

Sealed quotations are invited from eligible manufacturers / authorized dealers/distributors for the supply of Ultrasound Machine (USG Machine) 3D/4D and Echocardiography System (Echo Machine).

1) Technical Specifications for Ultrasound Machine (USG Machine) 3D/4D

Requirements:

Fully digital ultrasound platform

High-resolution LED monitor with touchscreen control panel

Color Doppler, Power Doppler, PW Doppler, CW Doppler, Tissue Doppler Imaging (TDI)

Real-time 3D/4D imaging capability

DICOM 3.0 compatibility with PACS connectivity.

SSD of minimum 1TB Size

Medical Grade Thermal Printer (Brand: SONY)

Probes:

1) Convex Probe

2) Volume Convex Probe (3D/4D)

3) Transvaginal Volume Probe (3D/4D)

4) Linear Probe

5) High-Frequency Linear Probe

Advanced Clinical Applications:

Auto NT Measurement

Fetal Growth Analysis

Fetal Cardiac Assessment

Cardiac Z-Score Package

Myocardial Performance Index (TEI Index)

Shear Wave Elastography for Liver, Thyroid & Breast

MV Flow / Microvascular Imaging

Lumi Flow Technology

Panoramic Imaging

Advanced OB/GYN, Abdomen, Small Parts and Vascular Packages

Other Requirements

Comprehensive warranty minimum 3 years including probes

Application training for users

CE/FDA approved system

Manufacturer's authorization certificate mandatory

.....

2) Technical Specifications for Echocardiography System (Echo Machine)

Requirements:

Digital Color Doppler Echocardiography (Echo) Ultrasound System.

High-resolution LED monitor with touch screen control panel.

2D, M-Mode, Color Doppler, PW, CW, High PRF Doppler, Tissue Doppler Imaging (TDI), Tissue Velocity Imaging (TVI), Tissue Harmonic Imaging (THI)

DICOM 3.0 compatibility with PACS connectivity.

SSD of minimum 1TB Size

Medical Grade Thermal Printer (Brand: SONY)

Probes:

1) Adult Cardiac Phased Array Probe

2) Pediatric Cardiac Phased Array Probe

3) Neonatal Cardiac Phased Array Probe

Advanced clinical applications:

Complete Adult, Pediatric, and Neonatal cardiac package.

Speckle Tracking

Stress Echo

GLS

Auto EF

LV, RV Function Analysis

Valve Quantification

ECG synchronization Facility

Other Requirements

Comprehensive warranty minimum 3 years including probes

Application training for users

CE/FDA approved system

Manufacturer's authorization certificate mandatory

.....

The Technical Bid and Financial Bid shall be submitted in separate sealed covers, clearly mentioning as "Technical Bid" and "Financial Bid", also mentioning the name of the equipment quoted for.

The completed quotations should reach the undersigned on or before 31/07/26.