

27.05.2023

International Competitive Bidding (ICB) For the Supply and Installation of Heart Lung Machine to Three Tertiary Care Hospitals at Govt. Rajaji Hospital, Madurai, Govt. Kilpauk Medical College Hospital, Chennai and Govt. Coimbatore Medical College Hospital, Coimbatore

IFB No.: PKG19(R)-C1/ICB/TNUHP/JICA/TNMSC/ENGG/2022, Dt. 10.02.2023

Result of Evaluation

Sl. No.	Name of the Bidder with make and model	Responsiveness		Remarks/ Reason for rejection
		Technical Responsiveness	Commercial Responsiveness	
1.	M/s. Bio Implants Make: Liva Nova Model: S5/ Heater cooler – 3T	Responsive	Responsive	-----
2.	M/s. Heart Care India Make: Heart Care Model: HC-HLM-900/ Heater cooler - HC-HYP-009	Non - Responsive	Non - Responsive	Technical points: As per the specialist report the quoted model does not meet the following points: <u>A. Heart Lung Unit</u> i. Should have direct drive pumps and touch screen technology on pump heads. ii. It should have a precise and lockable central occlusion knob. iii. Should have a separate cardioplegia monitor unit below the system control panel. iv. Roller pumps should be easy to remove and reassemble. v. Transitioning from mains to back up power should not require any action from the user. vi. Bubble detector should detect bubbles of minimum 5mm diameter – <i>Minimum size not mentioned.</i> vii. Should have a multi positional system control panel. viii. Remote control for the heater cooler unit

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				<p>to allow control the patient temperature.</p> <p>ix. Should have safety certificate from a competent authority European CE or USFDA.</p> <p>x. Should have valid detailed electrical and functional safety test report from ERTL.</p> <p><u>B. Heater Cooler Unit</u></p> <p>xi. Should have USFDA or European CE certification.</p> <p><u>C. New Unique Modern Design Concept</u></p> <p>xii. Should be easy to manoeuvre (very good running, 180 degrees turn able wheels with foot-lever operated brakes).</p> <p><u>D. User Interface – Control unit</u></p> <p>xiii. Should have full graphic touch screen display with logical intuitive menus.</p> <p>xiv. Should have clear symbols and large figures.</p> <p>xv. The active navigation buttons should be visible all the time.</p> <p>xvi. All functionalities should be controlled through the touch screen and/or with a rotary knob.</p> <p><u>E. User Interface – Connections</u></p> <p>xvii. The data of the user interface should be transferrable to the Device via CAN.</p> <p><u>F. Fast Switching: Cooling – Heating – Cooling</u></p>

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				<p>xviii. The interior design should include an automatically controlled mixing valve.</p> <p>xix. Only the circulated water should be heated (not the tank water).</p> <p>xx. The rapid switching of temperatures should be applicable to both, the patient water circuit and the cardioplegia water circuit.</p> <p>xxi. The rapid switching of temperatures should be applicable to both, the patient water circuit and the cardioplegia water circuit.</p> <p><u>Commercial Points:</u></p> <p>1. Production capacity furnished for the last 5 years for Manufacturer Bidder does not meet the minimum requirement of the tender.</p> <p>2. Annual Turnover furnished for the last 5 years for Manufacturer Bidder does not meet the minimum requirement of the tender.</p> <p>3. Specific experience with satisfactory performance report for at least one year on the date of bid opening furnished for Manufacturer Bidder does not meet the minimum requirement of the tender.</p>

Sd/-

General Manager(Equipment)