**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**

|  |  |  |
| --- | --- | --- |
| **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.
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| 9 |  Telescopes Total Quantity For All Towers عدد العدسات هي لجميع TOWERSNOT 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
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