

Corrigendum

In tender document Tender Enquiry No.24/Cardio/186(IV)/2016-RISH (ADMN)

Dated: 11-03-2016

As per schedule, Pre- Bid meeting of "Tender for 4D (LIVE 3D), Echocardiography Machine, High End, State of the art for the Department of Cardiology" was held on 06-03-2017 at 03.00 PM, in the tender opening room.

After consideration by Store Purchase Committee following modification (deletions/additions/replacements) additions for Tender Enquiry No. 24/Cardio/186(IV)/2016-RISH (ADMN) has been made.

Point srl no. 5 at page no.19:-

For:- System should be capable of supporting second generation LIVE 3D matrix Transducer capable of supporting LIVE 3D image quality on the matrix array transducer with a 3D data processing speed-at 64 mega voxels per second. Please mention 3D Data processing speed in technical bid.

Read as:- System should be capable of supporting second generation LIVE 3D matrix Transducer.

Point srl no. 8 at page no.19:-

For:- System should have extremely high Resolution 2D Imaging, Colour Flow Imaging, M Mode, Anatomical M Mode, PW Doppler, CW Doppler, Duplex& Triplex Modes.

Read as:- System should have extremely high Resolution 2D Imaging, colour flow imaging, M Mode, Anatomical M Mode (Optional), PW Doppler, CW Doppler, Duplex & Triplex modes.

Point srl no. 14 at page no.19:-

For:- Should have facility for two dimensional strain rate imaging with longitudinal, radial and circumferential strain rate and strain measurements. Also rotation and torsion measurement to be available.

Read as:- Should have facility for two dimensional strain rate imaging with longitudinal.

Point srl no. 15 at page no.19:-

For:- Three dimensional (4D) strain rate imaging and strain measurement to be available in all possible dimensions. Mention in detail in technical bid.

Read as:- Deleted.

Point srl no. 16 at page no.19:-

For:- Should be able to perform advanced quantification measurements like strain & Strain Rate Quantification. Should measure the myocardial velocity and derives the strain rate and strain along user defined M-lines, capable of drawing upto 3M-lines at a times , capable of sub-diving each m-line into 8 sub-regions or according to user defined sub-region sizes, Point of interest tool obtains values from any point on the M-Mode display. In addition to the Tissue Doppler based strain system should 2D based strain like VVI should be offered. These should be offered ON-LINE and OFF-LINE.OFF- LINEworkstation (both hardware and software)

Read as:- Should be able to perform advanced quantification measurements like strain & Strain Rate Quantification. Should measure the myocardial velocity and derives the strain rate and strain along user defined M-lines. In addition to the Tissue Doppler based strain system should 2D based strain like VVI should be offered. These should be offered ON-LINE and OFF-LINE. OFF-LINE workstation (both hardware and software).

Point srl no. 18 at page no.20:-

For:- Should be able to perform MPR views for Quantification from 3D Imaging on Volume measurements like LV volumes, Ejection fraction from 3D Image, etc. Also should offer 3D synchronicity indicates to measure and compare timing of maximum contraction of regional LV volumes to determine those patients who will best benefit from CRT system. Should display global LV volume and should provide simultaneous display of 17 regional volume waveform. This should be offered both on the system and on a licensed work station (both licensed hardware and licensed Software) should be offered and highlighted in the technical bid.

Read as:- Should be able to perform MPR views for Quantification from 3D Imaging on Volume measurement like LV volumes, Ejection fraction from 3D Image, etc. Also should offer 3D synchronicity indicates to measure and compare timing of maximum contraction of regional LV volumes to determine those patients who will best benefit from CRT system. Should display global LV. This should be offered both on the system and on a licensed work station (both licensed hardware and licensed Software) should be offered and highlighted in the technical bid.

Point srl no. 21 at page no.20:-

For:- Should have ergonomic design with touch control panel, which is comfortable and convenient to avoid user muscle strain & stress injuries. Preferably a lightweight a lightweight system should have a 19-inch high resolution flicker free non interlaced flat panel monitor with tilt and swivel.

Read as:- Should have ergonomic design with touch control panel, which is comfortable and convenient to avoid user muscle strain stress injuries. Should have a 21-inch high resolution flicker free non interlaced flat panel monitor with tilt and swivel.

Point srl no. 26 at page no.20:-

For:- System should have storage facility of images, loops in the hard disk drive of 300 GB or more. System should be able to transfer Images & clips to CD & DVD media.

Read as:- System should have storage facility of images, loops in the hard disk drive of 1 TB or more System should be able to transfer Images & clips to CD & DVD media.

Point srl no. 27 at page no.20:-

For:- Software for off-line strain quantification to be provided for analysis on a personal computer on DVD. The software should be able to do all quantification in 2D and 4D both including longitudinal, circumferential and radial strain rate and rotation and torsion measurements.

Read as:- Software for off-line strain quantification to be provided for analysis on a personal computer on DVD. The software should be able to do all quantification in 2D including longitudinal, circumferential and radial strain rate and rotation and torsion measurements.

Point srl no. 31(a) at page no. 20:-

For:- 4D (Live 3D) Echo Matrix Transducer for Adult 4D (Live 3D) with frequency ranging from 1-5 +1 Mhz. This probe must support a minimum of 2000 elements for exceptional 4D (Live 3D) image quality on the matrix array transducer to simultaneous display of two real-time live high-quality image planes. This transducer should have either single crystal technology or purewave technology for excellent Image quality on Difficult to image patient.

Read as: - 4D (Live 3D) Echo Matrix Transducer for Adult 4D (Live 3D) with frequency ranging from 1-5 +1 Mhz.

Point srl no. 31(b) at page no. 20:-

For:- Regular Adult Echo Transducer with frequency ranging from 1-5 MHz. This transducer should have either single crystal technology or pure wave technology for excellent Image quality on Difficult to image patients. Please mention the crystal technology used in the transducer. System offered with normal transducers for adult echo are liable for rejection

Read as:- Regular Adult Echo Transducer with frequency ranging from 1-4 ± 1 MHz. This transducer should have either single crystal technology or pure wave technology or equivalent technology for excellent Image quality on Difficult to image patients. Please mention the crystal technology used in the transducer. System offered with normal transducers for adult echo are liable for rejection

Point srl no. 31(d) at page no. 20:-

For:- Neonatal probe (5-12 MHz). Phased array/ Broadband Transducer.

Read as:- Neonatal probe (5± to 12 ± 2 MHz). Phased array / Broadband Transducer.

Point srl no. 31(e) at page no. 20:-

For:- 2-7 Mhz. Adult Live 3D TEE transducer, with Tissue Harmonic imaging (Please mention the tip size, Small tip size will be preferred)

Read as: - Deleted.

Point srl no. 31(f) at page no. 21:-

For:- Regular TEE probe 2D multiplane with colour Doppler – Adult TEE Probe.

Read as:- Live 3D/4D TEE probe multiplane with color Doppler - Adult.

Point srl no. 31(g) at page no. 21:-

For:- Regular TEE probe 2D multiplane with colour Doppler - Paediatric TEE probe.

Read as:-

Read as:- Live 3D/4D TEE probe multiplane with color Doppler - Paediatric.

Point srl no. 31(h) at page no. 21:-

For:- Vascular Transducer (Linear Array) with frequency ranging from 4-11 Mhz.

Read as:- Vascular Transducer (Linear Array) with frequency ranging from 4-11 ±2 Mhz.

F. Other requirements at page no. 21:-

For:- Comprehensive warranty for 5 years and AMC/CMC for next five years

Read as:- Comprehensive warranty for 5 years and AMC/CMC for next five years including all transducers.

Note: Last date of submission of bids in respect of aforesaid tender is hereby extended till 12-04-2017 at 03:00 PM and Technical bid will be opened on same day at 03.30 PM.