

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI-29
STORES SECTION (DO)

Ref. No. 01/Stores(DO)/Pead.Surg/PAC/2021-22/FSC-I

Dated- 27/04/2021

Sub:- Purchase of "Monitor for Regional Oximetry – 20 Units. for the Department of Pediatric Surgery, at AIIMS, New Delhi-110029, on proprietary basis inviting comments thereon.

The Institute is in the process to purchase "Monitor for Regional Oximetry – 20 Units." for the department of Pediatric Surgery at AIIMS, New Delhi from M/s. Masimo Medical Technologies, USA through M/s. Gaur Surgicals, New Delhi The PAC Certifications by M/s. Masimo Medical Technologies, USA as well as the user department are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within 15 day from the date of issue/uploading of the notification giving reference No. 01/Stores(DO)/Pead.Surg/PAC/2021-22/FSC. The comments should be received in office of Stores Officer (FSC), Store Section (DO), Animal House Building, Near Biotechnology Building at AIIMS on or before 15/05/2021 upto 12.30 p.m. failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

Yours faithfully,


27/4/2021
SR. STORES OFFICER (DO)

Encl: Related documents enclosed.

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI - 110 029**

Proprietary Article Certificate (PAC) (Machinery & Equipment)

1. The indented goods are :Masimo Medical Technologies
Manufactured by M/s
2. Item Name : **Monitor For Brain Function Monitoring ,
Regional Oximetry, Oxygen reserve Index, Continuous Haemoglobin, Fluid
Responsiveness Monitoring .**
3. Model No. : ROOT WITH RADICAL -7
4. Vital Technical Performance Parameters : Monitor Measure Brain function monitoring,
Regional Oximetry , Oxygen Reserve Index, Continuous Haemoglobin, Fluid Responsiveness .
5. No other make or model is acceptable for : Proprietary product of M/S Masimo Medical
Technologies

It is certified that market survey has been done and found that no other manufacturer is manufacturing similar/equipment specifications which can fulfill the vital requirements of end user.

##Note 1: TSEC should clearly mention the vital functional parameters requirements which end user essentially require and are manufactured by only one manufacturer mentioned in serial no. di

[Signatures and Stamps of Medical Professionals]

Dr. Ananta Sen
Professor & Head
Department of Pediatric Surgery
All India Institute of Medical Sciences
New Delhi-110029

Dr. Vishesh Jain
Professor
Department of Pediatric Surgery
All India Institute of Medical Sciences
New Delhi-110029

Dr. Anjan Kumar Dhua
Professor
Department of Pediatric Surgery
All India Institute of Medical Sciences
New Delhi-110029

Dr. Prabudh Goel
Professor
Department of Pediatric Surgery
All India Institute of Medical Sciences
New Delhi-110029

Signature of TSEC
With Name, Designation, Department
and Hospital/Institute/DGHS



Masimo Medical Technologies India Pvt. Ltd
70/7 Miners Road, Malviya Boulevard, 2nd Floor
Bangalore 560052, Karnataka State

May 31, 2018

TO WHOM IT MAY CONCERN

This is to certify that the following technologies, and parameters are unique to pulse-oximeters and Co-oximeters manufactured by Masimo Corporation, are protected by patents, trademarks and or trade secrets as appropriate, and are proprietary to Masimo Corporation:

1. Signal Extraction Technology™ (SET™): Proprietary technology protected by patents, trademark, and trade secrets, that allow the measurement of oxygen saturation in the blood, in spite of motion (Otherwise known as 'read through motion') and low perfusion up to 0.02 Perfusion Index (PI)

2. Rainbow SET™ or Rainbow Technology: Proprietary technology protected by patents, trademark, and trade secrets, that allow the non-invasive and continuous measurement of the following parameters:

- i. Hemoglobin (SpHb)
- ii. Carboxyhaemoglobin (SpCO)
- iii. Methaemoglobin (SpMet)
- iv. Pleth Variability Index (PVI)
- v. Acoustic Respiration Rate (RRa)

The combination of these measurements in one device is unique to Masimo, and is available as required in Masimo's Radical & Pulse Oximeter, Rad9, Rad97, and Rad 97 with NIBP

Further, to the best of our knowledge, no other company or manufacturer in the market, other than those who have licensed the technology from Masimo, produces, or can offer SET™, Rainbow SET™, Read through Motion, or Read through Low Perfusion up to 0.02 Perfusion Index technologies and capabilities.

For and on Behalf of Masimo Corporation:



Bharat D. Monteiro
Country Manager - India & The Sub-continent

Dr. Vishesh Jain
सह-आचार्य / Associate Professor
शिशु शल्य विभाग / Department of Pediatric Surgery
All India Institute of Medical Sciences (AIIMS), New Delhi-110029

Dr. Anjan Kumar Dhua
सह-आचार्य / Associate Professor
शिशु शल्य विभाग / Department of Pediatric Surgery
All India Institute of Medical Sciences (AIIMS), New Delhi-110029

Dr. M. Bajpai
सह-आचार्य / Associate Professor
शिशु शल्य विभाग / Department of Pediatric Surgery
All India Institute of Medical Sciences (AIIMS), New Delhi-110029

Dr. Sandeep Agarwal
सह-आचार्य / Associate Professor
शिशु शल्य विभाग / Department of Pediatric Surgery
All India Institute of Medical Sciences (AIIMS), New Delhi-110029

Dr. Sandeep Agarwal
सह-आचार्य / Associate Professor
शिशु शल्य विभाग / Department of Pediatric Surgery
All India Institute of Medical Sciences (AIIMS), New Delhi-110029

Unit Load: 32 Lbs
Crate Cast: ~~320~~ Lbs
640

- डॉ. एम. बाजपई / Dr. M. BAJPAI
Professor & Head

12

10. Should have facility store patient parametric data and display trend up to 96 hours at 2 seconds sampling rate
11. Should have user configurable display setting and alarms for patient parameters
12. Should have Audible and visual alarms for High/Low Haemoglobin (SpHb), High/Low Spo2, High/Low pulse Rate, High/Low PVI, High/Low Oxygen reserve Index, Probe off, cable disconnects and low battery
13. **Display and Measurement Range**
 - Total Haemoglobin (SpHb) – 0-25 g/Dl
 - Oxygen Reserve Index – 0.00 – 1.00
 - Oxygen Saturation (Spo2) – 0- 100%
 - Pulse Rate (PR) – 25-240bpm
 - Perfusion Index (PI) – 0.02 – 20.5
 - Pleth Variability Index – 0- 100 %
14. **Accuracy**
 - Total Haemoglobin : 8-17 g/Dl
ACCURACY: +1g/Dl
 - Saturation range : 70 % to 100 %
Accuracy: +- 2%
 - Pulse Rate : 25-240bpm
Accuracy: +- 3bpm
 - Oxygen Reserve Index : 0.00 – 1.00
Accuracy : > 85 % sensitivity and > 80% specificity to a PaO2 value < 150 mm Hg
 - Trending Regional Oxygen Saturation (Rso2) ARMS – 3 %
 - Absolute regional oxygen Saturation (Rso2) ARMS – 4 %
15. **Resolution**
 - Total Haemoglobin (SpHb) – 0.1 G/Dl
 - Oxygen Saturation (SpO2) – 1 %
 - Pulse Rate (PR) – 1 bpm
 - Perfusion Index (PI) – 0.01 5
 - 24 Bits at 250 samples per second- Depth of Sedation Monitoring
16. Monitor should meet international quality and safety standards and should be USFDA and European CE approved product
17. The vendor should quote price for sensors valid for atleast Five Years
18. The patient monitor should be supplied complete with
 - a) Sensor for continuous Haemoglobin, ORI, PVI, Spo2, PI – 10 nos.
 - b) Sensor for regional Oximetry – 10 nos
 - c) Sensor for Brain function monitoring – 10 nos
19. Should be compatible for connectivity with patient safety Remote monitoring and Notification system
20. System should have warranty for 5 years and should quote CMC for next 5 years.

Dr. (H) Anil Kumar Soni
PGIMER & Dr. H.K.L. Hospital, New Delhi

Dr. Vishesh Jain
Associate Professor
Department of Pediatric Surgery
A.I.I.M.S., New Delhi-110029

Dr. RAJIV CHAUDHARY
Director Professor
Deptt. of Pediatric Surgery
L.N.M.C. & K.S.C. Hosp
New Delhi-110001

Dr. Sandeep Agarwal
Associate Professor
Department of Pediatric Surgery
A.I.I.M.S., New Delhi-110029

Dr. Abudh Goel



Masimo Medical Technologies India Pvt. Ltd
Biller's Pladium, 1st Floor
1973 Cunningham Road
Bangalore, Karnataka, 560052, India

94

Date: 09-04-2021

SECTION – XII MANUFACTURER'S
AUTHORISATION FORM

The Director
All India Institute of Medical Sciences Ansari Nagar, New
Delhi-110029, India.

Dear Sir,

Ref: Your TE document No for Monitor for Regional Oximetry for Pediatric Surgery Department.

We, Masimo who are proven and reputable manufacturers Of Monitor for Regional Oximetry . Having factories at USA, hereby authorize Gaur Surgicals having Reg. Office at 187 , W.No. 3 , Meherauli , New Delhi – 110030 to submit a bid, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also state that we are not participating directly in this bid for the following reason(s): Company has decided to quote the Tender through their Authorized dealer.

We further confirm that no supplier or firm or individual other than Messrs. Gaur Surgicals Having address at -W.No. 3 , Meherauli , New Delhi – 110030 is authorized to submit a bid, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us. We also hereby extend our full warranty, CAMC as applicable as per clause 15 of the General Conditions of Contract, read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this TE document.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorized agent and the spares for the equipment shall be available for at least 10 years from the date of supply of equipment.

We also confirm that the price quoted by our agent shall not exceed the price which we would have quoted directly"

Yours faithfully,

Bruno Corda – Country Manager, India and the Sub Continent



No. 187, W. No. 3, Mehrauli, New Delhi-110030
Dr. Samir K. Sharma
Sr. Surgeon, Pediatric Surgery & Nephrology
L.H.M.C. & K.S.C. Hospital, New Delhi-29

Dr. RAJIV CHADHA
Director - Professor
Dept. of Pediatric Surgery
L.H.M.C. & K.S.C. Hospital
New Delhi-110001