**العطاء ممول بموجب المنحة الرابعة المخصصة من الصندوق الكويتي للتنمية الاقتصادية العربية للاسهام في خطط الاستجابة لأزمة اللاجئين السوريين في الدول المستضيفة**

**الموضوع: المواصفات الفنية لقسم العمليات**

**Technical Specifications for *4K Tower***

**Qty 4 units**

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| **No.** | **Technical Specifications** | **Min KAUH Requirement** |
| 1 | Manufacturer | Please specify manufacturer and country of origin |
| 2 | Model Number | Please specify model number of the offered equipment |
| 3 | Safety Standard | FDA approval or CE marking |
| 4 | Camera head with controller QTY (2)  المطلوب كاميرا عدد 2 و CONTROLLERعدد واحد لكل TOWER  **مع اضافة حافظات عدد (8)** | * Three chip Ultra HD Camera (3CCD or 3CMOS). * Camera cable: Included with enough length. * Automatic white balance. * Zoom option is preferable. * Sterilization by Plasma or steam **(autoclavable).** |
| 5 | Light source unit with fiber optic QTY (1) | LED cold light   * Light intensity adjustable from 0% to 100%. * Color temperature (min. 5500K). * Fiber optic cable 4.8mm, 3.5mm or equivalent QTY (5). |
| 6 | TV Monitor QTY (1)  FOR EACH TOWER | * Medical grade not less than 31". * Resolution 4k resolution. * Brightness and contrast control. * 220 V / 50 Hz. * System interface ( included) |
| 7 | Insufflators QTY (1) | * **Max 50L/min. approximately.** * Insuflator tubing’s200cm. * Luer-lock connector. * Insuflation needle. * Hose and cylinder pin type included. * Gas type : CO2. * Digital setting of gas flow and pressure. * Safety feature for over pressure. * Pre heat for gas to body temperature. * Bottle pressure indication. * Heated tube QTY (5). * 220 V / 50 Hz. |
| 8 | Endoscopy trolley QTY (1)  **مع اضافة حاملة لاسطوانة الغاز** | * Original Mobile on 4 anti static wheels with brake **with isolation transformer.** * Minimum of 4 fixed shelves. * Power box for min. of 10 MK plugs. * Mild steel construction. * Maximum load capacity: to be mentioned. |
| 9 | Telescopes  Total Quantity For All Towers  عدد العدسات هي لجميع  TOWERS  NOT FOR ONE TOWER  **مع اضافة حافظة لكل عدسة** | - Straight forward telescope 0° ,   Diameter   approx. 5 mm. working  length approx. 300 mm. fiber optic light transmission autoclavableQty (5) |
|  |  | - Straight forward telescope 0° , Diameter   10 mm approx. Qty (10) |
|  |  | - Straight oblique telescope , 30° , Diameter  approx. 5 mm Qty (5) |
|  |  | - Straight oblique telescope , 30° , Diameter    approx. 10 mm Qty (15)  - Straight oblique telescope , 0° , Diameter   4 mm 18cm Qty (10), approx.  - Straight oblique telescope , 30° ,  Diameter   4 mm 18cm approx. Qty (4)  - Straight Nasoendoscope, 45° , Diameter   4 mm 18cm approx. **Qty ( 2)**  -Straight Nasoendoscope, 70° , Diameter   4 mm 18cm approx. Qty (2) |
| 10 | Documentation | * Record video and still image in ultra hd * Full patient data entry * Data storage during operation * Documentation archiving system |