**ANNEX 1: SCHEDULE OF REQUIREMENTS**

*Bidders are requested to complete this form, sign it and return it as part of their bid along with Annex 2: Quotation Submission Form and Annex 3: Technical and Financial Offer. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.*

**Technical Specifications for Goods:**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | **Notebook PC 15”** | Pcs | 5 |
|  | **Offered specification and Brand Name** |
|  |  | Required specification |
|  | Processor | Quad Core x86 processor 1.6 GHz, 6MB cache, 8 Threads, 14nm |  |
|  | RAM | 12GB |  |
|  | Hard Disk Drive | 256 GB SSD |  |
|  | Display | 15.6”, 1920x1080 |  |
|  | Network | Ethernet 1Gbit/s (integrated or via USB-C to RJ45 adapter) |  |
|  |  | Wi-Fi 6 |  |
|  |  | Bluetooth 5 |  |
|  | Webcam and microphone | Integrated |  |
|  | Touchpad | Touchpad |  |
|  | Keyboard | US Layout |  |
|  | Ports | 2 x USB 3.1, 2 x USB Type-C with Thunderbolt, HDMI |  |
|  | Operating System | Microsoft Windows 10 Pro 64-bit |  |
|  | Min. warranty (parts/ labour/ on-site) | 3/3/3 |   |

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| 1a | Additional equipment for Item 1 | Pcs | 5 |
|  | Offered specification |
|  |  | Required specification |
|  | Keyboard | USB |  |
|  | Bluetooth Mouse | Bluetooth |  |
|  | Min.warranty (parts/labour/on-site) | 2/2/2 |  |

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| 2 | **Smartphone** | Pcs | 70 |
|  |  | **Required specification** | **Offered specification and Brand Name** |
|  | Operating system | Android 10+ |  |
|  | Screen | 6-7 inches |  |
|  | Resolution | 2400x1080px |  |
| Camera | Back: 12 MP min |  |
| Integrated memory | 128 GB min |  |
| RAM | 6 GB min |  |
| Connectivity | 2G, 3G, 4G |  |
| Wi-Fi 802.11 a/b/g/n/ac, dual-band, hotspot |  |
| Bluetooth 4.2, A2DP, LE; NFC; GPS |  |
|  | Minimum warranty (parts/labor/on-site) | 2/2/2 or more  |  |

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| 3 | **Desktop PC** | Pcs | 65 |
|   | Offered specification and Brand Name |
|   |   | Required specification |
|   | Processor | 6-core X86 CPU, 12 Threads, 2.3 GHz, 12MB Cache |   |
|   | Memory/RAM | 16GB DDR |   |
|   | HDD | 256 GB SSD |   |
|   | Media Device | DVD+/-RW DL (internal or USB) |   |
|   | Ports | Rear: 4 x USB, RJ-45, audio in/out, HDMIFront: 2 x USB, 3.5mm |   |
|   | Operating System | Microsoft Windows 10 Pro |   |
|   | Power Supply | 220V/50Hz, European Power Cord |   |
|   | Min.warranty (parts/labor/on-site) | 2/2/2 |  |

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| 3a | **Additional equipment for Item 3** | Pcs | 65 |
|  | Offered specification |
|  |  | Required specification |
|  | Keyboard | USB |  |
|  | Mouse | Optical w/ scroll wheel, wireless |  |
|  | Min.warranty (parts/labour/on-site) | 2/2/2 |  |

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| 3b | **Monitor – 23.8” min** | Pcs | 65 |
|  | **Offered specification and Brand Name** |
|  |  | Required specification |
|  | Size | 23.8 min. |  |
| Panel Type | IPS |  |
| Optimal Resolution | 1920 x 1080 |  |
| Contrast | 1000:1 (typical) |  |
| Brightness | 250 cd/m2 (typical) |  |
| Response time | 8ms |  |
| Panel Backlight | LED |  |
| Stand | Height-adjustable, pivot, tilt, swivel  |  |
| Connectivity | HDMI, DP, DP to VGA adapter or HDMI to VGA adapter |  |
|  | Minimum warranty (parts/labour/on-site) | 2/2/2 |  |

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| 4 | **UPS** | Pcs | 65 |
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|  |  | Required specification | Offered specification |
|  | Power | 1000 VA / 720W min. |  |
|  | Topology | Line interactive |  |
|  | Waveform type | Stepped approximation to a sinewave |  |
|  | Transfer Time | 4 ms typical |  |
|  | Input voltage range for main operations | 175 - 280V |  |
|  | Input Frequency | 50/60 Hz +/- 3 Hz Autosensing |  |
|  | Output Connectors | 3 x Schuko CEE 7 |  |
|  | AVR | Yes |  |
|  | Back-Up time | 47min (50W), 22min (100W), 8min (200W), 3min (300W) |  |
|  | Battery | 12V, 7.2Ah |  |
|  | Connection | USB port |  |
|  | Min. warranty (parts/ labour/ on-site) | 2/2/2 |   |

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| **5** | **Multifunctional device – copier/printer/scanner**  | Pcs | 65 |
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|  |  | Required specification | **Offered specification and Brand name** |
|  | Functions | Duplex Printer/ Duplex Scanner/ Copier |  |
|  | Printing technology  | Monochrome laser |  |
|  | Format | A4 |  |
|  | B&W print resolution | 1200dpi |  |
|  | B&W print speed | 23ppm |  |
|  | Scanner type | Color, flatbed and Duplex automatic document feeder (DADF) |  |
|  | Scanner resolution | 600x600 Dpi |  |
|  | Decrease/ Increase | 25-400% |  |
|  | Memory capacity | Min 256 Mb |  |
|  | Interfaces | USB 2.0 Hi-Speed, LCD display panel  |  |
|  | First page print time | Max. 6 seconds |  |
|  | Media type | Plain, thick, recycled paper, transparencies, labels, envelopes |  |
|  | Paper weight | 60-163 g/m3 |  |
|  | B&W cartage | Min 1600 pages |  |
|  | OS compatibility  | Windows XP 7/8/10 Server 2008/ Server 2012 |  |
|  | Elevators | 220v cable 1pc, USB 2.0 cable 3 m- 1 pc |  |
|  | Spare cartridge  | Min 1600 sheets- 1pcs |  |
|  | Additional toners | Original toners cartridge black for a minimum of 27.000 pages |  |
|  | Minimum warranty (parts/labor/on-site) | 3/3/3 |  |

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| 6 | **Color Printer**  | Pcs | 1 |
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|  |  | Required specification | Offered specification |
|  | Type | Color Laser Multifunctional |  |
|  | Core Functions | Print, Copy, Scan, Send, Store |  |
|  | Control Panel | TFT LCD Colour Touch panel |  |
|  | Memory | 3.0 GB RAM min. |  |
|  | Hard Disk Drive | 250 GB min. |  |
|  | Interface Connection |  |  |
|  | Connectivity | 1000Base-T/100Base-TX/10Base-T, |  |
|  |  | Wireless LAN (IEEE 802.11 b/g/n), USB 3.0 |  |
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|  |  |  |  |
|  | Paper Handling | Number of trays: 2Paper size: A3, A4, A4R, A5, A5R Total tray capacity at least 500 sheets |  |
|  | Print/Copy Speed (BW and Color) | 20 ppm (A4), 15 ppm (A3) |  |
|  |  | Print Resolution (dpi)1200 x 1200, 600 x 600Page description languagesStandard: PCL 6, Genuine Adobe PostScript Level 3Printing from USB memory, Supported file types: TIFF, JPEG, PDF, EPS, and XPSOS supported: Windows 7 / 8.1 / 10 / Server 2008 / Server 2008 R2 / Server 2012 / Server 2012 R2 / Server 2016, MAC OS X (10.7 or later)PPD: MAC OS X (10.7 or later), Windows 7 / 8.1/ 10 |  |
|  | Copy Specifications | Copy speed (BW/CL)20 ppm (A4), 15 ppm (A3)First-Copy-Out Time (A4) (BW/CL)10 seconds or lessCopy resolution (dpi) 600 x 600Duplex copyingMultiple CopiesUp to 999 copiesMagnification: 25%-400% |  |
|  | Scan Specifications | Automatic Duplexing Document Feeder Scan Speed (ipm, A4):1-sided: 502-sided: 25 Scan Resolution (dpi)600 x 600 |  |
|  | Send Specifications | DestinationE-mail/Internet FAX (SMTP), SMB v3.0, FTP, WebDAVAddress bookLDAP/LocalCommunication protocolFile: FTP (TCP/IP), SMB v3.0, WebDAVE-mail/I-Fax: SMTP, POP3File FormatStandard: TIFF, JPEG, PDF |  |
|  | Fax Specifications | Modem Speed: 33.6 kbpsCompression Method: MH, MR, MMR, JBIGResolution (dpi): 400 x 400, 200 x 400, 200 x 200, 200 x 100 |  |
|  | Min. warranty (parts/ labour/ on-site) | 2/2/2 |   |

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| 7 | **High volume document scanner** | Pcs | 2 |
|  | Offered specification |
|  |  | Required specification |
|  | Type | High Volume Document Professional scanner |  |
|  | Color Image | 24 Bit, 16.8 million colors (True Color) |  |
|  | Optical Resolution | 600 dpi |  |
|  | Output Resolutions | 150, 200, 300, 400, and 600 dpi |  |
|  | Speed | 120 sheets/min (A4, 300dpi, color, duplex) |  |
|  | Scanning Method | CCD line camera or CIS |  |
|  | Paper Input | ADF (500 sheets capacity) or single sheet feed |  |
|  | Paper Formats | • ISO formats: A3, A4, A5, A6, A7, B4, B5, B6, B7• US formats: Ledger, Legal, Letter, Executive, Invoice |  |
|  | Conectivity | RJ45 Gigabit Ethernet |  |
|  | Supported OS | Windows 7/8/10 (32/64 Bit) |  |
|  | Driver | TWAIN, ISIS, WIA |  |
|  | Min. warranty (parts/ labour/ on-site) | 2/2/2 |  |

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| 8 | **Retransfer Card printer**  | Pcs | 1 |
|  | Offered specification |
|  |  | Required specification |
|  | Printer Type | Plastic card printer - dye sublimation retransfer - color |  |
|  | Nominal Voltage | AC 120/230 V |  |
|  | Frequency Required | 50/60 Hz |  |
|  | Print Speed | At least 150 cards/hour - color single-sided - CR-80 Card |  |
|  | Built-in Devices | magnetic stripe reader/writer, status LCD |  |
|  | Printer Features | lockable enclosure |  |
|  | Media Type | ABS cards, PET cards, PETG cards, PVC card, PVC composite card, polyester card |  |
|  | Card / Label Sizes | CR-80 Card |  |
|  | Total Media Capacity | 150 card(s) |  |
|  | Networking | Networking Print serverData Link Protocol Ethernet, Fast EthernetConnectivity Technology wired |  |
|  | Ram | 64 MB min |  |
|  | Printing | 300 dpi |  |
|  | Pc Connectivity | LAN, USB |  |
|  | Min. warranty (parts/ labour/ on-site) | 2/2/2 |   |

**Delivery Requirements**

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| **Delivery Requirements** |
| **Delivery date and time** | Up to 60 calendar days from the date of Contract signing |
| **Delivery Terms (INCOTERMS 2020)** | DAP Including loading, transportation and unloading of goods to the designated address, all inclusive |
| **Customs clearance****(must be linked to INCOTERM** | [ ]  Not applicableShall be done by:[x]  Supplier/bidder (UNDP will provide necessary documentation related to customs duties and/or VAT payment exemption. Invoice/s for Customs clearance must be issued to UNDP’s consignee name), if any.[ ]  Freight Forwarder |
| **Exact Address(es) of Delivery Location(s)** | General Police Inspectorate, Ministry of Internal Affairs, Republic of Moldova, 11/1 Tiraspol Street, Chisinau, MD-2001 |
| **Distribution of shipping documents (if using freight forwarder)** | Supplier/bidder |
| **Packing Requirements** | N/A |
| **Training on Operations and Maintenance** | N/A |
| **Warranty Period** | As inidicated in Anex1 Technical Specifications for Goods |
| **After-sales service and local service support requirements** | -Service Unit to be Provided when the Purchased Units is /are Under Repair- Brand new replacement if Purchased Unit/s is/are beyond repair- Authorized service shop as described in the Section 2 above |
| **Preferred Mode of Transport** | Air/Land/Sea/Any |