##### **بسم الله الرحمن الرحيم**



# **Jordanian Royal medical services**

**Directorate Royal Medical Informatics Technology**

**Here is the summarization of our needs to buy for our military hospitals for each:**

**( Irbid, al-zarka’ and Amman )**

**The summarization was done in quantities and the following features:**

**1.1 Personal Computer System QTY (81)**

|  |  |
| --- | --- |
| **Operating system** | * Free Dos OS
* Certified & Compatible with Windows 10
 |
| **Form Factor** | * Mini Desktops **(**SFF or Microtower not accepted-The Case should mount behind the monitor)
 |
| **Processor** | * Intel® Core™ i7-10700T (2 GHz Up To 4.5Ghz ,16MB cache, 8 Core)
 |
| **Chipset** | * Intel Q470 –Vpro
 |
| **Memory** | * 2 DIMM Slots
* 8GB DDR4-2666 SODIMM (1x8GB) RAM
 |
| **Storage** | * 500 GB SSD
 |
| **Video**  | * Integrated HD Graphics card
* VGA, DVI Port, or HDMI Port
 |
| **Audio** | * Integrated Audio card
* Stereo Headphone/Microphone combo jack
 |
| **Network**  | * WLAN 802.11 a/g/n
* 100/1,000 MBit/s Giga Network
* Wake on LAN
 |
| **Power** | * 220 volt 50Hz Power Supply with UK Plug
* Power Cable **must** be Y Type (UK Plug (2M length) to 2 x IEC C13 sockets or the compatible socket with the devices (0.5m length), the cable will be used to connect the PC and the display unit to a single power source and must be compatible with the PC & Display unit power connectors.
 |
| **Mounting**  | * Mounting Kit to mount the PC unit on the screen
 |
| **Keyboard** | * Arabic & English imprinted USB Keyboard
 |
| **Mouse** | * USB optical Scroll Mouse with pad
 |
| **USB Ports** | * 6 USB ( 5 Type-A +1 USB Type-C ),1 RJ-45 ,1 HDMI ,1 DP,

 1 Audio in ,1 Audio out  |
| **Optical drive**  | * DVD R/W.
 |
| **Display** | * 21" LED Monitor with similar input to the proposed Graphics output.
 |
| **Security** | * Chassis lock slot
 |
| **Brand/Country of origin** | * USA, Europe, or Japan Only
* Or, Company is one of the top 5 PC Market share leaders in 2019.
 |
| **Warranty** | * 3 Year Hardware Service with 3 Year Next Business Day Onsite Service.
 |
| **Installation Services** | * Hardware and Software Onsite installation service (OS Image will be provided by EHS)
 |
| **Others** | * System Unit, Chassis, Motherboard, Monitor, Mouse and Keyboard are Same Brand
 |

**1.2 Laser Printers Systems QTY (30)**

|  |  |
| --- | --- |
| **Print speed black (normal, A4)** | Up to 50 ppm |
| **Print technology** | Laser |
| **First Page out time** | As fast as 8 sec |
| **Resolution** | Up to 1200 x 1200 dpi |
| **Duty cycle (monthly, A4)** | Up to 50,000 pages |
| **Connectivity** | 1 hi-speed USB 2.0 port, gigabit Ethernet 10/100 or higher and wireless network interface |
| **Network Ready** | Standard (built-in Ethernet) |
| **System memory** | 512 MB |
| **Doublesided Printing** | Automatic duplex |
| **Paper Trays** | 2 |
| **Paper handling standard, input** | 50-sheet multipurpose tray 1, 250-sheet input tray 2 |
| **Paper handling standard, output** | 150-sheet output bin |
| **Standard Media Sizes** | A4; A5; A6 |
| **Software** | Remote monitoring software |
| **Installation Services** | Onsite installation service shall be provided by vendor based on EHS requirements and terms |
| **Others** | All drivers and utilities should be included , USB cable |
| **Warranty** | **Three years** warranty including labor and spare parts |
| **Compatibility with HAKEEM Program applications** | If not tested before a test unit should be provided |

**1.3 Wristband Printers Systems QTY (3)**

|  |  |
| --- | --- |
| Print method | Direct thermal only. |
| Resolution | at least 203 dpi/8 dots per mm. |
| Memory | (Min): 4 MB Flash, 8 MB DRAM. |
| Standard Features | Must be Instant Media Calibration – No Wasted media |
| Fonts | “SWI000.fnt” font must be installed at printer memory card |
| Programming Language: | Compatible with ZPL. ZPL II, EBL |
| Charactering Coding | UTF 8 |
| Connectivity | Option 1: Internal Ethernet Card and USB 2.0 |
| Wristband | The printer shall be manufactured for Wristband and certified by manufacturer for that purpose  |
| Consumables  | The vendor shall propose the wristband media / rolls / cartridges options that match medical use purposes within the offer. Media cost will be used to calculate the TCO of the printer. |
| Warranty | **Three years** warranty and on-site support |
| Compatibility with HAKEEM Program applications | If not tested before a test unit should be provided |

**1.4 Scanners Approved List QTY (3)**

Below is the list of scanners which compatible with our system:

* Fujitsu fi-7140
* Fujitsu fi-7240
* Fujitsu fi-7160
* Fujitsu fi-7260

**1.5 Label Printers Systems QTY (30)**

|  |  |
| --- | --- |
| Printer Classifications  | * Industrial Printer.
 |
| Print methods | * Direct thermal and Thermal transfer.
 |
| Resolution | * At least 203 dpi/8 dots per mm.
 |
| Memory | * (Min): 4 MB Flash, 8 MB DRAM.
 |
| Standard Features | * LCD control panel.
 |
| Media Sensor | * Transmissive and reflective sensing sensors.
 |
| Programming Language: | * Compatible with ZPL. ZPL II, EBL
 |
| Charactering Coding | * UTF 8
 |
| Languages | * Printer must support and include Arabic language
 |
| Connectivity | * Internal Ethernet Card, **and** USB 2.0
 |
| Accessories | * USB 2.0 Cable 2 m length, Power Cord UK type fused
 |
| Software | * Remote monitoring software
 |
| Power | * AC 100-240 V
 |
| Installation Services | * Onsite installation service shall be provided by vendor based on EHS requirements and terms
 |
| Warranty | * Three years warranty and on-site support
 |
| Compatibility with Hakeem Program Applications | * If not tested before a test unit should be provided
 |

|  |  |
| --- | --- |
| **Scan Element Frequency** | 50Hz |
| **Scan Rate** | 100 Scan second typical |
| **Port** | USB |
| **Stand** | Not required |
| **Warranty** | Three Years warranty and support |
| **Compatibility with Hakeem** | Proposed unit must be compatible with EHS applications and labels |

**1.6 Barcode Scanners Systems QTY (30)**

**1.7 Workstations Systems QTY (6)**

|  |  |
| --- | --- |
| Processor | Intel Xeon E3-1225 v5 (3.3 GHz, 8 MB cache, 4 cores) |
| Chipset  | Intel C236 |
| Memory | 16 GB DDR4-2133 ECC SDRAM- 4 DIMM Slots |
| Networking | Intel 10GbE NIC, Dual Port, |
| Video Card | Intel HD Graphics P530 |
| Expansion Slots | 1 PCIe Gen3 x16 |
| 1 PCIe Gen3 x4 (x4 connector) |
| 1 PCIe Gen3 x4 (x16 connector) |
| 1 PCIe Gen3 x1 |
| Must support all below cards: |
| * NVIDIA Quadro K420 (2 GB)
* NVIDIA NVS 310 (1 GB);
* NVIDIA NVS 315 (1 GB);
* NVIDIA NVS 510 (2 GB)
* AMD FirePro W2100 (2 GB);
* NVIDIA Quadro K420 (2 GB);
* NVIDIA Quadro K620 (2 GB)
* NVIDIA Quadro K2200 (4 GB);
* AMD FirePro W5100 (4 GB)
* AMD FirePro W7100 (8 GB);
* NVIDIA Quadro M4000 (8 GB)
 |
| Storage | 2 ×256GB SATA 6Gb/s SSDRAID 1 |
| Optical Storage | DVD +/-RW DL Super Multi |
| USB Ports | 5 USB Ports & 1 DVI-I single link |
| Audio | Integrated Audio card |
| Stereo Headphone/Microphone combo jack |
| Display | Min 23” LED screen professional display  |
| Security | Chassis lock slot |
| Brand/Country of origin | USA, Europe, or Japan OnlyOr, Company is one of the top 3Workstations Market share leaders in 2019 |
| Warranty | 5 Years Hardware Service with 5 Years Next Business Day Onsite Service. |
| Installation Services | Hardware and Software Onsite installation service (OS Image will be provided by EHS) |
| Others | System Unit, Chassis, Motherboard, Monitor, Mouse and Keyboard are Same Brand |

**1.8 Business Laptops System QTY (33)**

|  |  |
| --- | --- |
| **Laptop Type** | * Business – Enterprise laptop
 |
| **Operating system** | * Free Dos OS
* Certified windows 10
 |
| **Processor** | * 11th generation Intel Core i7-1165G7 processor with Intel Iris Xe Graphics (up to4.7 GHz ,12 MB L3 cache, 4 cores)
 |
| **Memory** | * 8GB (1x8GB) DDR4 3200
* 2 SODIMM
* Expandable to 32 GB DDR4-3200
 |
| **Storage** | * 1TB NVMe Three layer cell Solid State Drive
 |
| **Video** | * Integrated HD Graphics card 720 webcam
 |
| **Audio** | * Integrated Audio card
* Stereo Headphone/Microphone combo jack
 |
| **Network** | * Intel Wireless 802.11 AC 2x2
* 10/100/1000 Gigabit Ethernet
 |
| **Ports** | * 1 USB 3.1 Type –c Gen 2 (power delivery , displayport)
* 3 USB 3.1 Gen 1 (1 charging ,1 powered port)
* 1 HDMI 1.4 b
* 1 RJ-45
* 1 micro SD card Reader
* Supports SD, SDHC,SDXC
 |
| **Optical drive**  | * DVD R/W.
 |
| **Display** | * 15.6" LED FHD SVA Anti-Glare (1920x1080)
 |
| **Battery** | * 3 Cell 48 WHr Long Life, up to 12 hours and 30 minutes
 |
| **Power adapter** | * 65 watt smart nPFC AC Adapter
 |
| **keyboard** | * Hp click pad with numeric keypad spill –resistant ARAB
 |
| **Case** | * Professional Business Case.
 |
| **Others** | * Trusted Platform Module Certified (TPM)
* All drivers included and all H/W is compatible with 64 bit
 |
| **Warranty** | * Three years Hardware Service with 3 Years Next Business Day Onsite Service Support.
 |
| **Brand of Origin** | * USA, Europe and Japan brand or manufacturing only
* Or, Company is one of the top 3laptop Market share leaders in 2019
 |

**1.9 (VoiceDictation microphone) QTY (6)**

* USB microphone without barcode scanner.
* Hand-held microphone that supports Power Scribe Speech Recognition software by Nuance.
* Features simplified, thumb-control operation (for dictating, editing, navigating, and reviewing documents using speech recognition)
* Programmable buttons
* Integrated mouse functionality

**1.10 High resolution monitor 4MP QTY(3)**

* Technology : TFT AMLCD Dual Domain IPS or equivalent
* Screen Size (Diagonal) : Minimum 28” (711 mm)
* Resolution : 4MP color
* Pixel Pitch : 0.2505 mm
* Viewing Angle Minimum : 170°
* Response Time : Maximum 25ms
* Brightness : Minimum 370 cd/m2
* Calibrated : Minimum 250 cd/m2
* DICOM Calibration : Automatic ,built in calibration
* Display Card: To be included and certified for the mentioned Monitor.
* Video Input : Dual Link DVI-D
* Power Requirements : 200-240 V

 Fan : Offered unit preferred to be fan-less

**الشروط الخاصة:**

* **كافة المواد المقدمة يجب ان تكون جديدة 100% وان يكون تــــــــاريخ الصنع ليس قبل عام 2020.**
* **أن تكون المواد معفاة من كافةالرسوم الجمركيه والضريبة العامة على المبيعات واية رسوم اوعوائد اخرى.**
* **يجب على الشركة بيان بلد المنشأ للأجهزة المعروضة.**
* **يسمح بتجزئة العطاء.**
* **تلتزم الشركة بتزويد القوات المساحة الاردنية بقطع الغيار اللازمة ولمدة عشر سنوات, بعد انتهاء الكفالة المجانية , مقابل الثمن حسب الاسعار السائدة في حينه.**
* **على الشركة توضيح كل مواصفة من مواصفات العطاء بعرضها وارفاق ما يثبت ( كتالوجات وعرض الشركة ) بأن المواصفة متوفرة بالاجهزة المقدمة و تقديم Compliant Sheet مع ذكر رقم الصفحة بالكتالوج و العرض , مقابل كل مواصفة.**
* **يجب بيان نوع وموديل الجهاز المقدم .**
* **تسليم وتركيب المواد كافة في الخدمات الطبية الملكيةفي الموقع الذي تقرره شعبة تكنولوجيا المعلومات الطبية .**
* **في حال استبدال القرص الصلب اثناء فترة الكفالة المجانية يتم استبداله بدون بديل وتحتفظ الخدمات الطبية الملكية بالقرص التالف.**
* **تلتزم الشركة المحال عليها العطاء بتنزيل كافة البرمجيات المطلوبة من ضمن العطاء .**
* **يجب ان تكون الاجهزة وكافة تفرعاتها اصلية BRAND NAMEوصالحة .**
* **تلتزم الشركة المحال بتقديم كامل المطلوب شامل التركيب والتشغيل (turn-key solution ) بدون ان تتحمل الخدمات الطبية الملكية اي التزامات مالية جديدة .**
* **الكفالة المجانية 3 سنوات على جميع المواد.**