

Ref: PO/48/2020

13 July, 2020



subsidiary relief and works agency  
for palestinians refugees in the near east  
وكالة امداد الفلسطينيين في الشرق الاوسط

department of  
administrative support  
gaza field office

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To : All participants  
From : D/Head Field Procurement & Logistics Office- Gaza  
Subject : **Amendment # 1 on tender No. 3420000167 (Supply of medical equipment)**

Dears,

Reference is made to item # 7 (ECHO Color Doppler) in the subject tender, please note that the specifications for this item included mistakenly additional information for another item. Therefore the required specifications for this item will be read as shown in the Table below:

In addition, the tender closure date has been amended to be on **Sunday 09 August 2020 @ 12:00** noon instead of 21 July 2020.

All other terms and conditions of the tender, except as amended herein, shall remain unchanged.

S. N. as per tender	Item Description
7.	<b>ECHO Color Doppler</b> <ul style="list-style-type: none"><li>- Cardiac Color doppler ultrasound</li><li>- 3D/4D live ultrasound</li><li>- Cardiology application , Stress M , and Stress Echo</li><li>- 24 MHz transducer with extended bandwidth and iDMS Dynamic MicroSlice technology provides superior detail and definition in the near field for a wide range of examinations.</li><li>- General use application ( adult / gynecology )</li><li>- Volume matrix transducer enables you to acquire high-quality 4D volumes at high framerate,</li><li>- TEE probe's small insertion head offers an improved patient experience. A host of advanced analysis tools allows for in-depth assessment of cardiac anatomy and function</li><li>- Ultra-wideband i-series transducers cover the same bandwidth as two conventional transducers,</li></ul>

دائرة امداد الاداري  
مكتب غزة

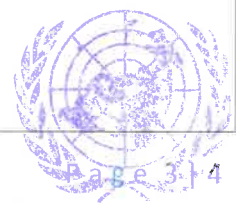
ص ب 3  
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- Best-of-breed cardiac 4D imaging to everyday clinical use. Its fully sampled matrix array transducers are especially small and lightweight for better ergonomics and patient accessibility.
- Tissue Enhancement delivers images of stunning smoothness and clarity with improved endocardial border delineation, especially in difficult patients
- Provides you with high frame rate Tissue Doppler images and Pulsed-Wave-TDI traces for a precise timing of cardiac events in both visual and quantitative formats.
- intelligent Dynamic Microslice (iDMS), the transducer elements are controlled separately to create a thin slice beam with continuous focus from near field to far field.
- Multi-Beam Receiver: Enables wide area reception of signals
- Multi-Harmonic Compounding: Provides excellent beam processing power.
- scanning system : electronic convex and linear scanning
- Display mode : B , B/M , M , 4D , PWD , color doppler , power doppler duplex and triplex
- the system have extensive calculation software package for OB/GYN and Cardiac package software and vascular studies
- Measurement function : distance , area , circumference , weight , heart rate , LV , CDH (HIP joint angle )
- Cine loop memory for 1024 frames and 500 frame for B mode
- Built in hard disk
- CD/DVD R.W and USB facility is available
- Separate Video output
- Lan port / Ethernet port 45
- Dicom 3 compatible with life time DICOM license
- Upgradability for any PACS
- Direct connectivity to laser / thermal printer to printing images and reports
- Multi slice view for 4 D and cardiac
- Time Gain compensation and THI ( tissue harmonic imaging )
- Body mark and probe mark facility
- Character display facility
- Monitor : 23" LED
- 5 probe ports and one probe selective
- probe with heavy duty cable
- Depth of view : 2-32.9 cm
- Transducer element : 256 elements
- Gray level : 256 / 8 bit
- complete with standard accessories : probe hanger , dust cover , trolley
- Advanced Technologies
- 24 MHz Ultra-high Frequency
- Multiplexing Technology
- 3D visualizations of anatomical structures in combination with vascular flow.
- New generation digital front-end technology

- Acquire accurate 3D volumes with a standard linear or convex transducer.
- RAW data capability enables you to efficiently scan and acquire images (even on a remote access tablet) and then manipulate multiple image parameters, measurements and annotations later.
- iSense design can help boost productivity during daily routine exams as well as more most complex cases. It's smaller and lighter, design makes it easy to maneuver. With over 36 cm panel height adjustment, lateral slide and a fully articulating monitor arm,
- Multi-beam processing technology
- Spatial compound imaging
- $\mu$ -scan function
- Tissue harmonic imaging
- High pulse repetition frequency
- Panoramic imaging
- 4D imaging
- Graphic diagnosis icon
- Touch screen with human-computer interaction technology
- Trapezoid imaging
- ECG function module
- Software package
- Cardiology measurement package
- Gynecology measurement package
- Urology measurement package
- Vascular measurement package
- Small parts measurement package
- Orthopedic measurement package
- IMT measurement
- TEI index
- Spectral Doppler auto trace
- System Parameters
- Probe Socket : 5 Probe selectable
- Frame rate: max. 750fps
- Grayscale Level: 256
- Transducer Elements: 256
- Scan Depth: 32.9cm
- Frequency: 5 bands adjustable
- Probe Connectors :
- Common Probe Connectors: Total 5 connectors
- Pencil probe connector:1
- Physiological Signal Display and ECG function
- ECG Pulse wave
- ECG Lead-three lead system
- ECG Gain: Adjustable
- ECG Position: Adjustable
- ECG Invert: On/Off
- R-Trigger: On/Off



	<p>Trigger Delay: Adjustable  Frame Count: Adjustable</p> <ul style="list-style-type: none"> <li>- DICOM Network Communication</li> <li>- Storage: Directly transmits images with patient information to a DICOM file server</li> <li>- Print: Images can be printed directly using a DICOM compatible printer</li> <li>- Medical digital images and communication DICOM 3.0 interface</li> <li>- DICOM worklist function</li> <li>- DICOM storage commitment</li> <li>- Mobile trolley from manufacture</li> <li>- Foot switch</li> <li>- Power supply : 220 VAC +/- 10 % , 50 Hz</li> <li>- Required Transducers must be included in the total price : <ul style="list-style-type: none"> <li>- Linear Probe Ultra-Wideband Linear (Vascular, Small Parts) (4.0-16.0MHz)</li> <li>- Phased Array Probe Ultra-Wideband Sector (3.0-12.0MHz) (Cardiology)</li> <li>- Curved Probe Ultra-Wideband Convex (Abdomen, OB/GYN) (2.0-6.8MHz)</li> <li>- Micro-curved Probe (Trans-vaginal) (4.0-8.0MHz)</li> <li>- Volume Probe (Fetus) 4D Probe (2.0-6.8MHz)</li> </ul> </li> <li>- Color Video printer</li> <li>- ECG cable</li> <li>- ECG Module</li> </ul> <p>Power supply : 220 VAC , 50 Hz  The supplier must be exclusive from Manufacture and the certificate must be attached in technical offer and financial offer  Warranty : 3 Years</p>
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Regards,

  
at 13.7.2020  
Yours sincerely,

Alaa' El-Karriri  
D/HFPLO, Gaza