구 매 (영 문) 규 격 서

Commodity Description

관세분류번호 HSK.NO	품목번호 Item No	품명 및 규격 Description	단위 Unit	수량 Quantity
9018.90.9030		**4K Laparoscope**	**set**	**1**

A. Features:

1. 4K UHD camera processing system, 30,000 hours LED light source, and image management system
2. All in one housing with an intuitive tablet controller.
3. "Remote Entry" - enables to add patient from an external networked computer
4. "Password Access" – required password to enter patients remotely
5. "Streaming Quality": setting of the live stream bit rate in low, medium, high
6. Create a list of surgeon names with specific settings
7. Program the functions of the camera head buttons
8. Setting of the max. video recording time (Chaptering 5min, 10min, 20min, 1hour, available)
9. Password setting for Video Live Stream
10. Selection of standard storage location: iPad, USB3.0 or Network, and PACS
11. Create a list of procedures with specific settings
12. Setting of camera settings: Brightness, Zoom, Color Setting, Gain, Auto Exposure Window, Enhancement
13. Scheduling, starting and ending a procedure via the Tablet
14. On-Screen Display of the last taken image or of the last 4 taken images
15. On-Screen Icon indicating recording
16. Device Status of Printer, iPad, Network
17. Change settings of camera head button functions

B. Specifications:

1. 4K Camera
   1) Resolution: 3840x2160 or 4096x2160p
   2)Controller resolution 3840 x 2160p X 3Chip RGB CMOS CCD 10bit Color
   3)Network Tx & Rx to Media Server & Medical Video Management System 32TB
   4)Scan Method: Progressive
   5)Image Frame : 60p(59.94p)
   6) Power supply : 100~240 VAC, 50/60 Hz
   7) Output: 4K DP or HDMIx2 16:9, Full HD DVIx2 and 3G SDIx1
   8) Autoclavable camera head
   9) Digital zoom 1.5x or Zoom lens: F=13~29mm
2. Light Source
   1) Lamp type: high power LED
   2) Color temperature:7000K or 6500K
   3) LED Life time: 30,000 hours
   4) Fiber light cable: 5mm, 2.7m or 5mm, 2.3m
3. 4K UHD Laparoscope
   1) Lens Type : 4K Sapphire
   2) Lens System : 4K Rod lens

3)Outside Diameter : 10mm, 5.5mm

4) Angle of view: 0, 30 DEG

4. 4K 32" Monitor

1) Panel: 32" TFT or LED

2) Resolution: 3840x2160 or 4096x2160

3) Aspect : 16:9

4) Colors: 10.7 billion colors

5) Input: HDMIx1, DPx2 SST, DVIx1

C. Consist of

1. Camera Controller	1ea
2. Camera Head	1ea
3. Coupler	1ea
4. Light Source	1ea
5. Light cables	2ea
6. 4K UHD Laparoscope 10mm 30DEG	1ea
7. 4K UHD Laparoscope 5.5mm 30DEG	1ea
8. 4K Monitor 32"	2ea
9. Digital Documentation Tablet	1ea
10. PACS Capture Board & Interface	1ea
11. Scope Tray	2ea
12. Tray for Sterilization	1ea
13. Service Manual	1ea

D. Remarks

1. Three years warranty after installation and correct operation

* 위와 같이 일반 경쟁 입찰을 의뢰합니다.

PS. 입찰 후 최저가 응찰 업체를 낙찰자로 결정함.

날짜:

신청인 성명: 인

사용부서명: 흉부외과

부서장 성명: 인

담당자: 서 보 경 인

기술부서명 : 관리부 의용공학괴

의용공학과장 : 박 명 학 인