**Item (1): Business Desktop QTY.: (130)**

|  |  |  |
| --- | --- | --- |
| No. | Feature | Minimum Specifications |
|  | Processor | 13th Generation Intel Core i7 processor (4.7 GHz, 25MB cache, 12 cores) |
|  | Form Factor | Tower  |
|  | Memory | 8 GB DDR5 |
|  | Hard Drive | 256 GB SSD (M.2) + 512GB 7200 RPM H.D |
|  | Optical Drive | DVD R/W |
|  | Display | 21" LED-Monitor (Same Brand) with HDMI, DP inputs  |
|  | Graphics | Integrated Intel UHD |
|  | Key Board | A/L USB Keyboard (Same Brand) |
|  | Mouse | USB Optical Mouse (Same Brand) |
|  | Audio | Integrated High Definition Audio  |
|  | Communication | Ethernet: Integrated (10/100/1000)  |
|  | Ports | 4 USB, 1 RJ-45 ,1 HDMI ,1 DP,1 Audio in ,1 Audio out, 1 USB Type-C |
|  | Power supply | 100 ~ 240 VAC, 50-60 Hz. |
|  | Others | Drivers, MK Power Cord and Display Cable |
|  | OS | Pre-installed Win 10 professional |
|  | Warranty | 3-Year Warranty Including Spare Parts and Labor |

**Item (2) : laser printer QTY.: (100)**

|  |  |  |
| --- | --- | --- |
| No. | Feature | Minimum Specifications |
|  | Type | monochrome |
|  | Technology | laser |
|  | memory | 512 MB |
|  | print Speed | 40 ppm |
|  | Connectivity | USB, Ethernet, Wi-Fi |
|  | Format | A4 |
|  | Duty cycle (monthly) | 80,000 pages |
|  | Others | driver, USB cable, MK Power Cord |
|  | Warranty | 3-years warranty including labor and spare parts |

**Item (3) : Color laser printer QTY.: (10)**

|  |  |  |
| --- | --- | --- |
| No. | Feature | Minimum Specifications |
|  | Type | color |
|  | Technology | laser |
|  | print quality (black & white) | 600\* 600 dpi |
|  | print Speed (black & white) | 30 ppm |
|  | memory | 512 MB |
|  | Connectivity | USB, Ethernet, Wi-Fi |
|  | Format | A4 |
|  | Others | driver, USB cable, MK Power Cord |
|  | Warranty | 3-years warranty including labor and spare parts |

**Item (4): Server QTY.: (2)**

|  |  |  |
| --- | --- | --- |
| No. | Feature | Minimum Specifications |
|  | Processor | Dual intel Xeon silver, 2.4 GHz, 24MB cache, 16 cores |
|  | Form Factor | Tower  |
|  | Memory | 64 GB DDR5 |
|  | Hard Drive | 3 x 1.92TB SSD SATA Read Intensive 6Gbps 512 2.5in Hot-plug AG Drive |
|  | Raid Controller | YES ( Raid 0,1,5) |
|  | Optical Drive | DVD R/W |
|  | Display | 23" LED-Monitor (Same Brand) with HDMI, DP inputs  |
|  | Key Board | A/L USB Keyboard (Same Brand) |
|  | Mouse | USB Optical Mouse (Same Brand) |
|  | Communication | 2x1 Gig ports, 2x10 Gig base-T ports |
|  | Ports | 4 USB, 1 RJ-45 ,1 (HDMI or VGA) Port ,1 DP |
|  | Power supply | dual |
|  | Others | Drivers, MK Power Cord and Display Cable |
|  | OS | Windows Server standard core 2022 SLng 16L  |
|  | Warranty | 3-Year Warranty Including Spare Parts and Labor |

**Item (5): NAS Storage QTY.: (1)**

|  |  |  |
| --- | --- | --- |
| No. | Feature | Minimum Specifications |
|  | Processor | Intel based processor |
|  | Memory | Min 8 GB |
|  | Protection | Protected from two hard disk failure. |
|  | Compatible drive type | SATA HDD & SATA SD. |
|  | storage | 10 TB Usable Capacity. |
|  | Communication | 2 x 1 GB RJ-45 port. |
|  | Power supply | dual |
|  | Warranty | 3-Year Warranty Including Spare Parts and Labor |

**Item (6): Tablet QTY.: (60)**

|  |  |  |
| --- | --- | --- |
| No. | Feature | Minimum Specifications |
|  | Processor | Cotex-A75 |
|  | Memory | 4 GB |
|  | storage | 64 GB |
|  | Display | 10"  |
|  | Camera | Main: 5MP, front: 2MP |
|  | battery | 5000 mAh |
|  | network | 4G LTE, 3G WCDMA |
|  | WiFi | 802.11 a,b,c,g,n Wireless 2.4G, 5G |
|  | Accessories | Charger with cable, **Desk holder** |
|  | Warranty | 3-Year Warranty Including Spare Parts and Labor |

**Item (7): Interactive Board**

|  |  |  |
| --- | --- | --- |
| No. | Item | Minimum Specifications |
| **Item (7.1) Smart Board, QTY.: (10)**  |
|  | Technology | Infrared (IR) |
|  | Effective Screen Size (cm) | 86 inch |
|  | Input  | Finger or Dry-Erase marker pen |
|  | Interface to Computer | USB 2 |
|  | Touch Feature  | ‘‘6-Touch’’ Feature, Finger-Driven Technology, Multi-Touch Features |
|  | OS Support  | Windows OS 10/11  |
|  | Warranty | 3 years  |
| **Item (7.2) Projector, QTY.: (10)**  |
|  | LCD size | 0.55" |
|  | Native Resolution | XGA |
|  | Brightness | 3500 ANSI lumens |
|  | Contrast Ratio | 15000:1 |
|  | Light Source Life | 5000/15000 |
|  | connectivity | HDMI, USB |
|  | Remote control | Included with Laser pointer |
|  | Warranty | 3 years |

**\*\* Item (7.1) & (7.2) should be compatible with each other**

**Item (8): computer laboratory**

|  |  |  |
| --- | --- | --- |
| No. | Feature | Minimum Specifications |
| **Item (8.1) Business Desktop, QTY.: (15)** |
|  | Processor | 13th Generation Intel Core i7 processor (4.7 GHz, 25MB cache, 12 cores) |
|  | Form Factor | Tower  |
|  | Memory | 32 GB DDR5 |
|  | Hard Drive | 512 GB SSD (M.2) + 1 TB 7200 RPM H.D |
|  | Optical Drive | DVD R/W |
|  | Display | 21" LED-Monitor (Same Brand) with HDMI, DP inputs  |
|  | Graphics | Integrated Intel UHD |
|  | Key Board | A/L USB Keyboard (Same Brand) |
|  | Mouse | USB Optical Mouse (Same Brand) |
|  | Audio | Integrated High Definition Audio  |
|  | Communication | Ethernet: Integrated (10/100/1000)  |
|  | Ports | 4 USB, 1 RJ-45 ,1 HDMI ,1 DP,1 Audio in ,1 Audio out, 1 USB Type-C |
|  | Power supply | 100 ~ 240 VAC, 50-60 Hz. |
|  | Others | Drivers, MK Power Cord and Display Cable |
|  | OS | Windows Server standard core 2022 SLng 16L  |
|  | Warranty | 3-Year Warranty Including Spare Parts and Labor |
| **Item (8.2) Thin client, QTY.: (300)** |
|  | Processor | AMD Ryzen (3.5 GHz, 2MB cache,4 cores) |
|  | Memory | 8 GB DDR5 OR DDR4  |
|  | storage | 128 GB Flash memory |
|  | Display | 21" LED-Monitor (Same Brand) with HDMI, DP inputs  |
|  | Ports | 2 USB Type-A, 1 USB Type-C, 1 HDMI, 1 RJ45, audio out |
|  | Communication | Ethernet (10/100/1000) |
|  | Key Board | Arabic/English |
|  | Others | Drivers, power adapter with MK plug  |
|  | Mounting bracket | Mounting bracket to mount the device behind the monitor |
|  | OS | Windows 10 IoT enterprise  |
|  | Warranty | 3-Year Warranty Including Spare Parts And Labor |
| **Item (8.3) Licenses, QTY.: (300)** |
|  | windows remote Desktops services CAL 2022 SLng UCAL |
|  | Windows server CAL 2022 SLng CAL |
| **Item (8.4) UPS, QTY.: (15)** |
|  | Rating | 10 KVA / 10 KW  |
|  | Technology | True online double conversion |
|  | Phase  | Single phase |
|  | Design | Tower |
|  | batteries | Sealed Lead Acid Maintenance-free Internal |
|  | Transfer Time | zero |
|  | Output Voltage  | 230 V + 3% |
|  | Power Factor | >0.99 @ 100% load |
|  | Backup time | 15 min. @ 100% load |

**\*\* Item (8.1) & (8.2) should be the same brand**

**الشروط الخاصة**

1. يتم تسليم جميع المواد اعلاه في المواقع التي تحددها مديرية التربية والتعليم والثقافة العسكرية.
2. العطاء غير شامل التركيب والتشغيل ما عدا (Item 8) شامل التركيب والتشغيل في مختبرات تحددها مديرية التربية والتعليم والثقافة العسكرية ولا يشمل التركيب أي أعمال مدنية أو تمديدات كهربائية بحيث يوجد تأسيس لتركيب الـ (ups).
3. تلتزم الشركة بوضع ليبل على كل جهاز يبين (اسم الشركة المحال عليها العطاء، رقم قرار الاحالة، تاريخ التوريد، تاريخ انتهاء الكفالة).
4. تلتزم الشركة بتسليم لجنة الاستلام نسخة الكترونية من الأرقام التسلسلية لجميع المواد المحال عليها.
5. في حال استبدال القرص الصلب خلال فترة الكفالة المجانية، يتم استبداله بدون بديل وتحتفظ القوات المسلحة الأردنية – الجيش العربي بالقرص التالف ودون أي تكلفة إضافية.
6. العطاء قابل للتجزئة على مستوى الـ (Item) فقط.
7. تلتزم الشركة بتحديد مدة التوريد والتسليم في العطاء، وسيتم الأخذ بعين الاعتبار المدة المقدمة من قبل الشركات في المفاضلة.
8. يجب الالتزام بكافة محتويات المواصفات والشروط.
9. العرض يجب ان يشمل ورقة مطابقة على شكل جدول يحتوي المواصفات المطلوبة والمواصفات المقدمة من الشركة وبالاشارة الى الكاتلوج الفني، عدم تقديم هذه الورقة يعطي الحق للجنة الشراء برفض العرض وتكون الشركة مسؤولة عن جميع المعلومات داخلها.
10. أن تكون الشركة أو المؤسسة أو المورد أو مؤدي الخدمة من المسجلين بنظام الفوترة الوطني الالكتروني .