

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

Ref. No. 08/Stores(DO)/G.I.Surg/PAC/2019-20/FSC

Dated-01/08/2019

Sub:- Purchase of "Patient Monitor for Continuous Non Invasive Haemoglobin Monitoring – 01 No." for the Department of G.I.Surgery at AIIMS, New Delhi-110029, on proprietary basis Inviting comments thereon.

The Institute is in the process to purchase "Patient Monitor for Continuous Non Invasive Haemoglobin Monitoring – 01 No. at AIIMS, New Delhi from M/s. Masimo Medical Technologies ,USA through M/s. BR Biomedical Pvt. Ltd., 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. 08/Stores(DO)/G.I.Surgery/PAC/2019-20/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 19/08/2019 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,


11/8/19
SR. STORES OFFICER (DO)

Encl: Related documents enclosed.

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PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE

1. Item type/Model No. required along with specification.
2. Is the item a spare parts attachment or accessory for an existing equipment.
3. Name of the manufacturers/supplier of the item proposed by the Indentor.
4. Are they sole manufacturers/sold distributors of the item.
5. Is there any other item with similar/ equivalent specification available in the market to meet the job requirement envisaged. If the answer is yes, why the same can't be procured. Demanding officer should bring out comparative functional advantages/cost effectiveness of the recommended item from these offered by other.
6. What were the efforts made to locate alternative source of supply or use other substitutes.
7. Why open/limited tender can't be resorted to, for locating alternative source.
8. Are the proprietary items certifying that the rates are reasonable or not.
9. Any other justification for procuring item from single source.

> Patient Monitor for continuous non invasive Haemoglobin monitoring Model: Radical-7 Make M/S Marimo USA
No.

Marimo Medical Technologies (Marimo US)


Yes.


No.

Proprietary Item

It has been purchased on proprietary basis in January 2019 by Hospital stores
Yes.

Signature of
(Demanding Officer)


Dr. Sujoy Pal / Dr. Sujoy Pal
अध्यक्ष / Professor
Deptt. of GI Surgery & Liver Transplantation
अ.भा.आ.स., नई दिल्ली / A.I.I.M.S., New Delhi-110029


Renuk Sahni

COUNTERSIGNED
(Head of the Department) RENUK SAHNI
अध्यक्ष एवं विभागाध्यक्ष / Professor & Head

I certify that the item a/c No. 1 above is required to be procured on single tender basis as the source of supply is definitely known/the specified brand or functional advantages of the recommended item from the specified source and limited tender system could be adopted with as they would serve no useful purpose in this particular case.

(Strike out whichever is not applicable)

Patient monitor for Continuous Non Invasive Haemoglobin monitoring

1. Patient Monitor suitable for Non invasive Monitoring of Continuous Haemoglobin, Fluid Responsiveness, Perfusion Index, Pulse Oximetry and Pulse rate in patients
2. Should provide continuous Non Invasive Haemoglobin measurement and display to enable clinician manage blood transfusions during and after surgeries
3. Should be able to measure Continuous Noninvasive Hemoglobin, SpO2, Pulse rate, Perfusion Index and Fluid responsiveness(Pleth variability) through same single finger sensor
4. Bedside monitor Should have selectable SpO2 averaging Modes-2, 4, 8, 10, 12, 14 or 16 seconds & Sensitivity - APOD, Normal and Max
5. Monitor should have Multitouch Backlit TFT LCD Colour Display with Adjustable Brightness.
6. Should have inbuilt battery back up for atleast four hours
7. Patient monitor should have rotational colour touch screen with automatic change to horizontal or vertical view
8. Patient monitor should have facility to customize display to see parameter, waveforms or trends.
9. Patient monitor should have trend function with facility to select one or two parameters and move, expand or collapse parameter trend for real time analysis
10. Should have facility to store patient parametric data and display trend upto 96 hours at 2 seconds sampling rate
11. Should have user configurable display settings and alarms for patient parameters
12. Should have Audible and visual alarms for High/Low Hemoglobin (SpHb), High/Low SpO2, High/Low Pulse Rate, High/Low PVI, Probe off, cable disconnect and low battery
13. **Display and Measurement Range**
 - Total Hemoglobin (SpHb) – 0-25 g/Dl
 - Oxygen Saturation (SpO2)- 0 – 100%
 - Pulse Rate(PR) - 25-240bpm
 - Perfusion Index(PI) - 0.02-20%
 - Pleth Variability Index – 0 – 100%
14. **Accuracy**
 - Total Hemoglobin : 8-17 g/Dl
Accuracy : ± 1 g/Dl
 - Saturation Range : 70% to 100%
Accuracy : $\pm 2\%$
 - Pulse Rate : 25-240 bpm
Accuracy : ± 3 bpm
15. **Resolution**
 - Total Hemoglobin (SpHb) – 0.1g/Dl
 - Oxygen Saturation (SpO2)- 1%
 - Pulse Rate(PR) – 1 bpm
 - Perfusion Index(PI) – 0.01%
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 three years
 - a) The Patient Monitor should be supplied complete with Sensor for Continuous Haemoglobin, PVI, SpO2, PI - 10 nos

Peush Sahni

डॉ. पीयूष साहनी/Dr. PEUSH SAHNI
आचार्य एवं विभागाध्यक्ष/Professor & Head
जठरांत्र शल्य चिकित्सा एवं यकृत प्रतिरोपण विभाग
Deptt. of G.I. Surgery & Liver Transplantation
अ.भा.आ.सं., नई दिल्ली/A.I.I.M.S., New Delhi-29



डॉ. सुजोय पाल/Dr. Sujoy Pal
आचार्य/Professor
जठरांत्र शल्य चिकित्सा एवं यकृत प्रतिरोपण विभाग
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[Signature]

[Signature]

Dr. RAJESH PANWAR
Assistant Professor
Deptt. of GI Surgery & Liver Transplantation
All India Institute of Medical Sciences
New Delhi-110 029



Masimo Medical Technologies India Pvt. Ltd
70/2 Milers Road, Miller's Boulevard, 2nd Floor
Bangalore 560052, Karnataka State

September 3, 2018

TO WHOM IT MAY CONCERN

This is to certify that the following technologies, and parameters are unique to pulse- oximeter and Co-oximeter **Model Radical 7** manufactured by **Masimo Corporation**, is 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, even when there is 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 measurement of the following parameters:
 - i. SpMet (Methemoglobin)
 - ii. SpCO (Carboxyhemoglobin)
 - iii. Oxygen Saturation (SpO2)
 - iv. Pulse Rate (PR)
 - v. Perfusion Index (PI)

The combination of these measurements in one Patient Monitor Model Radical 7 is unique and Proprietary to Masimo.

Further, we confirm that no other company manufacturers or can offer the above combined technologies and features in one monitor.

We also hereby confirm that M/s BR Biomedical Pvt. Ltd., D-71, Corner Building Malviya Nagar, New Delhi- 110017, India is authorized to supply and service the above combination of products, technologies and solutions.

Yours faithfully,

For Masimo Medical Technologies India Pvt Ltd.,

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



डॉ. पीयूष साहनी/Dr. PEUSH SAHNI
आचार्य एवं विभागाध्यक्ष/Professor & Head
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