Date: - 30th July, 2019

Corrigendum
for
Portable Color Doppler Ultrasound Scanner for the Department of General Medicine

NIT Issue Date	**:**	**17th June, 2019**
NIT No.	**:**	**Admn/Tender/07/2019-AIIMS.JDH**
Pre-Bid Meeting	**:**	**01st July, 2019 at 04:45 PM**
Earlier Last Date of Submission	**:**	**30th July, 2019 at 03:00 PM**
Extended Last Date of Submission	**:**	**13th August, 2019 at 03:00 PM**
Bid opening	**:**	**14th August, 2019 at 03:15 P.M**

The following revised and additional specification will be added:-

1. **Page No. 10, Item: "Portable Color Doppler Ultrasound Scanner" ,:**
   For
   Portable Color Doppler Ultrasound Scanner.
   Read
   Portable Color Doppler Ultrasound Scanner **(Trolley mounted).**

2. **Page No. 10, Point No.1 ,:**
   For
   The equipment must operate in B, M, Doppler, Color flow and Power Doppler modes. It must support transducers with linear, sector and convex formats. Machine Should have 3D/4D and CEUS upgradability. Further, it must include a full array of measurement and calculation packages. The specific minimum requirements for this equipment are as follow.
   Read
   The equipment must operate in B, M, Doppler, Color flow and Power Doppler modes. It must support transducers with linear, sector and convex formats. Machine Should have 3D/4D upgradability. Further, it must include a full array of measurement and calculation packages. The specific minimum requirements for this equipment are as follow.

3. **Page No. 10, Point No. 1.1:**
   For
   The system shall have 19" LED Monitor to allow for both excellent images Viewing as well as providing for workflow and productivity features.
   Read
   The system shall have 18" and more (higher will be preferable) LED Monitor to allow for both excellent images Viewing as well as for workflow and productivity features.

4. **Page No. 10, Point No.1.2 ,:**

For

Monitor should have articulating Arm with tilt & rotate movements independent of console**.**

Read

Monitor should have articulating Arm with tilt & rotate movements independent of console**.** Height adjustability will be preferable but will be optional.

5. **Page No. 10, Point No.1.3:**

For

The system shall have Four Active 'Universal' probe ports in a convenient, easy to access location to maximize the availability of needed probes.

Read

The system shall have Four Active probe ports in a convenient, easy to access location to maximize the availability of needed probes**.**

6. **Page No. 10, Point No.2.4:**

For

System shall allow for live image and archive images side by- side or quad display on a single monitor. This display shall allow any type of image - B-Mode, Color, or power Doppler on either side.

Read

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7. **Page No. 10, Point No.5.1:**

For

The system shall allow for post-storage image manipulation to provide maximum. image flexibility, review and productivity. It shall include, at a minimum the ability to change the:

• Overall 13-Mode gain, dynamic range and gray scale maps.

• Overall Doppler gain, base line shill, sweep speed and inverted spectral waveform,

• 3D reconstruction from a stored 13 mode CINE-loop, using the normal probes. (Optional)

Read

The system shall allow for post-storage image manipulation to provide maximum. image flexibility, review and productivity. It shall include, at a minimum the ability to change the:

• Overall B-Mode gain, dynamic range and gray scale maps.

• Overall Doppler gain, base line shill, sweep speed and inverted spectral waveform,

• 3D reconstruction from a stored B mode CINE-loop, using the normal probes. (Optional)

8. **Page No. 10, Point No.7:**

For

The system shall have a facility allowing the M-Mode cursor to be adjustable in any plane and allow for accurate measurements. The M-mode shall be reconstructed from earlier stored B mode cine loop.

Read

The system shall have a facility allowing the M-Mode cursor to be adjustable in any plane and allow for accurate measurements.

9. **Page No. 10, Point No.10:**

For

Unit should have integrated 3D imaging facility using normal probes. Also, to have facility to generate 3D from previously stored Cine Loops, System to can capture 3 - dimensional data from parallel and sweep Movements

Read

Unit should have integrated 3D imaging facility using normal probes.

10. **Page No. 10, Point No.11 "D1COM Connectivity":**

For

Transducers

• Convex Probe Operating Frequency: 2-5 MHz
• Volume (Convex) 4 D Probe
• Linear Probe Operating Frequency: 6-11 MHz
• Radiac Sector 2-4 MHz with TVI/TDI & Q Analysis
• 1 KVA UPS with 30 twins back-up

Read

Transducers (± 1 MHz)

- Convex Probe Operating Frequency: 2-5 MHz.
- 2D Cardiac sector probe 2-5 MHz.
- Linear Probe Operating Frequency: 6-11 MHz.
- Volume convex 4D probe (optional, however price to be quoted separately)
- 1 KVA UPS with 30 mins. back-up

11. **Page No. 11, Addition 12th Point after 11th Point:**

The equipment must have quality certificate as USFDA and European CE approved

12. **Page No. 11, Addition of 13th Point after 12th Point:**

One color printer and one thermal printer with equipment

13. **Page No. 11, Addition 14th Point after 13th Point:**

The equipment must be GPS enable with GPS device.

14. **Page No. 11, Addition 15th Point after 14th Point:**

The equipment must have 5 years warranty, which is extendable 5 years CMC

15. **Page No. 11, Addition 16th Point after 15th Point:**

Must have probe store box as accessory.

16. **Page No. 11, Addition 17th Point after 16th Point:**

Buyer have right to ask for live demonstration of machine, which will be arranged by vender.

17. **Page No. 11, Addition 18th Point after 17th Point:**

The vender must provide last biding cost of equipment, which was supplied to previous government institute**.**