



**JAWAHARLAL INSTITUTE OF POST-GRADUATE
MEDICAL EDUCATION & RESEARCH**
(An Institution of National Importance under the Ministry of Health & Family Welfare)
GOVERNMENT OF INDIA



Dhanwantari Nagar, Puducherry- 605 006
Website: www.jipmer.edu.in

Phone: 0413-2296002, 0413-2272901 Fax: 0413 – 2272067-2272735

No: JIP/Cardio/Res/CARDIAC India/Equipment (E)/March 2025

01 March 2025

Subject: Supply of Handheld Echocardiography machine for CARDIAC India Project Limited tender invited – reg.

Please quote your lowest rates for supply of Handheld Echocardiography machine Equipment's as per the list attached in Annexure-1, subject to the following terms and conditions:

1. Rates should be quoted only for the items which are available in stock and can be supplied immediately on receipt of order.
2. GST as applicable should be included in the final cost.
3. No insurance and transport charges are payable as per the rules in the Government. As such, the firms before quoting should take into consideration all the risks in the transit and then furnish Limited Tender which should cover insurance charges also. If any point is raised as regards insurance charges after orders are issued, the same will not be entertained and the firms thereafter should effect the supply at their own cost.
4. Rates should be quoted F.O.R. Pondicherry, Extra packing; forwarding charges etc. should not be quoted.
5. Delivery is required urgently within 7 days of issue of PO. Tenders should state the guarantee delivery period they can offer. As delivery date is essential for the contract, this should be strictly adhered to by the successful bidders.
6. No supply which is not according to the specifications and not meeting our requirement will be accepted.
7. The Principal Investigator shall have the right of rejecting the Limited Tender in whole or part without assigning any reason.
8. Detailed specification and product brochure should be submitted for each item. Need to indicate if the each of the tender specifications are complied with in the compliance document.
9. Limited Tenders should be sent only by Registered Post. Hand Quotations are not accepted. Please furnish your Limited Tender in a sealed cover super scribing as:

Limited Tender for Handheld Echocardiography machine

Enquiry No.: No: JIP/Cardio/Res/CARDIAC India/Equipment (E)/March 2025 Dated: 01.03.2025

Due Date: 15-03-2025

Limited Tender should reach this office on or before 15-03-2025 04.00 PM

Limited Tender received after the due date will be summarily rejected.

NOTE:

1. The Sealed Cover (quotation) may please be sent directly to:
Dr Santhosh Satheesh,
Chief Project Manager - CARDIAC India Study,
Consultant Room no 3, Cardiology OPD
Ground Floor, Super Specialty Block,
JIPMER, Puducherry-6.


Dr. SANTHOSH SATHEESH, MD.,DM.,
Professor
Department of Cardiology,
JIPMER, Puducherry- 605 006. INDIA.
Registration No: 55375



सत्यमेव जयते

**JAWAHARLAL INSTITUTE OF POST-GRADUATE MEDICAL
EDUCATION & RESEARCH**

(An Institution of National Importance under the Ministry of Health & Family Welfare)
GOVERNMENT OF INDIA

Dhanwantari Nagar, Puducherry- 605 006

Website: www.jipmer.edu.in

Phone: 0413-2296002, 0413-2272901 Fax: 0413 – 2272067-2272735



ANNEXURE – I


No: JIP/Cardio/Res/CARDIAC India/Equipment (E) dated 01 March 2025

DUE DATE: 15.03.2025

Name of the Equipment: **Handheld Echocardiography Machine**

Specifications for Handheld Echocardiography Machine

1. The device should be portable a handheld 'point of care' device/Pocket sized and Wireless, Bluetooth enabled, easily connected/ paired to any devices, and compatibility with both IOS and Android OS mobile and tablet Compatible
2. The device should have minimum 128 physical channel beamforming for better image quality
3. The device should be light weight, weighing less than 500 grams and battery operated should provide at least 40 min backup for services within the hospital premises.
4. Device should be capable/allowing to display anatomy in real-time in 2D mode and color-coded Doppler for real time blood flow imaging.
5. Device should have Auto optimized in 2D mode for basic and Selectable focal zone marker.
6. Facility android/IOS to see Image on mobile or tablet with screen up to 20cm wirelessly (both Portrait and Landscape modes)
7. System should function/allow to adjust gain depth in 2D, color modes on externally connected device
8. There should be facility for image control Selectable TGC control with atleast 5 depth-dependent gain controls.
9. System should be capable of doing multifunctional applications such as Vascular, peripheral vascular, Procedural Guidance, thoracic/lung, cardiac, interventional guidance (includes free hand needle/catheter placement, vascular access).
10. The field of view should be minimum 60 degrees with maximum depth of 24cm
11. Data should be saved in DICOM format and transducer in generic format and in separate folders: jpg for still frames, Mp4/DICOM loops, so that it can be easily transferred to other apps or another device including input into PACS.
12. The system should have mandatory free Application update through software IOS or any play store when they become available.
13. System should be sturdy and resistant enough to withstand from fall from one-meter height and IP67 Rating for dust and water resistance.
14. The System should have pulsed wave spectral doppler for blood velocity measurement and Motion mode to displays tissue motion over time.
15. The System should be able to carry out Measurements: Distance, circumference, angle, velocity, slope, heart rate
16. System should allow for placement of annotations (Arrow and free text) on the frozen image or stored image
17. Probe configuration to be supplied as below: -
 - I. The system should be provided with phased array transducer probe: from 1.5 to 3.5 MHz with maximum depth of 24 cm and Linear Probe 4 - 11 Mhz with maximum depth of 8cm with 192 elements.
18. Demonstration of the unit to the technical bid evaluation committee is must
19. Training personnel and manuals to be submitted
20. Item should be licensed for sale in India
21. The item is to be supplied with 1 year warranty and CAMC rates for 2nd to 10th year should be mentioned


Dr. SANTHOSH SATHEESH, MD..DM..
Professor
Department of Cardiology,
JIPMER, Puducherry- 605 006. INDIA.
Registration No: 55375

Dr. SANTHOSH SATHEESH, MD. DM.
Professor
Department of Cardiology,
JIPMER, Puducherry- 605 006. INDIA.
Registration No: 55375