



CONFIRMATION LETTER

Tirana, 21/07/2016

Herewith, Marin Barleti University, confirms that the following equipment to be purchased in the framework of the Erasmus + project with the title "Strategic Support on Strengthening the Quality Assurance Structures at the Private Higher Education Institutions in Albania", project no. 561510-EPP-1-2015-1-AT-EPPKA2-CBHE-JP, funded by the Erasmus + Programme of the European Union.

No	Description of the item	Quantity
1	Computer (Unit = lump sum; Quantity = 30 * 350 EUR), Processor: Intel Core i3-4160 (3.60GHz, 3MB) Ram Memory: 4GB DDR3 1600 MHz, Chipset: Intel H81, Hard Disk: 500GB 7200 RPM 3.5" Sata, Graphic Card: On Board, Optical Drive: 16x DVD +/-RW Drive LED Monitor: (Unit = lump sum; Quantity = 30 * 115 EUR), Monitor 18.5" LED Backlit V193 same brand, 1 year warranty	30
2	Computer for design (Unit = lump sum; Quantity = 10 * 600 EUR), Processor: Intel Core i7-6500 (up to 3.60GHz, 6 MB cache) Ram Memory: 4GB DDR4 2133 SDRAM, Hard Disk: 500GB 7200 RPM 3.5" Sata, Graphic Card: On Board, Intel HD Graphics 530 Optical Drive: 16x DVD +/-RW Drive	10



	LED Monitor: (Unit = lump sum; Quantity = 10 * 160 EUR), Monitor 23" Widescreen LED Backlit IPS, FHD 1920 x 1080p, 1 year warranty	
3	Laptop (Unit = lump sum; Quantity = 10 * 385 EUR), Processor: Intel Core i5 (5 th Gen)-5200U (2.2 GHz), Display: 15.6" 16:9, 1366 x 768 pixel, glossy LED Camera : Webcam SD Memory: 4 GB DDR3 single channel, Hard Drive: 500GB SATA 5400rpm, Optical Drive: PLDS DVD +/- RW Drive, Battery: Primary 6-cel 48W/HR, Graphics : Intel HD Graphics 5500 Networking: RealTek Semiconductor RTL8101/2/3 Family Fast Ethernet NIC (10/100MBit), Realtek RTL8723BE Wireless LAN 802.11n PCI-E NIC (b/g/n), Bluetooth 4.0, 1 year warranty	10
4	Multifunctional Colour Copy Machine (Quantity = 2 * 2418 EUR) Model: copier/printer/scanner Print speed: 25 ppm letter, Scan speed: 55 ppm letter, Scan resolution: 600x600 dpi, Monthly duty Cycle: 75000 pages per month, Memory: 2 GB, Hard Disk: 160 GB, Input Capacity: 520 pg. min., Output Capacity: 250 pg. min., 1 year warranty Toner: Black Toner (Quantity = 6 * 86 EUR), Color Toner (Quantity = 9 * 120 EUR): Cyan (3 unit) + Magenta (3 unit) + Yellow (3 unit)	2
5	Video conferencing system (Cost ≈ 16000 EUR) ▪ Conference System Solution: (Quantity = 1) Camera (260-degree pan, 130-degree tilt, 10X lossless zoom, 90-degree Field of View, Full HD 1080p 30fps with onboard	

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UVC 1.5 and H.264 SVC, ZEISS® Optics with autofocus, Standard tripod thread, Smooth motorized pan, tilt and zoom, controlled from remote or console);
Speakerphone (LEDs for speakerphone streaming, mute, hold, and Bluetooth pairing, Microphones (Tx) with two omni-directional microphones supporting 20-foot diameter range, Frequency response: 100Hz – 7.75KHz, Sensitivity: -28dB +/-3dB, Distortion: <1% @ 1KHz at 65dB, Speakers (Rx) with Frequency response: 120Hz – 10KHz, Sensitivity: 83dBSPL +/-3dB at 1W/1M, Distortion: <5% from 200Hz);
Remote Control (Dockable remote control for all available functions, 10-foot range remote control);
Hub/Cables (Central mountable hub for connection of all components, Two 16-foot cables for connection between hub and camera/speakerphone, One 10-foot USB cable for connection to PC/Mac, AC Power adapter).

▪ **Smart Board:** (Quantity = 1)

77 inch both Finger-touch and Electronic Pen compatible (5 selectable colors), Multi-touch operation, Simultaneous operation of up to three points, Audio Output: 2 W + 2 W (Max. 4 W + 4 W), Aspect Ratio: Regular (4:3), MAC compatible, USB Hub: min. 2 x USB 2.0 A type, Accessories: Power cord (10ft), Electronic pen, Battery (LR03 AAA Alkaline), Software DVD-ROM, replacement Pen Point, Wall Mounting Kit.

▪ **Video Projector:** (Quantity = 1)

Projection system: DLP; Resolution: Native SVGA (800 x 600), Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200); Aspect Ratio: 4:3 (Native), 16:9; Contrast ratio: 20,000:1; Brightness: 3,200 ANSI Lumens (Standard) 2,560 ANSI Lumens (ECO); Lamp Life: 4,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco); Input interface: Analog RGB/Component Video, Composite Video, S-Video, HDMI/MHL, PC Audio; Max. Power: 253 W.



<ul style="list-style-type: none"> ▪ Projector Screen: (Quantity = 1) Aspect: 16:9; Size (diameter): 77"; Viewing Area: 1704 x 958 mm; Length: 1838 mm; Height: 1806 mm; Gain: 1.0; Viewing Angle: 160. ▪ Tablets for meetings: (Quantity = 10) Display: 8.9 inch IPS LCD; CPU: 64-bit @ 2.3GHz; RAM Capacity: 2 GB; Memory: 16 GB; Resolution: 1536 x 2048; Touch screen: Multi-touch; Camera: 8MP rear, 1.6 MP front. ▪ iPAD for conferences: (Quantity = 2) Display: Retina 9.7 inch IPS LCD; CPU: A8X Chip 64-bit, M8 motion coprocessor; Network: Wi-Fi +4G; RAM Capacity: 2 GB; Memory: 64 GB; Resolution: 2048 x 1536; Touch screen: Multi-touch; Camera: 8 MP iSight rear, 1.2 MP front, 720p HD video recording. ▪ TV: (Quantity = 1) Display: LED 50"; Resolution: 4K Ultra HD (3840 x 2160); Frequency: 400 Hz; Audio: 20W; Smart TV: Wi-Fi, Ethernet LAN, DLNA, SkypeTV; Receiver: DVB-T2 / C / S2; Max. Consume Power: 60 W ▪ DVD Player: (Quantity = 1) DVD Video and Audio CD Playback, VCD and Super VCD Playback, DVD+R / RW / R DL Playback, JPEG Playback, MP3 Playback, AAC/WMA/LPCM/MPEG1/MPEG4 Playback, CD and DVD Disc Text, DTS Digital Audio Output, Colour System: PAL/NTSC. ▪ Photocamera: (Quantity = 1) Digital SLR Camera with 18-55VR ii lens; Image Sensor: 23.5 x 15.6 mm CMOS sensor; Sensor Format: APS-C; Effective pixels: 24.1 Megapixel.; Aspect Ratio: 3:2; Focal Length Multiplier: 1.5x; Image Resolution: max. 6000x4000 (24 MP, 3:2), Movie Resolution: max. 1920x1080 (60i/50i/30p/25p /24p); Lens with Zoom Ratio 3x and Aperture Range f/3.5 - 	
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22 (W), f/5.6 - 38 (T); Autofocus; ISO: 100 to 6400 (native); Storage: SD/SDHC/SDXC.

▪ **Audio System:**

Conference Microphones (Quantity 4):

Heavy duty professional tabletop microphone set with excellent shock absorbing properties; Audio Frequency bandwidth: 70 to 18000 HZ; Signal to Noise: 64 dB-A; Audio output: Balanced XLR.

Wireless Microphone (Quantity 1):

Mini vocal set plug n play solution, including a wireless 150 W Continuous Program Power; 75 W Con handheld transmitter and a single wireless stationary receiver.

Loudspeakers (Quantity 1):

Indoor/Outdoor loudspeakers; Frequency Range: 80 Hz to 16 kHz (-10 dB); Power Capacity: 150 W Continuous Program Power; Sensitivity: 88 dB SPL, 1 W, 1m; Directivity Factor (Q): 5.3 dB; Directivity Index (DI): 7.2 dB; Material: HIPS weather resistant enclosure and transducers.

Mixer-Amplifier (Quantity 1):

Audio mixer designed for use in a wide range of commercial applications including schools, hospitals, restaurant/retail, small offices, etc. Interface: 4 inputs and 1 output channel.

▪ **Server: (Quantity = 1)**

Form: 2U Rack; Processor: Xeon 6C E5, 2600 v3 series up to 22 core/up to 15MB per processor; Memory: 2400 MHz with 16GB TruDDR4; HDD: 300GB x4 1.2GB/OBAY 2.5"; Power Supply: 550W.

▪ **UPS: (Quantity = 1)**

UPS 230 V/ 3kVA / 2.7 kVA Line-Interactive Sine Wave; 2U Rack/Tower; Extended runtime options; USB and DB9 ports.

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I, the undersigned, declared that have read and accepted as described and confirmed the need for equipment.



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