**TENDER TECHNICAL SPECIFICATION**

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| **Tender #** | **4435/2017/1 as of 4 August 2017**  |
| **Services** | Provision of the computer and other office equipment  |
| **Location and dates** | Kyiv, Ukraine |
| **Dates** | Deadline for provision – 30 September 2017 |
| **Description of services** | Joint Programme between the European Union and the Council of Europe “Strengthening the implementation of the European human rights standards in Ukraine” (the Project) within its component “Support to the police reform and fight against impunity and ill-treatment”, in response to the request of the National police of Ukraine is planning to purchase computer and other office equipment to be transferred to the Human Rights Directorate of the National police of Ukraine. Equipment will be used by the staff members of the Directorate in Kyiv and regions for implementation of the routine office tasks and connection to internal system of communication via videoconferences, as well as accessing the classified data bases of the National police of Ukraine. Technical characteristics and quantity of the required equipment are provided below. Suppliers are encouraged to provide the budget offers with prices for equipment models in compliance with the indicated technical characteristics and produced by well-known established manufacturers with good reputation.The Project “Strengthening the implementation of the European human rights standards in Ukraine” has been registered as a programme of technical assistance in accordance with the Decree of the Cabinet of Ministers of Ukraine no. 153 as of 15/02/2002. Registration card # 3629. **Therefore, potential suppliers are invited to provide budget offers with prices excluding VAT.** |

**Technical specification**

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| **#** | **Item title** | **Quantity** |
| 1. | System unit  | 45 |
| 2. | Screen  | 45 |
| 3. | Keyboard +mouse | 45 |
| 4. | Power supply filter | 45 |
| 5. | Uninterruptible power supply unit | 35 |
| 6. | Web camera | 35 |
| 7. | Acoustic system | 35 |
| 8. | Multifunctional printing device, А4, black and white, laser  | 35 |
| 9. | Cartridge for Multifunctional device, А4, black and white, laser | 35 |
| 10. | Multifunctional printing device, А3, color, inkjet | 1 |

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| **Personal computer** |
| Chipset | Intel® H110 |
| **Processor** |
| Type  | Intel® Core™ i5-6500 Processor |
| Processor speed (gigahertz)  | 3.2 |
| Number of general processor units | 4 |
| **RAM** |
| RAM (memory)  | 8 Gb |
| Standart  | DDR4-2133 |
| **Hard drives** |
| Hard drive capacity, SATA, Gb | 1000 |
| **Graphic adapter** |
| Graphic chipset | NVIDIA® GeForce GTX 1050Ti |
| Memory volume  | 4 |
|  **Hardware peripheral** |
| Optical drive | DVD-RW |
| Sound controller  | integrated HD Audio 7.1 |
| External ports | 2xUSB 3.0, 4xUSB2.0, 3xAudio |
| Card reader | Available |
| Network adapter  | 10/100/1000 |
| Power supply unit capacity  | 400 |
| **Operation system** | Windows 10 Professional |
| **Web camera**  | Connectivity Technology -Wired Camera type - color Image Sensor Type - 2 MP Video Input - Color or B&W color Audio Support - Yes Audio Support Features - built-in microphone Frame Rate - 30 frames per second Still Image Capture Resolution - 4608 x 3456 Compatible OS – Windows Computer Interface - USB 2.0 Optical Sensor: Total Pixels - 2000000 pixels  |
| **Acoustic system** | Audio Output Mode - StereoNumber of Speakers - 2Output Power - 4 WOutput Power per Channel - 2 WFrequency Response - 100Hz-20kHzAudio Controls - VolumeFront - 2 x 2W x 9cm x 5cm;Audio Line-In Interface Quantity - 1Audio Line-In Interface Connector Type - Mini-phone Stereo 3.5 mmInput Voltage - AC 220 VInput Frequency - 50 Hz |
| **Uninterruptible power supply unit** | UPS Topology - Line-interactiveInputGenerator Compatibility - YesNominal Input Voltage (Vac) - 230 ± 10%Input Voltage Range (Vac) -165 ~ 290Input Frequency (Hz) - 50 ± 5; 60 ± 5Input Frequency Detection- Auto-sensingRated Input Current (A) - 2.95Input Connector Type- Schuko 　OutputCapacity (VA) -650Capacity (Watts) - 360On Battery Waveform -Simulated Sine WaveOn Battery Voltage(s) (Vac) - 230 ± 10%On Battery Frequency (Hz) - 50 ± 1%; 60 ± 1%Automatic Voltage Regulation (AVR) - Single Boost, Single BuckOverload Protection -FuseOutlet(s) – Total 2Outlet(s) - Battery Backup 2Typical Transfer Time (ms) -4BatteryRuntime at 60W (min) - 28Runtime at 90W (min) - 16Typical Recharge Time (Hours) - 8Start On Battery - YesBattery Type - Sealed Lead-acidReplacement Battery Pack - RBP0119RBP Quantity (pcs) -1 |
| **Keyboard and mouse** | USB Keyboard and Mouse setStandard, 104 keysWired, 1.5 m, Keyboard layout - Ukrainian |
| **Power supply filter** | 5 m |
| **Screen** |
| Type | LED screen |
| Screen diagonal | 23,8 |
| Type of LED-matrix  | AH-IPS |
| Image format | 16:9 |
| Resolution | 1920x1080 |
| Visual angle | 178/178 |
| Type of lighting system | WLED |
| Screen surface | Opaque screen |
| Vertical refresh rate, gigahertz | 56-75 |
| **Videosignal Interface** |
| DVI  | Available |
| HDMI  | Available |
| **Multifunctional device, А4 , black and white printing** |
| Multifunctional device | PrinterPrint speed Single sided: Up to 23 ppm (A4)Printing method Monochrome laser beam printingPrint quality Up to 1200 x 1200 dpiPrint Resolution 600 x 600 dpiFirst Print Out Time Approx: 6.0 seconds or lessPrinter languages UFRII-LTPrint margins 5 mm-top, bottom, left and right 10 mm-top, bottom, left and right (Envelope)Toner saver mode YesCopierCopy Speed Single sided: Up to 23 ppm (A4)First Copy Output Time (FCOT) Approx. 9.0 seconds or lessCopy resolution Up to 600 x 600 dpiCopy modes Text/Photo, Text/Photo (High speed), Photo, TextMultiple Copy Up to 999 copiesReduction/Enlargement 25-400% in 1% incrementsOther features Memory sort, 2 on 1, 4 on 1, ID card copyScannerType ColourScan Resolution Optical: Up to 600 x 600 dpi Enhanced: Up to 9600 x 9600 dpiScan speed Single sided mono: 3 sec/page (300x300dpi) Single sided colour: 4 sec/page (300x300dpi)Colour scanning depth 24 bit/24 bit (input/output)Greyscales 256 levelsCompatibility TWAIN , WIA, ICAMax. scan width 216mmScan to PC TIFF/JPEG/PDF/Compact PDF/Searchable PDF[1](https://www.canon-europe.com/for_home/product_finder/multifunctionals/laser/i-sensys_mf231/specifications/#footnote-1)Scan to Cloud TIFF/JPEG/PDF/PNGMedia handlingScanner Type FlatbedPaper input (Standard) 250-sheet cassette 1-sheet multi-purpose trayPaper output 100-sheetMedia types Plain paper, Colour paper, Recycled paper, Heavy Paper, Bond paper, Label, Index card, EnvelopeMedia sizes Cassette : A4, A5, B5, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, Foolscap, 16K, Envelop (COM10, DL, C5), Custom sizes: Min. 76.2 x 210 mm  Max. 216 x 356 mm. Multi-purpose tray: A4, A5, B5, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, Foolscap, 16K, Indexcard, Envelope (COM10,Monarch,DL, C5), Custom sizes: Min 76.2 x 127 mm  Max. 216 x 356 mm.Media weights Cassette: 60 to 163 g/m² Multi-purpose tray: 60 to 163 g/m²Interface & SoftwareInterface type USB 2.0 Hi-Speed,Operating System compatibility Windows® 10 / Windows® 8.1 / Windows® 8 / Windows® 7 / Vista Mac OS X version 10.6 & up Linux[2](https://www.canon-europe.com/for_home/product_finder/multifunctionals/laser/i-sensys_mf231/specifications/#footnote-2)Software and printer management Presto! Page Manager, MF Scan Utility, Toner Status Tool,General featuresRecommended Monthly Print Volume 500 - 2,000 pages per monthDuty cycle Max. 15,000 pages per month[3](https://www.canon-europe.com/for_home/product_finder/multifunctionals/laser/i-sensys_mf231/specifications/#footnote-3)Memory 128MBControl Panel 5 lines B&W LCDPower Source 220-240V(±10%)  50/60Hz (±2Hz)Power Consumption Maximum: Approx. 1120 W Standby: Approx. 4.2 W Sleep mode: Approx. 1.2 W Typical Electricity Consumption (TEC): 0.6 kWh/week  |
| Cartridge | Q-ty in pack - 2Colour - blackresource (for 5% covered page) - 2 x 2400 |
| **Multifunctional device, А3, color printing** |
| Multifunctional device | **Printing Resolution**4,800 x 1,200 DPI**Application**Home, Office Desktop, Office Workgroup**All-in-One Functions**Print, Scan, Copy, Fax**Printing Speed ISO/IEC 24734**18 pages/min Monochrome, 10 pages/min Colour**Printing Speed**32 pages/min Monochrome (plain paper 75 g/m²), 20 pages/min Colour (plain paper 75 g/m²)**Duplex Printing Speed ISO/IEC 24734**8.7 A4 pages/min Monochrome, 6 A4 pages/min Colour**Colours**Black, Cyan, Yellow, Magenta**Scanning Resolution**1,200 DPI x 2,400 DPI (Horizontal x Vertical)**Output formats**BMP, JPEG, TIFF, PDF**Scanner type**Contact image sensor (CIS)**Type of fax**Walk-up black and white and colour fax capability**Fax Transmission Speed**Up to 33.6kbps / Approx. 3 sec/page**Error correction mode**CCITU/ITU Group3 fax with Error Correction Mode**Fax speed dials (max)**200 names and numbers**Page memory**Up to 550 pages/ 6MB (ITU-T No. 1 chart)**Fax Functions**PC Fax, Auto Redial, Address Book, Delay Send, Broadcast Fax**Number of paper trays -** 3**Paper Formats**A3+, A3, A4, A5, A6, B5, C4 (Envelope), C6 (Envelope), DL (Envelope), Letter, 9 x 13 cm, 10 x 15 cm, Legal**Duplex**Yes**Automatic Document Feeder**35 pages**Output Tray Capacity**125 Sheets**multifunction**250 Sheets Standard, 250 Sheets Maximum, 20 Photo Sheets**Rear paper path (special media)**Yes**Compatible Paper Weight**64 g/m² - 250 g/m²**Media Handling**ADF 2-sided copy (A4/A3, plain paper), Auto Sheet Feeder, Automatic duplex**Energy Use**20 Watt (standalone copying, ISO/IEC 24712 pattern), 2 Watt (sleep mode), 9.1 Watt (ready), 0.5 Watt (Power off),  ENERGY STAR® qualified**Supply Voltage**AC 100 V - 240 V, 50 Hz - 60 Hz**Product dimensions**666‎ x 486 x 418 mm (Width x Depth x Height)**Product weight**23 kg**Noise Level**5.8 B (A) with Epson Premium Glossy Photo Paper / Photo RPM mode - 44 dB (A) with Epson Premium Glossy Photo Paper / Photo RPM mode**Compatible Operating Systems**Mac OS X 10.6.8 or later, Windows 10, Windows 7, Windows Server 2003 (32/64bit), Windows Server 2008 (32/64bit), Windows Server 2008 R2, Windows Server 2012 (64bit), Windows Server 2012 R2, Windows XP x64**Included Software**Epson Easy Photo Print, Epson Event Manager, Epson Scan, EpsonNet Print, EpsonNet setup**Interfaces**USB, Ethernet, WiFi, Wi-Fi Direct**Mobile and Cloud printing services**Epson Connect (iPrint, Email Print, Remote Print Driver, Scan-to-Cloud), Google Cloud Print**Power Supply**100V, 110V, 220V, 240V**What's in the box**2 full sets of ink (Bk - 140ml, CMY - 70 ml), Main unit, Power cable, Setup guide, Software (CD), Warranty document **LCD screen**Type: Colour, Diagonal: 10.9 cm**Memory Cards**SD, SDXC, Memory Stick Duo, MicroSDHC\*, SDHC\*, MicroSD\*, MicroSDXC\*, MiniSD\*, MiniSDHC\* (\* Adaptor required, not supplied in box)**Features**Touchscreen**8 bottles of ink of different colors in batch**  |

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| **Payment** | In return for the fulfilment by the Provider of its obligations under the contract, the Council undertakes to pay the Provider the amount in EUR or in UAH as follows: * Advance payment of max 60% from the total price of the contract;
* The balance to be paid by the Council of Europe within 60 calendar days after the completion of all the services, delivery and unloading of equipment, upon presentation of final detailed invoice(s), signing of the Act of Acceptance by two parties in two copies.
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| **Provider Exclusion** | Bidders should:* Have not been sentenced by final judgment on one or more of the following charges: participation in a criminal organisation, corruption, fraud, money laundering;
* Are not in a situation of bankruptcy, liquidation, termination of activity, insolvency or arrangement with creditors or any like situation arising from a procedure of the same kind, or is not subject to a procedure of the same kind;
* Have not received a judgment with res judicata force, finding an offence that affects its professional integrity or constitutes a serious professional misconduct;
* Do comply with its obligations as regards payment of social security contributions, taxes and dues, according to the statutory provisions of the country where it is established.
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| **Provider Eligibility Criteria** | Bidders should meet the following eligibility criteria:* Have a proven working experience in provision of similar equipment (min 1 calendar year).
* Operational and financial capacity of the company.
* Must be able to provide a budget offer and conclude the contract without VAT
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| **Provider Award Criteria** | Bidders will be assessed against the following criteria:* Suggested models of equipment are in compliance with the technical specifications provided;
* Suggested prices are on a general market level;
* Balance of the prices and quality of the suggested equipment models will be weighed as 60% and 40% respectively;
* All the required document are accurately and correctly prepared, all the calculations are correct;
* Each bid should be submitted in 2 formats: scanned PDF (on the letterhead, with the date, name of responsible person, signature and stamp) and Excel.

Submission of bids before the deadline indicated in the call for tender. |
| **Call for tender issued** | **4 August 2017** |
| **Date of the announcement of the results**  | **4 September 2017**  |
| **Documents to be provided by the Bidders** | All Bids should be sent via e-mail to kyiv@coe.int indicating **TENDER 4435/2017/1** in a subject line by **30 August 2017 at 23:59 Kyiv Time. The deadline is compulsory.**The following documents should be presented: 1. ***APPENDIX II Provisional budget template*** *filled in as per all requested service positions in PDF* ***and*** *Excel format. Submitted PDF formatted budget should be duly signed, stamped and dated; provided on the Company’s letterhead (the budget to be in both UAH and EUR, at the CoE rate as of 01/08/2017 1 Eur = 30,32 UAH;*
2. *Technical specification to each model of equipment suggested*
3. ***Cover letter*** *with the information about the Supplier and description of its experience in provision of similar equipment.*
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