



All India Institute of Medical Sciences Jodhpur

Admn//Prop/35/2017-AIIMS.JDH

Dated: - 18th December 2017

Subject: Purchase of Non Invasive CVP & Jugular Venous Oximetry for the department of Anesthesiology at AIIMS, Jodhpur on proprietary basis - **Inviting comments thereon.**

The Institute is in the purchase of Non Invasive CVP & Jugular Venous Oximetry for the department of Anesthesiology at AIIMS, Jodhpur from M/s Mespere Lifesciences Inc. Canada on proprietary basis. The proposal submitted by M/s Meditech Innovations, New Delhi, New Delhi and PAC certification by user are attached.

The above document are being uploaded for open information to submit objection, comments, if any from any manufacturer regarding proprietary nature of the equipment within 21days of issue giving reference Admn/Prop/35/2017-AIIMS.JDH. The comments should be received by office of Administrative Officer, Medical College at AIIMS, Jodhpur on or before 08th January 2018 upto 03:00 PM 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,

Administrative Officer

Enclosed: Related documents enclosed.



All India Institute of Medical Sciences Jodhpur

Mes

Mespere Lifesciences
180 Frobisher Drive
Waterloo, Ontario, Canada
T: +1 519-884-7575 F: +1 519-8

MANUFACTURER'S AUTHORISATION LETTER

Nov 10th 2017

TO WHOMSOEVER IT MAY CONCERN

Dear Sir,

We Mespere Lifesciences Inc. located at 180 Frobisher Drive Suite 1C, Waterloo Ontario, Canada, N2V A2A is manufacturer of VENUS 2000 CVP and VO 100 Jugular Venous Oximetry.

We do hereby authorize M/S Meditech Innovations, 101A, FF, Street No.13, Pratap Nagar, Mayur Vihar phase I, New Delhi-91, India as our authorized Distributor for India They are authorized to bid negotiate and conclude the contract in India on behalf of us.

For Mespere Lifesciences Inc.

FOR MEDITECH INNOVATIONS



All India Institute of Medical Sciences Jodhpur

Specification:-

- The system uses Near Infrared Spectroscopy (NIRS) technology to measure venous hemodynamic without the need for invasive catheterization.
- The system able to monitor Non Invasive and continuous CVP and Jugular Venous Oximetry.
- The Measurement should be done via an adhesive neck sensor placed over the external jugular vein.
- Be able to display plethysmographic waveform
- The system should be FDA approved and CE marked.
- The device must be able to display CVP and S_{jo}O₂ trend
- The device shall comply with IEC 60601-1:2005 and IEC 60601-1-2:2007
- The CVP measurement range should be between 0 and 20 mmHg and S_{jo}O₂ Measurement Range should be between 0 – 100%
- The Display Monitor must have operating system WIN 7, WIN 8.1, or WIN 10
- The device must be able to function between 10 and 38 degrees Celsius, 30 to 70 percent humidity, and air pressure of 86 to 106 kPa.

Handwritten signatures and initials in blue ink:
A ✓
MS
Dhruv
G. S. K. S. S.
Kant
Jain



All India Institute of Medical Sciences Jodhpur

Mespe
LIFE SCIENCES

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For Mespere Lifesciences Inc.



All India Institute of Medical Sciences Jodhpur

Mespere
LIFE SCIENCES INC.

Nov 10, 2017

Mespere LifeSciences Inc.
180 Frobisher Drive, Suite 1C
Waterloo, Ontario, Canada, N2V 2A2
T: +1 519-884-7575 F: +1 519-884-8810

Proprietary Article Certificate

To Whom It May Concern:

We hereby certify that Mespere LifeSciences Inc. located at 180 Frobisher Drive Suite 1C, Waterloo, Ontario, Canada, N2V 2A2 is the sole manufacturer of the VENUS 2000 CVP and VO 100 Jugular Venous Oximetry.

The VENUS 2000 CVP and VO 100 Jugular Venous Oximetry enables you to choose the parameters needed to assess your patient's venous hemodynamics without the need for invasive catheterization. The VENUS 2000 CVP and VO 100 Jugular Venous Oximetry is Mespere LifeSciences' proprietary technology.

VENUS 2000 CVP Overview

The Mespere LifeSciences Inc. VENUS 2000 CVP displays a central venous pressure (CVP) value (in millimeters of mercury, mmHg), Fluid Variation Index (FVI) value (in percentage, %), and a plethysmographic waveform using non-invasive near-infrared and proprietary signal-processing technologies. The measured CVP and FVI are displayed at a refresh rate of approximately one (1) second.

VENUS 2000 CVP Intended Use

The VENUS 2000 CVP is intended to be used by healthcare professionals for assessment of central venous blood pressure (CVP) of adult individuals.

VO 100 Jugular Venous Oximetry Overview

The Mespere LifeSciences Inc. Model Mespere VO 100 Jugular Venous Oximetry displays venous blood oxygenation from the jugular vein (SjvO₂) value (in percentage, %), Tissue Perfusion Index (TPI) value (in percentage, %), Blood Volume Fraction (BVF) value (in percentage, %), and plethysmographic waveform using non-invasive near-infrared and proprietary signal-processing technologies. The measured SjvO₂ number, TPI, and BVF are displayed at a refresh rate of approximately one (1) second.

VO 100 Jugular Venous Oximetry Intended Use

The VO 100 Jugular Venous Oximetry is intended to be used by healthcare professionals for assessment of venous blood oxygenation through the jugular vein (SjvO₂) of adult individuals.

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For Meditech Innovation

[Handwritten signature]
Proprietor