**Date:** 26.07.2022

**From:** Kosova Education Center (KEC)

“Third Millennium” School Compound

Qëndresa Str., no.48, Matiçan

10000, Pristina, Kosovo

**CONTACT DETAILS:**

Hana Hasimja

Tel: +381 38 244 257 ext 147 cell: +383 49 331 810

Email: **hhasimja@kec-ks.org**

**Tender dossier**

**Supply with electronic and ICT equipment for Kosovo Accreditation Agency (KAA)**

**Ref. No. 04-2022**

Kosova Education Center, through the QAINT Project funded by ADA is supporting the KAA in initial stage of digitalization process. Below is the list of equipment to be procured:

**LOT 1: Screening, audio and cameras**

|  |  |  |
| --- | --- | --- |
| Name | Description  | Quantity |
| Projector | * Resolution: 1080p Full HD (1920x1080)
* Brightness: 3,400 lumens
* Contrast ratio: 28,000:1
* Native aspect ratio: 16:9
* Aspect ratio – compatible: 4:3,16:9
* Keystone correction – horizontal +/-4°
* Keystone correction – vertical +/-4°
* Horizontal scan rate :15.375 ~ 91.147Khz
* Vertical scan rate: 24 ~ 85(120 for 3D) Hz
* Uniformity :80%
* Screen size 2.03m ~ 2.54m (80" ~ 100") diagonal
* Lamp watts :240
* Lamp life hours (up to) : 4000 (Bright), 12000 (Dynamic), 10000 (Eco), 15000 (Eco+)
* Inputs: 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm, 2 x USB-A reader/wireless
* Outputs: 1 x VGA, 1 x Audio 3.5mm
* Noise level :26 -28 dB, PC 2D, and 3D Compatible, Speakers, Remote Control
* LAN Control and LAN Display
* Power Supply: 100-240V – 50-60HZ
 | 1 |
| Video Conferencing System | * Motorized pan, tilt and zoom controlled from remote or console
* Pan +/- 90°
* Tilt +35° / -45
* 10x lossless HD zoom
* Field of View
* Diagonal: 90°
* Horizontal: 82.1°
* Vertical: 52.2°
* Full HD 1080p 30fps
* H.264 UVC 1.5 with Scalable Video Coding (SVC)
* Autofocus
* 5 camera presets
* Far-end control (PTZ) of Conference Cam product (with supported services) security slot
* Video mute/unmute LED indicator
* Standard tripod thread
* Camera, speakerphone, and call control
* 5 camera presets
* Docks on speakerphone
* IR 8.5 m range
* Full-duplex performance
* Acoustic echo cancellation
* Noise reduction technology
* Ultra-wideband audio
* Pairs with mobile devices via Bluetooth and NFC
* LCD for caller ID, call duration and other functional response
* LEDs for speakerphone streaming, mute, hold, and Bluetooth
* Tactile buttons for call answer/end, volume and mute, Bluetooth, and camera controls
* 5 camera presets for pan, tilt, and zoom settings
* security slot
* Pickup Range: 6 m
* Pickup range with expansion mics: 8.5 m
* Four omnidirectional, beamforming microphones
* Frequency Response: 100Hz – 11KHz
* Sensitivity: -28 dB +/-3dB
* Distortion: <5% from 200Hz
* Central Hub connects and powers all components
* Under-table mounting adhesive included
* One cable to camera: 5 m
* One cable to speakerphone: 5 m
* Extended cables available: 10 and 15 m
* One USB cable for connection to PC/Mac: 2 m
* AC Power adapter with regional plugs
* Plug-and-play USB connectivity
* Certified for Skype for Business and ready for Teams, Zoom Certified, Fuze® Certified, Microsoft Cortana®, Cisco Jabber®
* Compatible with other video conferencing, recording, and broadcasting applications that support USB camera.
 | 1 |
| Headphones with mic | * Form Factor: Over-ear
* Connectivity: Wireless
* Mic Sensitivity: 112 dB
* Mic Frequency Response: 100 Hz – 6.8 kHz
* Compatibility: PC/MAC
* Wireless Range: 580 ft.
* Mic Noise Reduction: Yes
* Mic Mute Button: Yes
* USB-C
* Battery Life: at least 12 hrs Bluetooth adapter or as a wired headset with audio over USB cable mode. Works with Teams, Zoom, and more
 | 15 |
| Speakers/Sound System | * Watts: 240W
* Watts (RMS) 120W
* Bluetooth® version: 4.1
* At least 25-meter line of sight range
* USB input: 1
* Headphone jack: 1
* Frequency Response: 40Hz – 18 KHz
* Max SPL: 97 dB@426B
* Sensitivity: 84 dB@1m/1w
* Input Impedance: >10K ohm
 | 1 |
| Digital Camera | * Digital single-lens non-reflex AF/AE camera with built-in flash
* Processor: DIGIC 8
* Recoding media: SD/SDHC/SDXC memory cards; UHS-I compatible
* Compatible lenses
* MOS sensor (supporting Dual Pixel CMOS AF)
* Approx. 24.1 megapixels
* Approx. 25.8 megapixels
* 3:2 (Horizontal: Vertical)
* Approx. 22.3 x 14.9mm (APS-C)
* Design rule for Camera File system 2.0, Exif 2.31 compliant, Supports time difference information

Large: * Approx. 24.00 MegapixelsMedium: Approx. 10.60 MegapixelsSmall 1: Approx. 5.90 MegapixelsSmall 2: Approx. 3.80 MegapixelsRAW / C-RAW: Approx. 24.00 Megapixels
* 3:2 Aspect RatioLarge: Approx. 24 MP (6000 x 4000)Medium: Approx. 10.6 MP (3984 x 2656)Small 1: Approx. 5.9 MP (2976 x 1984)Small 2: Approx. 3.8 MP (2400 x 1600)RAW / C-RAW: Approx. 24 MP (6000 x 4000)
* 4:3 Aspect RatioLarge: Approx. 21.3 MP (5328 x 4000)Medium: Approx. 9.5 MP (3552 x 2664)Small 1: Approx. 5.3 MP (2656 x 1992)Small 2: Approx. 3.4 MP (2112 x 1600)RAW / C-RAW: Approx. 24 MP (6000 x 4000)

Recording:* 16:9 Aspect RatioLarge: Approx. 20.2 MP (6000 x 3368)Medium: Approx. 8.9 MP (3984 x 2240)Small 1: Approx. 5.0 MP (2976 x 1680)Small 2: Approx. 3.2 MP (2400 x 1344)RAW / C-RAW: Approx. 24 MP (6000 x 4000)
* 1:1 Aspect RatioLarge: Approx. 16 MP (4000 x 4000)Medium: Approx. 7.1 MP (2656 x 2656)Small 1: Approx. 3.9 MP (1984 x 1984)Small 2: Approx. 2.6 MP 1600 x 1600)RAW / C-RAW: Approx. 24 MP (6000 x 4000)• The recording pixels number is rounded to the whole number nearest to 10,000 or 1,000.
 | 1 |
| Flat screen TV  | * 75 inch
* 4K UHD,
* 3,840 x 2,160
* Crystal Processor 4K
* PQI 2000
 | 1 |
| Bluetooth SpeakerSystem Bundle/Set  | * Bluetooth Speaker System Bundle with Battery, Shure PGA48 Microphone, 15ft XLR Audio Cable
* Wireless Bluetooth pairing and inputs for a microphone or musical instrument such as a keyboard or guitar
* Built-in sensors and multiple aiming positions for optimal sound in any nearly position
* Get at least 10 hours of play time with the rechargeable, lithium-ion battery
* Auto EQ automatically adjusts the system’s tone in any qualified placement position
* 2 combo XLR - ¼" inputs
* 3.5 mm input
* Bluetooth input
* ¼" TRS line output
 | 1 |
| **W**eb camera | * Up to 1080p 30fps video output
* HDR
* Auto exposure
* Auto white balance
* Auto anti-flicker
* Expansive 78° field of view
* USB-A connection
* USB-A connection
* Codec: PCM, 16bit, 16KHz sampling
* Adjustable mounting system
 | 1 |
| **I**nteractive Screen | * 74.52-inch
* Plug and play capability if supported by your system.
* On-Screen Display (OSD) adjustments for ease of set-up and screen optimization.
* Security lock slot.
* Supports Asset Management Capability. Arsenic-Free glass and Mercury-Free for Panel only.
	+ 0.3 W standby power when in the sleep mode. • • Up to 20 points and 4 pens InGlassTM Touch technology.
* Touchscreen (multi touch)

**Ports & Slots:*** HDMI 2.0 x 3
* DisplayPort 1.2
* VGA
* Audio Line-In | Audio Line-Out |
* 6. USB 3.0 Upstream x 3 USB 3.0 Downstream x 3 ; USB Dedicated Charging Port | RS232 | 10. RJ45
* HDMI 2.0 Cable | 2. VGA Cable | 3. DisplayPort Cable | 4. USB 3.1 Cable | 5. Power Cord | 6. OptiPlex Power Cord
* CD Display Technology: IPS
* Resolution: 3840 x 2160
* Display Format
* 4K UHD (2160p)
* Image Aspect Ratio
* 16:9
* LCD Backlight Technology: LED backlight
* Coating: Anti-glare, 9H Hard
* Image Contrast Ratio
* 1200:1
* Brightness
* 350 cd/m²
* Viewing Angle
* 178°
* With at least 4 pens support, 1.2 mm
 | 1 |
| **Manual Projector Screen** | * 50-inch,
* 16: 9 Aspect Ratio.
* View Size: 73. 6" H x 130. 7" W. Overall Size: 90. 4" H x 137. 9" W x 2. 9" D. Black Case.
* White 2, 1. 1 Gain. Multi-layer weave, 180degree wide viewing angle, fully black backed front projection screen with textured surface.
* 4K Ultra HD and Active 3D Projection Ready.
* Black backed screen material
 | 1 |

**LOT 2: Desktops, laptops and other accessories**

|  |  |  |
| --- | --- | --- |
| Laptops 14 inch | * 11th Generation Intel® Core™ i5 /-11300H
* Intel Iris Xe Graphics
* Supports up to 3 independent displays (native display and 2 external monitors via Thunderbolt™)
* Intel SoC (System on Chip) platform
* 8GB soldered memory
* 1TB SSD
* High Definition (HD) Audio, Realtek®
* Stereo speakers, 2W x2,
* Dual array microphone
* Camera at least HD 720p webcam with IR, fixed focus
* Battery: Integrated Li-Polymer 61Wh battery, supports Rapid Charge; At least 13hrs.
* Display 14.0" 2.2K (2240x1400)
* WLAN + Bluetooth®[1] Wi-Fi® 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 card

Standard Ports • 1x USB 3.2 Gen 1 (Always On) • 1x Headphone / microphone combo jack (3.5mm) • 2x Thunderbolt 4 (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.4) | 10 |
| External SSD Disk | * 2TB, SSD,
* 1050 Megabytes Per Second
* Read And Write Speeds On Non-Usb 3.2 Gen 2 Supported Devices
 | 2 |
| Mouse Pad | * Height: 7.87 in (200 mm)
* Width: 9.06 in (230 mm)
* Thickness: 0.08 in (2 mm)
 | 15 |
| Cables: | Cable Patch, UTP 6, 1,5m | 15 |
| Cable Patch, UTP 6, 3m | 15 |
| Cable Patch, UTP 6, 5m | 15 |
| HDMI Cable 10m | 2 |
| HDMI Cable 5m | 2 |
| HDMI Cable 3m | 15 |
| USB Cable Extender 2m | 1 |
| **Computer Tool Kits for Network & PC Repair** | **The kit shall include but not limited to the following items:*** STAR BITS: T8H, T10H, T15H, T20H, T25H, T27H, T30H, T35H, T40H
* Hex key bits: 5/32", 9/64", 1/8", 7/64", 3/32", 5/64"
* Hex bits: 2, 2. 5, 3, 4, 5, 6mm
* Spanner bits: 4, 6, 8, 10mm
* TORQ SET BITS: 6, 8, 10mm
* 60mm magnetic bit holder
* Torque screwdriver Set: T10, T15, T20, T25
* 5-piece socket: 3/16", 1/4", 5/16", 11/32", 3/8"
 | 1 |
| **U**SB | * USB sticks 32 gb
* USB 3.1 + Type-C
 | 15 |
| **A**ll in one desktop | * 23.8 ", Intel Core i5, 16GB RAM, 512GB SSD, Intel Iris Xe Graphics
* Two DDR4 SO-DIMM slots, dual-channel capable
* Memory Type
* DDR4-3200
* High Definition (HD) Audio, Realtek® ALC256 codec
* Speakers
* Stereo speakers, 3W x2,
* Dual array microphone
* Camera
* HD 720p, fixed focus
* IR & 5.0-megapixel, fixed focus
* Network
* Onboard Ethernet
* Gigabit Ethernet, 1xRJ-45
* WLAN + Bluetooth
* 802.11ac 2x2 Wifi + Bluetooth 5.0, M.2 card
* Ports:
* At least 1 USB 2.0
* At least 1 USB 3.2 Gen 2
* 1x HDMI 1.4
* 1x Ethernet (RJ-45)
 | 15 |
| Wireless keyboard and mouse | Wireless Keyboard Mouse Combo with Numeric KeypadSlim and compact size super light weight | 15 |
| Laptop Ultrabook 2in1 Tablet & Laptop | 13", Intel Core i5, 8GB RAM, 128GB SSD, Intel Iris Xe Graphics | 6 |
| Laptop Speakers | * Sound bar - stereo x 2
* Headphones (mini-phone stereo 3.5 mm)
* Audio line-in (mini-phone stereo 3.5 mm)
* USB 2.0 (4 pin USB Type A)
 | 2 |
| Wifi Modem  | * Quad-Band Wifi 6E Mesh WLAN System AXE11000 Mesh Router with 2 Satellites
* Coverage up to 600 m² and 200
* Devices up to 10.8 Gbps | 3x 2.5 GB and 9x GB LAN Ports
 | 1 |
| Uninterruptible Power Supply (UPS) | * 1500VA/1000W PFC Battery Backup) System designed to support active PFC and conventional power supplies; Safeguards computers, workstations, network devices, and telecom equipment.
* Six battery backup & surge protected outlets, six surge protected outlets; 2 USB charge ports (1 Type-A, 1 Type-C)
* REGULATION (AVR): Corrects minor power fluctuations without switching to battery power, thereby extending the life of the battery
* Automatic voltage
 | 1 |

**LOT 3: Servers and supporting architecture**

|  |  |  |
| --- | --- | --- |
| Network Attached Storage Sever | * Quad-core 1.7GHz processor
* 2 X 10GbE SFP+ ports
* 2 x 2.5GbE ports
* 3 x USB 3.2 Gen 1 ports
* 5 x 3.5-inch + 4 x 2.5-inch SATA 6Gb/s
* Built-in flash memory - 512 M
* Built-in RAM memory - 4 GB
 | 1 |
| Rack Cabinet | **Dimension:**Length: 26"Width:   32"Height:  53" without casterHeight:  58" with casters | 1 |
| Rack cable organizer  | * Material: Panel Plastic.
* Mounting screws included.
* Fits Standard Equipment. Accommodates tower units, monitors, and other equipment.
 | 1 |
| Rack Power Cord (at least 8 power cords) | Rack Power Cord (at least 8 power cords) | 1 |

**LOT 4: Chairs**

|  |  |  |
| --- | --- | --- |
| Chairs | * Ergonomic chairs
* Higher backrest
* Adjustable Height
* Comfortable and adjustable arm rest
* Adjustable lumbar rest
* Lockable casters
 | 15 |

**ALL ITEMS OFFERED MUST INCLUDE THE DETAILED SPECIFICATION INCLUDING PICTURES.**

**EXCEPT EXPANDABLE MATERIALS, ALL EQUIPMENT OFFERED MUST HAVE AT LEAST ONE (1) YEAR WARRANTY**

Delivery for each order will be within the delivery time specified in the Offer. More than one supplier or no supplier may be selected as a result of this Request for Offer.

**Conditions of Offer**

1. Offer should contain all relevant product specification information in line with this tender dossier, full specification, visuals and any other information should be part of the application package.
2. Offer should include unit prices per item in Euro without VAT. This is a project funded by Austrian Development Agency and is exempted from VAT pursuant to Kosovo Legislation.
3. Offer should have a validity of at least 90 days after the submission date.
4. Offer should include a copy of the business registration document.
5. Kosova Education Center may base its decision to the most economically advantageous offer. The evaluation committee will determine the winner as following. Max 60 points or 60% will be allocated to price and 40 points or 40% to technical criteria, respectively to the quality provided. Therefore, all vendors are encouraged to pay special attention to the technical and quality requirements as per the details envisaged above.
6. All vendors can apply for all 4 lots or separate lots as you see fit.
7. Offers will be reviewed by Kosova Education Center Evaluation Committee, soon after the closing date.
8. Notifications will be made within one week of a decision by Kosova Education Center Procurement Committee.
9. KEC will affect a bank transfer to the account specified by the supplier upon delivery of each commodity and receipt of invoice. Cash payments will not be made. Partial deliveries and partial payments may be accepted based on quantities delivered and the needs.
10. The Kosovo Education Center (KEC) reserves the right to change the quantity for the aforementioned items until a final decision is made.
11. The Kosovo Education Center (KEC) is not responsible in case of cancellation, if this is decided by the government authority for prevention and protection from the Covid-19 virus.
12. Kosovo Education Center (KEC) reserves the right to request additional clarifications regarding the offers.
13. Interference in this process is not allowed and will result in disqualification of the offer.

**The issuance of this call does not constitute an award commitment of the part of KEC nor does it commit KEC to pay for the costs incurred in the preparation and submission of an offer.**

Offers must be submitted in hard copy in closed envelope in the address:

Kosova Education Center (KEC)

“Third Millennium” School Compound

Qëndresa Str., no.48, Matiçan

10000, Pristina, Kosovo

 The deadline for submitting the offers is **August 9, 2022 at 16:00 hrs.**

Any offer delivered after the indicated deadline may not be taken into consideration.

If you have questions, please contact Kosova Education Center, office telephone number +383 38 244 257 ext 147 or email hhasimja@kec-ks.org