic Keyboard / Touch ID / Force Touch trackpad / Two Thunderbolt 3 ports/ 1 year global warranty	1



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<b>6</b>	<b>HP Pavilion x360 m Convertible</b> Intel® Core™ i5-1135G7 (up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) 8 GB DDR4-3200 SDRAM 256 GB PCIe® NVMe™ M.2 SSD 14" diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 250 nits Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo 1 multi-format SD media card reader 720p HD camera Licensed Windows 10	<b>1</b>
<b>7</b>	Advanced smart managed 24-port Gigabit switch. 24x 10/100/1000 ports 2 SFP ports	<b>1</b>
<b>8</b>	One by Wacom Medium CTL-672	<b>8</b>
<b>9</b>	Epson EB-E05	<b>1</b>
<b>10</b>	2.6x3m/ 8.5x10ft Background Support System with 1.8x2.8M/ 6x9ft Continuous Lighting Kit	<b>1</b>
<b>11</b>	<b>Camcorder Panasonic HC-V800K Full HD</b> Battery for Panasonic 3.6V SanDisk 64GB Extreme PRO SDXC Memory Card Bag for Camera Camera Cleaning Kit LensGO Card Case 62mm UV Slim Filter V-bracket with triple shoe Camera LED Light Condenser microphone Big Tripod USB 3.0 HDMI Capture Card 1080p@30FPS Wireless lavalier microphone system for camcorder	<b>1</b>

## II. Tashkent State Transport University

NO.	SPECIFICATION	Q-TY
<b>1</b>	<b>HP Z4 G4 Workstation</b> Intel Xeon W-2223 3.6GHz 2666MHz 4C 120W CPU 32GB (4x8GB) DDR4 2933 DIMM ECC Registered WW Memory NVIDIA Quadro RTX 4000 8GB 3DP+USBc GFX Intel Optane 905P DualPro 380GB PCIe SSD 2TB 7200RPM SATA 3.5in Enterprise Base FIO 4xUSB3 TypeA USB Business Slim Wired Keyboard RUSS HP Optical Wired Mouse USB Intel Ethernet I210-T1 PCIe x1 Gb NIC Licensed Windows 10 Pro 3/3/3 (material/labor/onsite) Warranty UPS 2000VA (1200W)	<b>1</b>
<b>2</b>	34" HP P34hc G4 WQHD USB-C Curved Monitor	<b>1</b>
<b>3</b>	<b>HP EliteDesk 800 G6 Tower</b> Intel Core i7 10700 2.9GHz 8C 65W CPU 32GB (2x16GB) DDR4 2933 DIMM Memory 256GB M.2 2280 PCIe NVMe TLC Solid State Drive 1TB 7200RPM SATA-6G 3.5in NVIDIA GeForce RTX2060 Super 8GB FH PCIe x16 DP HDMI DVI-D GFX HP USB 320K Keyboard RUSS HP Optical Wired Mouse USB Intel Wi-Fi 6 AX201 ax 2x2 vPro +Bluetooth 5.1 WW 3/3/3 (material/labor/onsite) TWR Warranty Licensed Windows 10 Pro HP P244 FHD Monitor UPS 600VA	<b>10</b>



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<b>4</b>	<b>HP ProBook 450 G8 Notebook PC</b> Intel® Core™ i7-1165G7 (2.8 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores) 39.6 cm (15.6") diagonal FHD UWVA eDP anti-glare, narrow bezel bent, 250 nits, 45% NTSC for HD camera (1920 x 1080) 512 GB PCIe® NVMe™ M.2 Value Solid State Drive 16 GB DDR4-3200 SDRAM Intel® Dual Band Wi-Fi® 6 AX201 802.11a/b/g/n/ac/ax (2x2) WLAN and Bluetooth® 5 Combo, non-vPro Realtek 10/100/1000 GbE NIC 720p HD Camera HP Fingerprint Sensor Windows 10 Pro	<b>1</b>
<b>5</b>	<b>Macbook Air Retina display with True Tone</b> 1.1GHz quad-core 10th-generation Intel Core i5 processor / Turbo Boost up to 3.5GHz / Intel Iris Plus Graphics / 8GB 3733MHz LPDDR4X memory / 256GB SSD storage / Magic Keyboard / Touch ID / Force Touch trackpad / Two Thunderbolt 3 ports/ 1 year global warranty	<b>1</b>
<b>6</b>	All in one color printer <b>Canon i-SENSYS MF641Cw</b>	<b>1</b>
<b>7</b>	Advanced smart managed 24-port Gigabit switch. 24x 10/100/1000 ports 2 SFP ports	<b>1</b>
<b>8</b>	LED Interactive screen 55", UltraHD, Interactive software	<b>1</b>
<b>9</b>	Epson EB-E05	<b>1</b>
<b>10</b>	2.6x3m/ 8.5x10ft Background Support System with 1.8x2.8M/ 6x9ft Continuous Lighting Kit	<b>1</b>
<b>11</b>	<b>Camcorder Panasonic HC-V800K Full HD</b> Battery for Panasonic 3.6V SanDisk 64GB Extreme PRO SDXC Memory Card Bag for Camera Camera Cleaning Kit LensGO Card Case 62mm UV Slim Filter V-bracket with triple shoe Camera LED Light Condenser microphone Big Tripod USB 3.0 HDMI Capture Card 1080p@30FPS Wireless lavalier microphone system for camcorder	<b>1</b>

### III. Urgench State University

NO.	SPECIFICATION	Q-TY
<b>1</b>	<b>HP Z4 G4 Workstation</b> Intel Xeon W-2223 3.6GHz 2666MHz 4C 120W CPU 8GB (1x8GB) DDR4 2933 DIMM ECC Registered WW Memory NVIDIA Quadro RTX 4000 8GB 3DP+USBc GFX Intel Optane 905P DualPro 380GB PCIe SSD 2TB 7200RPM SATA 3.5in Enterprise Base FIO 4xUSB3 TypeA USB Business Slim Wired Keyboard RUSS HP Optical Wired Mouse USB Intel Ethernet I210-T1 PCIe x1 Gb NIC Licensed Windows 10 Pro 3/3/3 (material/labor/onsite) Warranty	<b>2</b>
<b>2</b>	Ext HDD 4TB, USB 3.0	<b>2</b>



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<b>3</b>	<b>HP EliteOne 800 G6 27" All-in-One Touch</b> Intel® Core™ i5 10500 processor with Intel® UHD Graphics 630 (3.1 GHz, 12 MB cache, 6 cores) 65W Supports Intel® vPro™ Technology 8GB (1x8GB) DDR4 2666 SODIMM Memory 1TB M.2 2280 PCIe NVMe Three Layer Cell SSD NVIDIA® GeForce® RTX 2070 Super 8GB FH 3DP HDMI Graphics Card 27.0" diagonal IPS widescreen WLED backlit LCD (2560 x 1440) Touch HP USB 320K Keyboard RUSS HP Wired 320M Mouse Intel Wi-Fi 6 AX201 ax 2x2 vPro +Bluetooth 5.1 WW 3/3/3 (material/labor/onsite) AiO Warranty Warranty EURO Licensed Windows 10 Pro	<b>3</b>
<b>4</b>	<b>Macbook-Pro 16</b> 2.3GHz 8-core 9th-generation Intel Core i9 processor, Turbo Boost up to 4.8GHz, 16GB 2666MHz DDR4 memory, 1TB SSD storage; ---- Welden Slim Sleeve for 16" MacBook Pro case protection/ 1 year global warranty	<b>1</b>
<b>5</b>	<b>HP ProBook 440 G8 Notebook PC</b> Intel® Core™ i5-1135G7 (2.4 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) 35.56 cm (14") diagonal FHD UWVA eDP anti-glare, narrow bezel bent, 250 nits, 45% NTSC for HD camera (1920 x 1080) 256 GB PCIe® NVMe™ M.2 Value Solid State Drive 8 GB DDR4-3200 SDRAM Intel® Dual Band Wi-Fi® 6 AX201 802.11a/b/g/n/ac/ax (2x2) WLAN and Bluetooth® 5 Combo, non-vPro 720p HD Camera Licensed Windows 10 Pro	<b>6</b>
<b>6</b>	Apple USB-C VGA Multiport Adapter	<b>2</b>
<b>7</b>	HP LaserJet Pro MFP M227fdw	<b>2</b>
<b>8</b>	Projector BenQ MW535A 1080p	<b>1</b>
<b>9</b>	96 x 40 Inches Universal Dry Erase Classroom Wall Mount Magnetic Whiteboard with Aluminum Frame and Tray	<b>1</b>

#### IV. Bukhara Engineering Technology Institute

NO.	SPECIFICATION	Q-TY
<b>1</b>	<b>DELL® PowerEdge R440 Server</b> 2* Intel Xeon Silver 4210 2.2G, 10C/20T, 9.6GT/s, 13.75M Cache, Turbo, HT (85W) DDR4-2400 64GB (4* 16GB) RDIMM, 3200MT/s, Dual Rank iDRAC9, Enterprise 4* 1.2TB 10K RPM SAS 12Gbps 512n 2.5in Hot-plug Hard Drive PERC H330 RAID Controller, Adapter, Low Profile DVD +/-RW, SATA, Internal Dual, Hot Plug, Redundant Power Supply (1+1), 550W 2* C13 to C14, PDU Style, 10 AMP, 6.5 Feet (2m), Power Cord Broadcom 5720 Dual Port 1 GbE Network LOM Mezz Card Dual-Port 1GbE On-Board LOM ReadyRails Sliding Rails Without Cable Management Arm ProSupport and Next Business Day Onsite Service Extension, 36 Month(s)	<b>2</b>
<b>2</b>	UPS 1KVA (+12 additional 7AH, 12V Batteries)	<b>1</b>
<b>3</b>	<b>HP ZBook Fury 15 G7 Mobile Workstation</b> 10th Generation Intel® Core™ i7 10750H with Intel® UHD Graphics (2.6 GHz base frequency, up to 5.0 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores) NVIDIA Quadro T1000 4GB Graphics Integrated HD 720p DualAryMic Webcam 15.6 inch FHD (1920x1080) Anti-Glare LED UWVA 250 for HD Webcam 16GB (2x8GB) DDR4 2666 512GB PCIe NVMe Three Layer Cell Solid State Drive 1TB 7200RPM SATA Intel Wi-Fi 6 AX201 ax 2x2 MU-MIMO nvP +Bluetooth 5 WW with 2 Antennas 3/3/0 Warranty	<b>5</b>



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4	Fiber-optic circuit toolkit	1
5	Ubiquiti UniFi Switch 8-150W Switch	1
6	Ubiquiti UniFi AP-AC-PRO access point	2

**CONDITIONS:**

1. Quotation must be in English language.
2. The prices must be quoted in Euro.
3. Price shall be quoted with no VAT included.
4. All servers, computers, workstations, notebooks and printing equipment must be produced by the worldwide known manufacturer(s) included into annual reports of Gartner/ IDC.
5. All computers, workstations, notebooks and printing equipment must have authorized service center with official branches in all regional centers of Uzbekistan.
6. All personal computers, workstations, notebooks must be supplied with licensed Windows 10 Pro operating system.
7. The financial offer shall include all export charges in the country(ies) of departure and accompanying costs: customs declarations, transportation to Beneficiaries, transportation within Uzbekistan, warehouse storage (until customs cleared), processing, permission documentation and certification.
8. The Supplier must provide the Beneficiary(ies) with full support in preparing documents which is required to guarantee successful preferential customs clearance and hold negotiations with the involved Ministries.
9. After customs cleaning all the equipment must be delivered to the Beneficiaries' address indicated below, installed and put into operation.
10. The Hardware shall be new, unused and complete. CONNECTION CABLES: all hardware shall be supplied with all necessary cables such as power, interface, etc. PERIPHERAL EQUIPMENT: peripheral equipment shall be provided with appropriate software and drivers to operate with the standard software.
11. Warranty period for active equipment must be at least 1 year if other is not stipulated separately in the Technical requirements.
12. Delivery addresses:

**Turin Polytechnic University in Tashkent**

17, Kichik Khalka Yuli street  
Tashkent 100095  
Uzbekistan

**Tashkent State Transport University**

1, Temiryulchilar street  
Tashkent  
Uzbekistan

**Urgench State University**

14, Hamid Alimjan street  
Urgench 220100  
Uzbekistan

**Bukhara Engineering Technology Institute**

15, Kayum Murtazaev  
Bukhara 200117  
Uzbekistan

**OTHER CONDITIONS**

Delivery Time	60 (sixty) working days after payment installment.
Validity of Quotation	30 DAYS.
Mode of Transport	AIR , SURFACE, OTHERS.

**Your commercial offers shall be delivered to following addresses:**

Attention: The ELBA Project Management Team

ERASMUS+ ELBA Project

Address: 17, Kichik Khalka Yuli street, Tashkent 100095, Uzbekistan

Email: elba.project@polito.uz