

## COMMODITY DESCRIPTION

| H.S.K<br>No.         | ITEM<br>No. | DESCRIPTION                             | Q'ty     |
|----------------------|-------------|-----------------------------------------|----------|
| 9018.<br>12.<br>0000 |             | Echocardiography Ultrasound System (3D) | 1 System |

### A. FEATURES :

1. The system's configuration offers a full feature set for Cardiovascular Ultrasound
2. The system also supports the complete set of features, which are available via a upgrade
3. The System must have massive parallel processing architecture and new precision beamforming for real-time coherent beam reconstruction.
4. All-modality digital Front-End for excellent cardiovascular performance with high frame rate & advanced research capabilities
5. The system helps you extract more definitive diagnostic information from cardiovascular images by bringing quantitative assessment tools out of the research lab into your routine clinical exam

### B. CONSTITUTIONS

#### (1) System Main Body

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| <ol style="list-style-type: none"> <li>1. 3D Echocardiography Imaging System <ul style="list-style-type: none"> <li>- Led display monitor 21.5" or more</li> <li>- Touch screen</li> <li>- 4 Probe Port</li> <li>- ECG Port</li> <li>- 1TB SSD. Hard Drive</li> <li>- Multi USB Port</li> <li>- Transducer and gel bottle holder</li> </ul> </li> <li>2 Transducer (Probe) <ul style="list-style-type: none"> <li>X5-1c Adult Cardiac xMATRIX 3D TTE Sector Transducer or 4Vc-D</li> <li>X5-1 Sector Transducer or M5Sc-D</li> <li>L12-3 Linear Transducer or 11L-D</li> </ul> </li> </ol> | <p>1set</p> <p>1set</p> <p>1set</p> <p>1set</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|

(2) System Program

|    |                                                                                   |       |
|----|-----------------------------------------------------------------------------------|-------|
| 1  | True Confocal Imaging (TCI) or nSight plus                                        | 1 set |
| 2  | Adaptive Contrast Enhancement (ACE) or Image Boost                                | 1 set |
| 3  | Auto Optimization (ATO, ASO) or AutoScan                                          | 1 set |
| 4  | UD Clarity and UD Speckle Reduce Imaging (UD-SRI) or XRES                         | 1 set |
| 5  | Anatomical M-mode (AMM) or Same as left                                           | 1 set |
| 6  | HD imaging & Multiple-angle compound imaging or Sono CT                           | 1 set |
| 7  | Hybrid filter or Variable XRES                                                    | 1 set |
| 8  | Virtual Apex or Wide APEX                                                         | 1 set |
| 9  | LVO contrast or Constrast Imaging                                                 | 1 set |
| 10 | Tissue Velocity Imaging (TVI) or TDI                                              | 1 set |
| 11 | Tissue Tracking (TT) or ROI                                                       | 1 set |
| 12 | Advanced Qscan & Q-Analysis or Autostrain LV                                      | 1 set |
| 13 | Q-Analysis or Strain Q                                                            | 1 set |
| 14 | Cardiac Auto Doppler or Same as left                                              | 1 set |
| 15 | Spline Tool Measurement or Same as left                                           | 1 set |
| 16 | LOGIQView - Extended Field of View or Paranomic View                              | 1 set |
| 17 | Virtual Convex imaging or WideSCAN                                                | 1 set |
| 18 | IMT or Same as left                                                               | 1 set |
| 19 | Strain Elastography or Same as left                                               | 1 set |
| 20 | Scan Assist Pro or Smart Exam                                                     | 1 set |
| 21 | Pre-Post Compare or Review Compare                                                | 1 set |
| 22 | Privacy Security and data protection<br>or Double Hard System(Echo Data Managemnt | 1 set |
| 23 | QuickApps or Quick Save                                                           | 1 set |
| 24 | FlexiViews or Auto view                                                           | 1 set |
| 25 | Vmax or HVR                                                                       | 1 set |
| 26 | Advanced 4D User Package (Dynamic multi-slice views)<br>or Mutislice              | 1 set |
| 27 | FlexiSlice Extend or MultiVue                                                     | 1 set |
| 28 | 2-Click Crop or Quick Vue                                                         | 1 set |
| 29 | Dual Crop or Dual Vol                                                             | 1 set |
| 30 | Quick Rotate or Quick Angle                                                       | 1 set |
| 31 | Flexi Volumes (4D single/multi beat Volumes)<br>or Live xPlane imaging            | 1 set |
| 32 | Biplane / Triplane imaging & 4D Views/4D Stress Echo or X plane                   | 1 set |

|    |                                                                           |       |
|----|---------------------------------------------------------------------------|-------|
| 33 | 4D Auto LVQ or Dynamic Heart Model(DHM)                                   | 1 set |
| 34 | AI Auto Measure 2D & AI Auto Measure Spectrum Recognition or Auto Measure | 1 set |
| 35 | AFI 3.0 & Easy AFI LV or AutoStrain LV                                    | 1 set |
| 36 | Auto EF 3.0 or Automated Cardiac 2D Quantification A.I                    | 1 set |
| 37 | Easy Auto EF or Auto EF                                                   | 1 set |
| 38 | Vivid E95 4D option or Live 3D Package                                    | 1 set |
| 39 | Hdlive & FlexiLight & HD Color or TrueVue glass                           | 1 set |

A type :

|    |                                  |       |
|----|----------------------------------|-------|
| 40 | Curved Anatomical M-mode (Camm)  | 1 set |
| 41 | Z-Score                          | 1 set |
| 42 | Blood Flow Imaging               | 1 set |
| 43 | ViewPoint                        |       |
|    | 1) View point 6 ver 6.15         | 1 set |
|    | 2) NAS 30 TB                     | 1 set |
|    | 3) Echocardiography Reporting    | 1 set |
|    | 4) Analytics Network Licensr     | 1 set |
|    | 5) Concurrent Licence            | 2 set |
|    | 6) DICOM Connectivity Licence    | 2 set |
|    | 7) Selective PACS Export License | 1 set |
|    | 8) EchoPAC Plug-in v206 VP       | 1 set |
|    | 9) EP Suite Quant Bundle         | 1 set |
|    | 10) EP Suite 4D Bundle           | 1 set |

B type :

|    |                                       |       |
|----|---------------------------------------|-------|
| 44 | UWS 2D & 3D Single Seat bundle        |       |
|    | 1) Workspace SS Core(="Arena Core")   | 1 set |
|    | 2) Dicom Receive                      | 1 set |
|    | 3) Image-Com                          | 1 set |
|    | 4) 3D Option Image-Com                | 1 set |
|    | 5) Cardiac Measurements               | 1 set |
|    | 6) TOMTEC-ARENA Clinical Option       | 1 set |
|    | TOMTEC-ARENA 2D Strain Analysis (CPA) | 1 set |
|    | TOMTEC-ARENA AutoStrain LV            | 1 set |
|    | ① TOMTEC-ARENA AutoStrain LA          | 1 set |
|    | ② TOMTEC-ARENA AutoStrain RV          | 1 set |
|    | 7) 4D Cardio-View                     | 1 set |
|    | 8) 4D LV Analysis                     | 1 set |
|    | 9) 4D RVF                             | 1 set |
|    | 10) 4D MVA                            | 1 set |
|    | 11) IT Services(day)                  | 1 set |

|                               |       |
|-------------------------------|-------|
| (3) Accessories               |       |
| 1. ECG Cable set              | 1 set |
| 2. B/W Printer                | 1 set |
| 3. Operation / Service Manual | 1 set |

#### C. REMARK

##### 1. Installation

계약자는 고객의 전제 조건으로 이 장비를 설치해야 하고, 제품 교육에 대해 무료로 제공됩니다.

##### 2. Warranty

무상보증 조건. 3년의 무상 서비스 기간이 제공됩니다.

\* 위와 같이 일반 경쟁 입찰을 의뢰합니다.

PS : 입찰 후 최저가 응찰 업체를 낙찰자로 결정함.

2025. 5 . 26 .

사용부서명 : 심장내과 심장검사실

신청인 성명 :

김 용 의 

부서장 성명 :

허정훈 

담당자

성명 : 강 석 만



기술부서명 : 의용공학과

의용공학과장代 : 서 보 경

