**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 - Stereo  Number of Speakers - 2  Output Power - 4 W  Output Power per Channel - 2 W  Frequency Response - 100Hz-20kHz  Audio Controls - Volume  Front - 2 x 2W x 9cm x 5cm;  Audio Line-In Interface Quantity - 1  Audio Line-In Interface Connector Type - Mini-phone Stereo 3.5 mm  Input Voltage - AC 220 V  Input Frequency - 50 Hz |
| **Uninterruptible power supply unit** | | UPS Topology - Line-interactive  Input  Generator Compatibility - Yes  Nominal Input Voltage (Vac) - 230 ± 10%  Input Voltage Range (Vac) -165 ~ 290  Input Frequency (Hz) - 50 ± 5; 60 ± 5  Input Frequency Detection- Auto-sensing  Rated Input Current (A) - 2.95  Input Connector Type- Schuko  Output  Capacity (VA) -650  Capacity (Watts) - 360  On Battery Waveform -Simulated Sine Wave  On Battery Voltage(s) (Vac) - 230 ± 10%  On Battery Frequency (Hz) - 50 ± 1%; 60 ± 1%  Automatic Voltage Regulation (AVR) - Single Boost, Single Buck  Overload Protection -Fuse  Outlet(s) – Total 2  Outlet(s) - Battery Backup 2  Typical Transfer Time (ms) -4  Battery  Runtime at 60W (min) - 28  Runtime at 90W (min) - 16  Typical Recharge Time (Hours) - 8  Start On Battery - Yes  Battery Type - Sealed Lead-acid  Replacement Battery Pack - RBP0119  RBP Quantity (pcs) -1 |
| **Keyboard and mouse** | | USB Keyboard and Mouse set  Standard, 104 keys  Wired, 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 | | Printer  Print speed  Single sided: Up to 23 ppm (A4)  Printing method  Monochrome laser beam printing  Print quality  Up to 1200 x 1200 dpi  Print Resolution  600 x 600 dpi  First Print Out Time  Approx: 6.0 seconds or less  Printer languages  UFRII-LT  Print margins  5 mm-top, bottom, left and right  10 mm-top, bottom, left and right (Envelope)  Toner saver mode  Yes  Copier  Copy Speed  Single sided: Up to 23 ppm (A4)  First Copy Output Time (FCOT)  Approx. 9.0 seconds or less  Copy resolution  Up to 600 x 600 dpi  Copy modes  Text/Photo, Text/Photo (High speed), Photo, Text  Multiple Copy  Up to 999 copies  Reduction/Enlargement  25-400% in 1% increments  Other features  Memory sort, 2 on 1, 4 on 1, ID card copy  Scanner  Type  Colour  Scan Resolution  Optical: Up to 600 x 600 dpi  Enhanced: Up to 9600 x 9600 dpi  Scan 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 levels  Compatibility  TWAIN , WIA, ICA  Max. scan width  216mm  Scan 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/PNG  Media handling  Scanner Type  Flatbed  Paper input (Standard)  250-sheet cassette  1-sheet multi-purpose tray  Paper output  100-sheet  Media types  Plain paper, Colour paper, Recycled paper, Heavy Paper, Bond paper, Label, Index card, Envelope  Media 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/m²  Interface & Software  Interface 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 features  Recommended Monthly Print Volume  500 - 2,000 pages per month  Duty 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  128MB  Control Panel  5 lines B&W LCD  Power 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 - 2  Colour - black  resource (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. |
| **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. |
| **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 |
| **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](mailto: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.* |