

購 買 (英文) 規 格 書

COMMODITY DESCRIPTION

| 關 稅 分 類 番 號 H.S. NO. | 品目番號 ITEM NO. | 品 目 및 規 格 DESCRIPTION | 單 位 UNIT | 數 量 QUANTITY |
|-------------------------|------------------|---|-------------|-----------------|
| | | 초음파영상진단기 (Intraoperative Ultrasound System) | Sys | 1 |

A. Features :

1. The system provides multipurpose applications including abdominal, vascular, small parts, obstetrics, gynecology, urology, pediatrics etc.
2. The system provides high quality of image resolution and sensitivity in all scanning modes including B/C/D/M/CM mode.
3. The system shall support the following DICOM3.0 service classes.

B. Specification :

1. Basic System Architecture

- 1) Architecture
- 2) 19 inch Monitor or more
- 3) 4 Active Probe Ports or more
- 4) Integrated 500GB HDD or more
- 5) Integrated multiple USB port

2. Networking : Supporting DICOM service classes

3. Compound Image (Spatial Compound Imaging or Compound Imaging)

- controls ultrasound beam electronically by steering, and compounds many scan lines for better image.

4. Noise Reduction Image (Acoustic Noise Reduction or Speckle Reduction)

- The noise reduction filter improves edge enhancement and creates sharp 2D

images for optimal diagnostic performance.

5.Enhanced Clear Imaging(HI-REZ or Enhanced Tissue Definition)

- provides clear images by mitigating the characteristics of ultrasound images by mitigating the characteristics of ultrasound images that are slightly blurred than the actual vision.

6.Image Focusing(eFocusing or Dynamic Focusing)

- Image enhancement through focusing.

7.Directiona Color Flow Imaging(Direction eflow+ or Doppler System)

- The function uses directional power doppler technology, enabling you to examine even the peripheral vessels. It displays information on the intensity and direction of blood flow.

8.Probes

1) Laparoscopic transducer (2-13MHz or 4-12MHz)

2) Linear transducer (5-18MHz)

3) Linear transducer (5-13MHz or 4-13MHz)

4) Linear transducer with T-shaped footprint (2-14MHz or 5-14MHz)

9.Battery Pack

- Rechargeable battery pack for mobile operation and power backup.

C. Configurations :

| | |
|--|-------|
| 1. Basic architecture | 1 Set |
| 2. DICOM Networking | 1 Set |
| 3. Spatial Compund Imaging or Compund Imaging | 1 Set |
| 4. Acoustic Noise Reduction or Speckle Reduction | 1 Set |
| 5. HI-REZ or Enhanced Tissue Definition | 1 Set |
| 6. eFocusing or Dynamic Focusing | 1 Set |
| 7. Direction eflow+ or Doppler System | 1 Set |
| 8. 2-13MHz or 4-12MHz Laparoscopic transducer | 2 Set |

| | |
|---|-------|
| 9. 5-18MHz Linear transducer | 1 Set |
| 10. 5-13MHz or 4-13MHz Linear transducer | 1 Set |
| 11. 2-14MHz or 5-14MHz Linear transducer with T-shaped footprint | 1 Set |
| 12. Battery Pack | 1 Set |
| 13. Operation & Service Manual | 1 Set |

D. Remarks :

1. The equipment should be installation by contractor.
2. Three years warranty after the installation and correct operation.
3. 해당규격 의료기기는 입찰공고일 현재 생산되고 있는 제품으로
입찰참가 등록을 하여야 한다.
4. 무상보증제외 품목 : 없음