# *ANNEX II + III:* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

**Contract title: Supply of IT Equipment.**

**Reference:** **LOC/INT/AFG/01/2024**

**Columns 1-2 should be completed by the Contracting Authority (Technical Specifications)**

**Columns 3-4 should be completed by the tenderer (Technical offer)**

**Column 5 is reserved for the evaluation committee.**

Annex III - the Contractor's technical offer

The tenderers are requested to complete the template on the next pages:

* Column 2 is completed by the Contracting Authority shows the required specifications (not to be modified by the tenderer),
* Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words “compliant” or “yes” are not sufficient),
* Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation.

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to precisely identify the models and the specifications may be rejected by the Evaluation Committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offeredspecifications.

| **LOT 1**  **Computer/Phone & Accessories** | | | | |
| --- | --- | --- | --- | --- |
| **1.**  **Item Number** | **2.a**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks, ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| 1 | Mobile phone ( Similar to Samsung Galaxy A32 8/128GB) |  |  |  |
| 2 | Mobile Phone ( Similar to Samsung Galaxy A34 8/128) |  |  |  |
| 3 | RAM DDR4 Laptop 8GB latest generation |  |  |  |
| **4** | RAM DDR4 Laptop 16GB latest generation |  |  |  |
| **5** | RAM DDR3 Laptop 8GB latest generation |  |  |  |
| **6** | SSD Hard Drive 256GB (SSD Type) |  |  |  |
| **7** | SSD Hard Drive 256GB (MV2) |  |  |  |
| **8** | SSD Hard Drive 512GB (SSD Type) |  |  |  |
| 9 | SSD Hard Drive 512B (MV2) |  |  |  |

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| --- | --- | --- | --- | --- |
| 10 | Laptop Charger (Similar to Lenovo Thinkpad Type C - 65W Original) |  |  |  |
| 11 | USB Disk USB3 Original 64GB |  |  |  |
| 12 | USB Disk USB3 Original 32GB |  |  |  |
| **13** | Wireless Mouse - Original |  |  |  |
| **14** | Wireless Headphone -Original |  |  |  |
| **15** | Wired Headphone -Original |  |  |  |
| 16 | TV for Conference Room 55-65" |  |  |  |
| 17 | Conference System (Similar to Logitech CC3500e) |  |  |  |
| 18 | Laptop Internal Batteries Original (Similar to Lenovo Thinkpad E490) |  |  |  |
| 19 | Laptop Charger (Similar to Lenovo Thinkpad E490) |  |  |  |
| 20 | Laptop Keyboard (Similar to Lenovo Thinkpad E490) |  |  |  |
| **21** | Projector |  |  |  |
| **22** | Monitor Screen 27 inch |  |  |  |
| **23** | Laptop Internal Battery (Similar to Original lenovo Thinkpad E15) |  |  |  |
| **24** | Laptop Keyboard Similar to (lenovo Thinkpad E15) |  |  |  |
| **25** | Laptop Internal Battery (Similar to lenovo Thinkpad E15) |  |  |  |
| **26** | Laptop Keyboard Similar to (lenovo Thinkpad E15) |  |  |  |
| **27** | Live Drive (Hard Drive) - for Network Storage |  |  |  |
| **28** | RAM, DDR3L 8 GB for desktop |  |  |  |
| **29** | RAM, DDR4 8GB for laptop |  |  |  |
| 30 | Mouse Pad good quality |  |  |  |

| **LOT 2**  Printers/Scanner/Copier | | | | |
| --- | --- | --- | --- | --- |
| **1.**  **Item Number** | **2.a**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks, ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| 1 | Printer B/W (similar toHP Leaserjet 404 dn B/W Printer - 1 in 2) |  |  |  |
| 2 | Printer B/W (Similar to HP leaserjet 479 fdn Color Printer 3 in 2) |  |  |  |
| 3 | Printer B/W (Similar to HP Leasjerjet 521 fdn B/W Printer 3 in 2) |  |  |  |
| 4 | Printer B/W (Similar to HP M612dn) |  |  |  |
| 5 | Scanner Scanner (Similar to HP 4500 fn) |  |  |  |
| 6 | Color Printer (Similar to Color Printer Epson L806) |  |  |  |
| 7 | Copier Similar to (Ricoh Copier IM 3501) |  |  |  |
| 8 | Digital Attendance Fingerprint (Similar to ZKTeco-UA301) |  |  |  |
| 9 | Digital Attendance Similar to (Digital Attendance X face pro) |  |  |  |
| 10 | Card Printer (Similar to Zebra ZC300) |  |  |  |
| 11 | Printer Ribbon (Similar to Zibra ZC300 printer Ribbon) |  |  |  |
| 12 | Lable Printer |  |  |  |

| **LOT 3**  Toner/Cartridge | | | | |
| --- | --- | --- | --- | --- |
| **1.**  **Item Number** | **2.a**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks, ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| 1 | Toner 55A - 100% Original |  |  |  |
| 2 | Toner 37A - 100% Original |  |  |  |
| 3 | Toner 79A - 100% Original |  |  |  |
| 4 | Toner 83A - 100% Original |  |  |  |
| 5 | 404 dn Toner 100% Original |  |  |  |
| 6 | 30A Toner 100% Original |  |  |  |
| 7 | 30A Toner High Quality |  |  |  |
| 8 | 85A Toner - 100% Original |  |  |  |
| 9 | Toner 59A - 100% Original |  |  |  |
| 10 | Toner 59A - High Quality |  |  |  |
| 11 | Toner 55A - High Quality |  |  |  |
| 12 | Toner 37A - High Quality |  |  |  |
| 13 | Toner 79A - High Quality |  |  |  |
| 14 | Toner 83A - High Quality |  |  |  |
| 15 | Color Printer Toner 100 Origianal (Similar to HP Laserjet Pro 479 Color Set) |  |  |  |
| 16 | 404 dn Toner High Quality |  |  |  |
| 17 | 85A Toner - High Quality |  |  |  |
| 18 | Copier Toner 100% Original |  |  |  |
| 19 | Copier Toner High Quality |  |  |  |
| 20 | Color Printer Ink (Similar to EPSON - Printer ink L6171) |  |  |  |
| 21 | Leble Printer Cassete 12mm |  |  |  |
| 22 | Leble Printer Cassete 18mm |  |  |  |
| 23 | Color Printer ink (Similar toEPSON - Printer ink L805) |  |  |  |

| **LOT 4**  Cable & Tools | | | | |
| --- | --- | --- | --- | --- |
| **1.**  **Item Number** | **2.a**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks, ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| 1 | HDMI 4K Cable 5m |  |  |  |
| 2 | HDMI 4K Cable 3m |  |  |  |
| 3 | HDMI 4K cable 10m |  |  |  |
| 4 | HDMI 4K cable 20m |  |  |  |
| 5 | HDMI 4K cable 1m |  |  |  |
| 6 | HDMI 4K cable 1.5m |  |  |  |
| 7 | HDMI to VGA Converter - Original |  |  |  |
| 8 | HDMI to Type-C converter |  |  |  |
| 9 | USB to RJ45 Converter (Similar to UGREEN) |  |  |  |
| 10 | USB to RJ45 Converter |  |  |  |
| 11 | USB to SATA Converter |  |  |  |
| 12 | USB to HDMI Converter |  |  |  |
| 13 | Dell Laptop Charger - Original |  |  |  |
| 14 | Power Cable for Printer - Original |  |  |  |
| 15 | USB Cable for Printer - Original |  |  |  |
| 16 | Power Cable for Laptop - Original |  |  |  |

| **LOT 5**  Network System | | | | |
| --- | --- | --- | --- | --- |
| **1.**  **Item Number** | **2.**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks, ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| 1 | Cat 6 UTP Cable |  |  |  |
| 2 | Zyxel USG Flex50 router |  |  |  |
| 3 | Zyxel USG Flex100 router |  |  |  |
| 4 | Zyxel Swithch GS1920 Series 48P PoE |  |  |  |
| 5 | Zyxel Swithch GS1920 Series 24P PoE |  |  |  |
| 6 | Zyxel Swithch GS1920 Series 8P PoE |  |  |  |
| 7 | [Injector PoE12-30W/Poe12-60W](https://www.zyxel.com/global/en/products/switch/25g-poe-injector-poe12-30w/specifications) |  |  |  |
| 8 | Patch Panel 48 P original |  |  |  |
| 9 | Patch Panel 24 P original |  |  |  |
| 10 | cable manager 2U |  |  |  |
| 11 | cable manager 1U |  |  |  |
| 12 | Network Rack 8U |  |  |  |
| 13 | Patch cord 0.5M |  |  |  |
| 14 | Patch cord 1M |  |  |  |
| 15 | crypming tools |  |  |  |
| 16 | Punching Tools |  |  |  |
| 17 | Network Rack 6 U |  |  |  |
| 18 | 4TB Network NAS |  |  |  |

| **LOT 6**  Other Tools | | | | |
| --- | --- | --- | --- | --- |
| **1.**  **Item Number** | **2.**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks, ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| 1 | DVD WR Original |  |  |  |
| 2 | Projector Pointer / Slide Changer |  |  |  |
| 3 | Projector Ceiling mount |  |  |  |
| 4 | USB hub USB3 |  |  |  |
| 5 | SSD Drive Reader/Box - USB3 |  |  |  |
| 6 | SSD MV2 Drive Reader/Box USB3 |  |  |  |
| 7 | Mini UPS for Wireless AP |  |  |  |
| 8 | Computer Cleaner |  |  |  |
| 9 | Network Tools Box |  |  |  |
| 10 | Computer Dust Spry - Original |  |  |  |
| 11 | Laptop Repairing Tools box |  |  |  |
| 12 | SSD Hard Disk Drive 1TB |  |  |  |
| 13 | laptop Bag Coolbell CB7007 |  |  |  |
| 14 | Air fan for cleaning Blower |  |  |  |
| 15 | UPS for Server Room |  |  |  |
| 16 | USB Flash Drive 32 GB |  |  |  |

| **LOT 7**  **Softwares** | | | | |
| --- | --- | --- | --- | --- |
| **1.**  **Item Number** | **2.**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks, ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| 1 | Microsoft Office 2021 Pro |  |  |  |
| 2 | Microsoft Office 2019 Pro |  |  |  |
| 3 | Adobe DC Editor |  |  |  |
| 4 | Slide Changer Logitic |  |  |  |
| 5 | RJ45 to USB/Mini USB |  |  |  |
| 6 | Blower In/out |  |  |  |
| 7 | Group Video Conferencing Kit |  |  |  |

| **LOT 8**  **Security Camera - DVR** | | | | |
| --- | --- | --- | --- | --- |
| **1.**  **Item Number** | **2.**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks, ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| 1 | NVR 32 Channel - with 12MP support (Similar to Hikvision) |  |  |  |
| 2 | 4TB Survliance Drive |  |  |  |
| 3 | 8TB Survliance Drive |  |  |  |
| 4 | 10TB Survliance Drive |  |  |  |
| 5 | HDMI Extender + Complete Tool |  |  |  |
| 6 | HDMI Hub 8 port |  |  |  |
| 7 | Coxial Cable 1 Roll for Camera |  |  |  |
| 8 | Pipe Khartomi Good Quality |  |  |  |
| 9 | TV 55 inch (Similar toSamsung UA7000) |  |  |  |
| 10 | TV 65 inch (Similar to Samsung UA7000) |  |  |  |
| 11 | TV Wall Mount |  |  |  |
| 12 | Channel/Duct 4 inch |  |  |  |
| 13 | Channel/Duct 2 inch |  |  |  |
| 14 | Channel/Duct 6 inch |  |  |  |
| 15 | USB Extender |  |  |  |
| 16 | Projector Wall screen |  |  |  |
| 17 | HDMI Extender power adapter 12V |  |  |  |
| 18 | HDMI Splitter 4 Port Green Pack |  |  |  |

| **LOT 9**  **Phone Tools** | | | | |
| --- | --- | --- | --- | --- |
| **1.**  **Item Number** | **2.**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks, ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| 1 | Mobile charging Cable Best Quality (Similar to USB to Mini USB KONFULON) |  |  |  |
| 2 | Mobile Charging Adapter USB Best Quality (Similar to KONFULON) |  |  |  |
| 3 | Mobile charging Cable Best Quality (Similar to USB to Type C KONFULON) |  |  |  |
| 4 | Mobile Charging Adaptor Type C Best Quality (Similar to KONFULON) |  |  |  |
| 5 | Mobile Phone Glass (Similar to Samsung Galaxy A32) |  |  |  |
| 6 | Mobile Phone Glass (Similar to Samsung Galaxy A34) |  |  |  |
| 7 | Mobile Phone Cover (Similar to Samsung Galaxy A32) |  |  |  |
| 8 | Mobile Phone Cover (Similar to Samsung Galaxy A34) |  |  |  |

| **LOT 10**  **Laptops** | | | | |
| --- | --- | --- | --- | --- |
| **1.**  **Item Number** | **2.**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks, ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| 1 | Laptop processor i7 12th generation or above RAM 16GB Hard drive SSD 512GB Windows 10/11 Pro life time license  14" FHD Screen **(Similar toLenovo E14 Gen 4)** |  |  |  |
| 2 | Laptop processor i5 12th generation or above RAM 16GB Hard drive SSD 512GB Windows 10/11 Pro life time license  14" FHD Screen **(Similar toLenovo E14 Gen 4)** |  |  |  |
| 3 | Laptop  processor i7 12th generation or above RAM 8GB Hard drive SSD 512 GB Windows 10/11 14" FHD Screen **(Similar toLenovo E14 Gen 4)** |  |  |  |
| 4 | Laptop processor i5 12th generation  RAM 8GB Hard drive SSD 512 GB Windows 10/11 Pro life time license  14" FHD Screen **(Similar toLenovo E14 Gen 4)** |  |  |  |

| **LOT 11**  **Camera & Accessrioes** | | | | |
| --- | --- | --- | --- | --- |
| **1.**  **Item Number** | **2.**  **Specifications Required** | **3.**  **Specifications Offered** | **4.**  **Notes, remarks, ref to documentation** | **5.**  **Evaluation Committee’s notes** |
| 1 | 8MP IR Bullet WizMind Network Camera 4k |  |  |  |
| 2 | 8MP IR Dome WizMind Network Camera 4k |  |  |  |
| 3 | 8MP IR Bullet WizMind Network Camera 4k |  |  |  |
| 4 | 8MP IR Bullet WizMind Network Camera 4k |  |  |  |
| 5 | 12MP IR Bullet WizMind Network Camera 4k |  |  |  |
| 6 | 12MP IR Dome WizMind Network Camera 4k |  |  |  |
| 7 | 12MP IR Bullet WizMind Network Camera 4k |  |  |  |
| 8 | 12MP IR Bullet WizMind Network Camera 4k |  |  |  |
| 9 | 8MP IR Dome WizMind Network Camera 4k |  |  |  |
| 10 | 12MP IR Dome Network Camera 4k |  |  |  |
| 11 | 12MP IR Bullet Network Camera 4k |  |  |  |
| 12 | 8MP AcuSense Built-in Mic Fixed Dome Network Camera 4k |  |  |  |
| 13 | 8MP ColorVu Fixed Bullet Network Camera 4k |  |  |  |
| 14 | 8MP AcuSense Fixed Bullet Network Camera 4k |  |  |  |
| 15 | 12MP AcuSense Built-in Mic Fixed Dome Network Camera 4k |  |  |  |
| 16 | 12MP ColorVu Fixed Bullet Network Camera 4k |  |  |  |
| 17 | 12MP AcuSense Fixed Bullet Network Camera 4k |  |  |  |
| 18 | 4k HDCVI Technology |  |  |  |
| 19 | NVR Dahua (Similar to NVR4232-4KS2/L with 12MP support) |  |  |  |
| 20 | [NVR](https://www.dahuasecurity.com/products/All-Products/Network-Recorders/Pro-Series/NVR5-Series/4HDD/NVR5416/5432/5464-4KS2) (Similar to [NVR5416/5432/5464-4KS3](https://www.dahuasecurity.com/products/All-Products/Network-Recorders/Pro-Series/NVR5-Series/4HDD/NVR5416/5432/5464-4KS2)) |  |  |  |
| 21 | XVR (Similar to DH-XVR-5232AN-I4) |  |  |  |
| 22 | HDTV to HDMI Converter |  |  |  |
| 23 | VGA to HDMI Converter |  |  |  |