



**SPORTS AUTHORITY OF INDIA**  
National Center for Sports Science and Research,  
IGSC, New Delhi – 110002

**FILE NO : 71-01001(03)/8/2024-NCSSR Division**

**05.02.2024**

**Subject: Procurement of Muscle Oximeter for Sports Physiology Department, NCSSR from Artinis Medical System for SAI NCOE Indira Gandhi Stadium Complex New Delhi on Proprietary Basis – Inviting Comments thereon.**

Sports Authority of India, New Delhi had initiated single tender enquiry to purchase the following item under the subject head above for Muscle Oximeter for Sports Physiology Department on Proprietary Basis. The details of single tender issued to the OEM(s) and prices quoted are detailed as below: -

S.No	Description	Details
1.	IFB Details	71-01001(03)/8/2024-NCSSR Division
2.	Item Name & Quantity	Muscle Oximeter -04 Unit
3.	Mode of Purchase	PAC
4.	Original Equipment Manufacturer	Artinis Medical System
5.	Authorized Agent	Hospimedica Int. Ltd., Delhi
6.	Specifications	<ul style="list-style-type: none"><li>• The device should be able to measure Real- time Oxy-, deoxy-, total hemoglobin, and tissuc</li><li>• saturation index (TSI) with Continuous-wave near-infrared spectroscopy.</li><li>• Supported with data analysis Software compatible with at least Windows 10 or later.</li><li>• Minimum 3x2 - Wave length light emitting sources</li><li>• The device should measure tissue Quebe saturation percentage and relative concentrations of</li><li>• muscle oxygenation</li><li>• The device should have the Communicating mode either Bluetooth or ANT+ or both</li><li>• The range of connectivity must be</li></ul>

		<p>greater than 100 meters.</p> <ul style="list-style-type: none"> <li>• Wavelength Should be greater than 700 nm from all the light emitting sources</li> <li>• Should be able to insert events in both online and offline modes.</li> <li>• Detectors should have ambient light protection.</li> <li>• The device must have a minimum of three (03) spacing distances used between the receiver and transmitters. The spacing distances can be adjustable or fixed.</li> <li>• Fast-charging battery with more than 6 hours of power backup on a single charge.</li> <li>• The device should have more than 50 hrs onboard data storage capacity.</li> <li>• The weight of the device should not exceed 80 grams including the battery</li> <li>• The size of the device should be small, preferably w/dh=<math>\sim</math>82 mm/<math>\sim</math>40 mm/<math>\sim</math>17 mm</li> <li>• The working ambient temperature should be 10 - 35 °C</li> <li>• Sampling rate not less than 8 Hz</li> <li>• The device should not have interference with any electromagnetic devices.</li> <li>• The equipment must be provided with dedicated laptop preinstalled a with data analysis software.</li> <li>• The instrument must be provided with synchronization device.</li> <li>• All required accessories must be provided with the equipment.</li> </ul>
7.	Unit Price inclusive of GST & 02 Year warranty as per bid received.	Rs. 22,44,000 (Twenty Two Lakh Forty Four Thousand Only/-)
8.	Total per unit CAMC charges for 03 years incl. of GST post completing of Warranty period	Rs. 5,67,411.43 (Five Lakh Sixty Seven Thousand Four Hundred Eleven and Forty Three Paise Only/-)
9.	Total financial implication inclusive of taxes	Rs. 28,11,411.43/-

	(Twenty Eight Lakh Eleven Thousand Four Hundred Elven Only/-)
--	---

The above details are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment / item within 15 days of issue of this notice with above reference at [nccsr.sai@gov.in](mailto:nccsr.sai@gov.in) failing which it would be presumed that no vendor(s) is having any comment(s) to offer and the case will be decided on merits.