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

**Contract title: Supply of IT Hardware and Software p 1 /…**

**Publication reference:** KSCR/PROC/2023-2025/1160

**Columns 1-2 should be completed by the contracting authority**

**Columns 3-4 should be completed by the tenderer**

**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 identify precisely 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.

**Refurbished items:**

Refurbished items are permitted to be offered in the following circumstances and under the following conditions:

* Refurbished items can only be offered for products that are discontinued
* If the offered item is refurbished it but must be clearly indicated in **Specifications Offered**
* Any offered refurbished equipment is to be delivered with same warranty as new products.

**Warranties:**

Manufacturer warranties:

* Minimum warranty for consumables and equipment: 1 Year
* Minimum warranty for computers, monitors, and network devices: 3 years

(Additional) Commercial warranties:

* As per the requested tenderer’s offer for after-sales, as part of their technical proposal.

**Delivery:**

Timely delivery of supplies: DDP to the KSC, The Hague, the time limits for delivery will be specified in each and every individual Order form. Delivery delays to be announced, and approved, in writing, and in advance of the delivery deadline, in order to remain eligible for regular and undisputed payment.

| **1.****Item number** | **2.****Specifications required** | **3.****Specifications offered** | **4.** **Notes, remarks, ref to documentation** | **5.****Evaluation committee’s notes**  |
| --- | --- | --- | --- | --- |
| 1 | *VARONIS – licenses for 450 users*DAW-501-750 - OS DatAdvantage for Win On-Prem DADS-501-750 - OS DatAdvantage DS On-Prem DLS-501-750 - OS DataAlert Suite On-Prem CL-1-5OS - DAT Collector license  |  |  |  |
| 2 | *600 x MS E5 license and MS 365 tenant* [scpks.onmicrosoft.com]Including:* 25 x Microsoft 365 Exchange Online Plan 2
* 2 x MX3-00115 [Microsoft® Visual Studio Enterprise MSDN All Languages License & Software Assurance]
 |  |  |  |
| 3 | SD Card 32Gb Micro SDHC Class 10 |   |  |  |
| 4 | Clean Room Sticky Mats White 18" x 36" |  |  |  |
| 5 | Anti Static Bags 305x406mm |  |  |  |
| 6 | Microsoft Surface Pro 8 4G LTE - 256 GB – Platina (or equivalent)13 inch touchscreen (2880 x 1920)Intel® Core™ i7-1185G7 processor16 GB werkgeheugen256 GB SSDIntel® Iris™ Xe Graphics (onboard) |  |  |  |
| 7 | 1 x Supermicro SuperChassis 947HE2C-R2K05JBOD P/N: CSE-947HE2C-R2K05JBOD (or equivalent)1 x MegaRAID 9580 PCIe 4 AOC-SAS3-9580-8I8E(x1)10 x 14TB / 14000GB SEAGATE EXOS X X14, 512E, SATA, 6GB/S ST14000NM0018 |  |  |  |
| 8 | Fiber Optic Patch cable LC/LC, 50/125, 5m |  |  |  |
| 9 | Backup tapes LTO8 |  |  |  |
| 10 | Replacement battery cartridge, Compatible with APC Smart-UPS 230/380V 10kVA and 8kVA, contains 2 battery modules (Equivelant to APCRBC140) |  |  |  |
| 11 | Wireless Laser Barcode Scanner Connectivity Cordless; Connection USB; Communication Range less than 33 ft; Scanner Type Imager; Form Factor Handheld; Scanner Capability 1D; Scan Pattern LED Beam; Included Cables USB; Communication Type Bluetooth; Ruggedness General Purpose; Rechargable  |  |  |  |
| 12 | Colour Barcode Printer, 4.25” max. width, USB and Ethernet RJ45 connectivity.  |  |  |  |
| 13 | Barcode labels , 4.25” max. width, B/W |  |  |  |
| 14 | Power adapter for Lenovo T440p (FRU/PN 45N0499) |  |  |  |
| 15 | Rechargeable Li-ion 57+ Battery for Lenovo T440p, output voltage 10.8V, compatible with FRU 45N1769 |  |  |  |
| 16 | **HDMI to SDI converter (x2)**[AJA OG-Ha5-4K](https://www.fofic.nl/og-ha5-4k-4k-hdmi-to-4x3g-sdi-69371327.html) **(or equivalent)**Four 3G-SDI outputs, the openGear compatible OG-HA5-4K enables high quality conversion of HDMI 2.0 video from DSLRs, mirrorless cameras, action cameras, or prosumer 4K video cameras to 4K/UltraHD 3G-SDI for use in professional workflows. openGear compatible card. Supports HDMI 2.0 up to 60p4x 3G-SDI outputsHDR Info.frame analysis. Embedded audio support. Use with openGear 2RU frames including AJA's OG-3-FR frame. |  |  |  |
| 17 | Stacking and 10GE CX4 Cables HP, type 44477-B23 or compatible; |  |  |  |
| 18 | SFP+ TenGigabit Ethernet modules HP, type type 455883-B23 or compatible; |  |  |  |
| 19 | Raid Controller Backup Battery HP server, type 462969-B21 or compatible; |  |  |  |
| 20 | SDI to HDMI converters (x2)[AJA OG-Hi5-4K](https://www.fofic.nl/og-hi5-4k-plus-4x3g-sdi-to-hdmi-20-with-4-69371330.html) (or equivalent)OpenGear compatible card.4x 3G-SDI inputs. Support for 4:2:2/4:4:4 HDMI 2.0 output. HDR support for HDR 10 and HLG. Embedded audio support  |  |  |  |
| 21 | Up, down, cross-converter (x2)AJA OG-UDC (or equivalent)10-bit broadcast quality up, down, cross-converter that bridges HD and SD video resolutions. The OG-UDC provides 3G-SDI input and output, HDMI output and two 3-pin terminal block connectors for analog audio Outputs. OpenGear compatible card. Supports 1080p50/60.2x 3-Pin Terminal Block connectors (included).16-channel embedded SDI audio input and output. Use with openGear 2RU frames including AJA's OG-3-FR frame. Reference Input |  |  |  |
| 22 | SFF HDD 900GB, 6Gbps SAS, 10000rpm, (new or refurbished, compatible with HP MSA2040 and D2700) **in bracket with status indicator.** |  |  |  |
| 23 | HDMI 2.0 to SDI Converters with looping input and dual output and built-in Interlacer for 1080p Input / 1080i output (x5)Apantac LLC OG-DA-HDTV-SDI-UHD (or equivalent) |  |  |  |
| 24 | 900GB 10K 6Gbps SAS 2.5-inch SFF Hot-Swap hard drive, new or refurbished, compatible with IBM System X |  |  |  |
| 25 | 32GB Single Rank x4 DDR4-2400 CAS-17-17-17 Registered Memory Kit, refurbished or compatible with HP DL380 |  |  |  |
| 26 | Encrypted USB stick, 10 Buttons, 8/16/32/64 GB, USB 3.x, Military grade Full-disk AES 256-bit CBC Hardware Encryption, Crypto-parameters protected with SHA-256 hashing, Tamper evident and resistant, Auto-lock on removal, PIN activated 7-15 digits, numeric keypad, Brute Force Hack Defence Mechanism, Dust and water resistant housing certified to IP57 rating, Supports Admin and User independent PINs, No software or drivers required, USB powered, DataShure or Equivalent |  |  |  |
| 27 | 1 yr post warranty Next Business Day onsite HW Support w/Defective Media Retention for Desktops (HP710PE) |  |  |  |
| 28 | 1 yr post warranty Next Business Day onsite HW Support w/Defective Media Retention for Cisco Network Appliances |  |  |  |
| 29 | Switch Cisco WS-C3850-12XS (or compatible) |  |  |  |
| 30 | Power Supply for WS-C3850-12XS (or compatible) |  |  |  |
| 31 | Switch WS-C2960X-48FPD-L, switch, 48 x Gigabit, PoE, 2x SPF+, 740W (or compatible) |  |  |  |
| 32 | DWDM Glass Fiber Multiplexer 8 Channel (passive) |  |  |  |
| 33 | DWDM SFP, SPF+ tranceivers coded for HP, Cisco, EMC |  |  |  |
| 34 | SFP Fibrechannel 4G modules for Cisco, HP |  |  |  |
| 35 | IBM Server power supply 900W, new or refurbished, compatible with IBM x3500 (PN: 94Y8066) |  |  |  |
| 36 | Microphone Wireless System for Dynamic Microphone XLR transmitter and receiver.works with any dynamic/Harmonic microphone or battery-powered condenser microphones. plug-on, turn your favorite Mics into wireless MicsRechargeable batteries with up to 5 hours of battery life or both receiver and transmitter unitsUtilizing the 2.4GHz wireless band, With its high dynamic range and wide frequency response, you're assured high-quality audioUp to 90 feet of wireless range (dependent on environmental factors)Broadcasts on 6 channels simultaneously, and is suitable for live vocals, presentations, video productions, and houses of worship(Comparable or equivalent to Xvive U3) |  |  |  |
| 37 | 37.5” Computer monitor  Display diagonal: 95.2 cm (37.5 ")Resolution: 3840 x 1600 pixelsHD type: Ultra-Wide Quad HD +Display technology: IPSDisplay: LEDDisplay surface: MattResponse time: 5 ms Brightness: 300 cd / s m²Native aspect ratio: 21: 9Viewing angle, horizontal: 178 °, vertical: 178 ° Built-in speakersBuilt-in USB hubUSB hub version: USB 3.0 (3.1 Gen 1)Color of product: Black(Comparable or equivalent product: DELL UltraSharp U3818DW 37.5" Ultra-Wide Quad HD+ IPS Mat black computer monitor LED display) |  |  |  |
| 38 | Mobile printer Portable inkjet colour printerInput tray capacity: 50 sheets.Media type: A4, A5, A6, Letter. Print resolution: 600dpi. USB connectivity. |  |  |  |
| 39 | Black tonner suitable for HP M880 |  |  |  |
| 40 | WeTransfer Pro 1 year license |  |  |  |
| 41 | Behringer WING 48-Channel Full Stereo Digital Mixer |  |  |  |
| 42 | Native Instruments Komplete 14 Ultimate Coll. Ed. Plugin collection |  |  |  |
| 43 | Crestron Digital Media SwitcherDM-MD128x128 DigitalMedia Switcher128X128 DigitalMedia Switcher in rack mountable chassis including the following in and output blades:5 x Crestron DM-PSU-3X8-RPSPod + Redundant Power supply for DM 8G+ I/O Blades10 x Crestron DMB-4k-I-HD8-Channel 4K HDMI® Input Blade for DM Switchers10 x Crestron DMB-4K-O-HD8-Channel 4K scaling HDMI® output Blade for DM Switchers5 x DMB-4K-O-C output bladesChannel DigitalMedia 8G™ output Blade for DM Switchers |  |  |  |
| 44 | **Telemetrics Robotic Camera Control Panel**RCCP-2A [ 1 unit]Totally user configurable control surface, supports complex automated key-frame based motion paths, snapshot thumbnails for shot presets, single operator can now maneuver multiple Camera,s Built in Camera ControlsFeatures all camera painting and shading tools to natively support broadcast cameras without requiring a separate camera control unit (CCU), including those from: Canon, Grass Valley, Hitachi, Ikegami, JVC, Panasonic ,Sony, and TelemetricsUniversal Connectivity & 3rd Party Supportmust also supports camera tally and compatibly with a broad range of video routers, audio mixers, production switchers, character generators, and mic systems from a wide variety of manufacturers. |  |  |  |
| 45 | **Bosch CCU 2** (or equivalent)*1 unit*The Central Control Unit (CCU) includes features for controlling wired and wireless delegate microphones,distributing simultaneous interpretation and conducting voting sessions, all without an operator.- For DCN Next Generation or DCN wireless systems,or a combination of the two- In single‐CCU; maximum 245 wired contribution units, plus 245 wireless delegate units- For multi‐CCU systems, with up to 30 CCU’s and a total of 4000 contribution units- Voice activated microphone mode for wired and wireless systems- Ethernet connection for configuration and control computers |  |  |  |
| 46 | **Brahler Digital Interpreter Console DOLV** (or equivalent)digital interpreter console for one interpreter*1 unit*- Loudspeaker with integrated channel selector to monitor all languages- Up to 32 channels (Floor + 31 languages)- Modern and sophisticated design with braille engraving- Low susceptibility to mobile phone interference- Five pre-selectable Relay channels and one Original- Number of DOLV in one booth is unlimited- High quality audio |  |  |  |