

TAMILNADU MEDICAL SERVICES CORPORATION LTD.,

**TENDER FOR FIXING RATE CONTRACT FOR SUPPLY AND INSTALLATION OF
PORTABLE ECHO COLOR DOPPLER ULTRASOUND UNIT AND COLOR
DOPPLER ULTRASOUND SYSTEM TO VARIOUS GOVT. HOSPITALS
TENDER NO.255/USG/NRHM/TNMSC/ENGG/2018, DT.02.01.2018**

Corrigendum

a) The following corrigendum are issued:-

| Sl. No. | Tender Document Reference | Instead of | Read as |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Page No.54 & 55 Section VI: Technical Specification 1. Specification for Portable Echo Color Doppler Ultrasound System And refer corrigendum issued on 26.02.2018 | State of art fully digital compact portable color doppler ultrasound machine (Weight <5kg) is required with following technical features | State of art fully digital compact portable color doppler ultrasound machine (Weight less than 7 Kg) is required with following technical features |
| 2. | Page No.54 & 55 Section VI: Technical Specification 1. Specification for Portable Echo Color Doppler Ultrasound System And refer corrigendum issued on 26.02.2018 | 4. System must have fast start up to scanning in less than 20 seconds from off condition, for use during cardiac camps, critical care and emergency situations & bedside echos. | 4. System must have fast start up to scanning in less than 1 minute from off condition, for use during cardiac camps, critical care and emergency situations & bedside echos. |
| 3. | Page No.54 & 55 Section VI: Technical Specification 1. Specification for Portable Echo Color Doppler Ultrasound System And refer corrigendum issued on 26.02.2018 | 5. System & Transducers should withstand from any accidental damage while carrying, with 3 feet height from ground. System should have magnesium case for light weight strength. | 5. For Portability the machine and accessories should be strongly built to with stand impacts during emergencies. Any similar certification such as manufacturer's certification having conducted such drop test indicating the dropping height |

| Sl. No. | Tender Document Reference | Instead of | Read as |
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| | | | and the quoted model withstanding the impacts may be furnished. |
| 4. | Page No.54 & 55 Section VI: Technical Specification 1. Specification for Portable Echo Color Doppler Ultrasound System And refer corrigendum issued on 26.02.2018 | 10. Transducers must be sturdy, resistant to breakage and damage on fall/hit against the wall or hard surface for busy & tough environment conditions. | 10. Transducers must be sturdy suitable for tough environmental conditions. |
| 5. | Page No.54 & 55 Section VI: Technical Specification 1. Specification for Portable Echo Color Doppler Ultrasound System And refer corrigendum issued on 26.02.2018 | 12. Alphanumeric soft keys keyboard with easy access scans controls, facility to sanitize the system keyboard to avoid cross contamination for critical care & OT environment. Splash resistant interface for better production. | 12. Alphanumeric soft keys keyboard with easy access scans controls, facility to sanitize the system keyboard to avoid cross contamination for critical care & OT environment. Splash resistant interface or equivalent should be offered for better production & to maintain the clean surface contact in clinical areas. |

b) The following clarification are furnished:-

| Sl. No. | Tender Document Reference | Point Raised | Clarification Furnished |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Page No.54 & 55 Section VI: Technical Specification 1. Specification for Portable Echo Color Doppler Ultrasound System And refer corrigendum issued on 26.02.2018 8. <u>The system shall process a</u> | Request to amend as system must display at a maximum depth of 28cm or more. | No Change. Hence, published specification prevails, as the indicated depth is required for better penetration in case of obese children. |

| Sl. No. | Tender Document Reference | Point Raised | Clarification Furnished |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| | <u>dynamic range that is at least 165db. The system must display at a maximum depth of 35cm.</u> | | |
| 2. | Page No.54 & 55 Section VI: Technical Specification 1. Specification for Portable Echo Color Doppler Ultrasound System And refer corrigendum issued on 26.02.2018 <u>11. Unit must have Flat LCD/TFT monitor of atleast 10 inches with flicker free image.</u> | Request to amend as larger display size for better visualization and user experience. | 10" size is the minimum. Bigger screen size is also acceptable. |
| 3. | Page No.54 & 55 Section VI: Technical Specification 1. Specification for Portable Echo Color Doppler Ultrasound System And refer corrigendum issued on 26.02.2018 Transducers & accessories to be supplied as standard: <u>2. 4-8 (+/-1) MHz multi-frequency, broadband phased array transducer for Pediatric cardiac application.</u> | Request to delete the pediatric cardiac probe. | No Change. Paediatric Cardiac Probe is mandatory. Hence, published specification prevails. |

All other terms and conditions of the tender remain unaltered.

The above forms part of the bidding documents. The bidder shall attach the copy of this corrigendum duly signed by their authorized signatory, in their bid.

Sd/-
General Manager (E)