



All India Institute of Medical Sciences Jodhpur

Admn//Prop/09/2017-AIIMS.JDH

Dated: 14th July, 2017

Subject: Purchase of Bidirectional Doppler Volume Flow Meter for Endoscopic Skull Base Surgeries for the department of ENT at AIIMS, Jodhpur on proprietary basis - **Inviting comments thereon.**

The Institute is in the purchase of Bidirectional Doppler Volume Flow Meter for Endoscopic Skull Base Surgeries System for the department of ENT at AIIMS, Jodhpur from M/s Hadeco Inc., 2-7-11, Arima, Miyamae-ku, Kawaski, 216-0003, Japan on proprietary basis. The proposal submitted by M/s Hadeco Inc., Japan and PAC certification by user are attached.

The above document are being uploaded for open information to submit subjection, comments, if any from any manufacturer regarding proprietary nature of the equipment within 21days of issue giving reference Admn/Prop/09/2017-AIIMS.JDH. The comments should be received by office of Administrative Officer, Medical College at AIIMS, Jodhpur on or before 14th August 2017 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

 **Hadeco**

Hadeco, Inc.

ISO9001&14001 certified

2-7-11 Arima, Miyamae-ku
Kawasaki, 216-0003, Japan

TEL +81 44-877-4361
FAX +81 44-855-7301

August 17, 2016

The Director
All India Institute of Medical Sciences (AIIMS)
Basni, Phase-II,
Jodhpur-342005 (Rajasthan), India.

PROPRIETARY CERTIFICATE

Dear Sir,

We, Hadeco, Inc., Japan, who are the sole manufacturer of Bidirectional Doppler Volume Flow Meter model DVM-4500 with 10MHz (Tip Dia – 2mm) / 20MHz (Tip Dia - 1.2mm) NP Bayonet Flexible Probe declare that it is our proprietary product.

We hereby authorize M/s Kody Medical Electronics Pvt Ltd to market the product in India.

We wish to inform you that M/s Kody Medical Electronics Pvt Ltd is our exclusive authorized distributor to market our range of vascular doppler for all over India.

Sincerely Yours,

Takuji Hakamada/ Sales Manager

Regards,



Takuji Hakamada



Hadeco, Inc.

2-7-11, Arima, Miyamae-ku,
Kawasaki, 216-0003, Japan
<http://www.hadeco.co.jp/>



All India Institute of Medical Sciences Jodhpur



KODY MEDICAL ELECTRONICS PVT LTD

Plot No.347, No.9, 12th East Street, Kamaraj Nagar
Thiruvannamlyur, Chennai-600 041.
Tel: 044-24483608. Fax: 044-24487920
Email: kodymedical@gmail.com, Web: www.kodymedical.com
24 Hrs Cell:9380223396

To,
The Director
All India Institute of Medical Sciences (AIIMS)
Basni, Phase-II
Jodhpur-342005 (Rajasthan)

August 18, 2016

Dear Sir,

TO WHOM SO EVER IT MAY CONCERN

We wish to introduce us that we are the company specializing in manufacturing and trading of Bio-medical equipment for more than three decades for the various specialties.

We are leading supplier for wide range of imported Vascular Doppler, Diabetic Foot Care Products (Diabetic foot assessment, Podiatry & Wound care machine) and Physiotherapy equipment etc.

We wish to inform you that we are authorized and sole distributor of M/s Hadeco Inc., Japan for their wide range of vascular doppler.

We are marketing the Hadeco vascular doppler for all over India. We are happy to supply you the Bi-directional Doppler Volume Flow Meter model DVM-4500 with its specialized intra-operative Bayonet flexible thin probes (sterilizable) and the regular probe against the purchase order from your esteemed institution.

Sincerely yours

For **KODY MEDICAL ELECTRONICS PVT LTD.**


BHUNESH KUMAR
(Zonal Manager)

TIN No : 33780920241
CST No: 53144 DL 28.07.1980

TAN No: CHEK00441A
CIN No: U70100TN1978PTC007641



Bidirectional Doppler Volume Flow Meter/Surgical Doppler

- Machine Display should have at least 10 inch TFT Colour Touch Screen
- Machine should have Bi-directional Doppler system
- It should have wave form mode for both ZCC type and Spectrum type
- Doppler machine should have setting range of blood vessel diameter from 0.1 to 20 mm
in step of 0.1 adjust ability system.
- It should have both measurement mode of KHz and cm/s selectable any one.
- It should have velocity range (FFT): 8 MHz (3 – 120 cm/s)
- Doppler machine should have compatibility of multi frequency probes means 4, 5, 8, 10 & 20MHz and PPG probe.
- Machine should come with combination of 8MHz Bi-directional doppler probe as a standard (Non-Intra-operative) probe and 20MHz Bayonet Flexible probe of 1.2mm diameter as Intra-operative probe.
- Machine should have Dual port of probe facility to connect at any two probe with the machine, It should have Detachable Probe Facility also.
- It should have facility for Non-invasive vascular Doppler testing, Intra-operative volume flow documentation, Venous compression studies, Pre & Post-operative evaluations.
- It should have multi frequency Intra-operational probe capability, Bi-directional & dual separation channel system.
- Machine may have FFT Mode: Spectrum Mode, Envelope Mode & Spectrum / Envelope
- Machine should have Colour Touch Screen Display with following:-
 - i) Real time Waveform with Automatic gain and base line control
 - ii) Numerical data- Blood Volume in ml/min (Max & Min), Blood Velocity in cm/s (Max & Min), Resistance Parameter, Systolic Diastolic Ratio, Pulsatility Index, Heart Rate 30-240 BPM)
- Machine should have at least 30 Waveform of Internal Memory and External memory through USB flash drive.
- It should have facility for Data Retrieval: Exporting to PDF & DICOM files for USB Flash Memory
- It should also have facility for Interface: USB Interface with Software for Transferring waveforms & Numerical data to computer. (DICOM Compatibility)
- Machine's operating through AC adapter: IN 120-240 V AC 50 Hz OUT : DC 15 V 1.2 A and Power Consumption about 1.2 A
- Machine's Speaker Output: 2.4 W (1.2W + 1.2W) Dual Speaker



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- Machine's Headset Output: Cuts off Speaker
- Machine's Weight should: 3.0 Kg Approx.
- Price of individual probes should be quoted separately
- Prior demo, if needed
- Should be US FDA or EUROPEAN CE Certified

- OPTIONAL PROBES:

1. 4MHz Bi-Directional Doppler Probe as a Standard probe (Non-Intra-Op)
2. 5MHz Bi-Directional Doppler Probe as a Standard probe (Non-Intra-Op)
3. 8MHz Bi-Directional Doppler Probe as a Standard probe (Non-Intra-Op)
4. PPG (Photo plethysmography) for Artery and Vein Study (Non-Intra-Op)
5. 10MHz Bayonet Flexible probe (2mm diameter) – Intra-operative probe
6. 20MHz Bayonet Flexible probe (1.2mm diameter) – Intra-operative probe
7. 20MHz Bayonet Non-Flexible probe (0.8mm diameter) – Intra-operative probe
8. 10MHz Tucking Flexible probe (3mm diameter) – Intra-operative probe
9. 10MHz Tucking Flexible probe (4mm diameter) – Intra-operative probe
10. 10MHz Tucking Flexible probe (5mm diameter) – Intra-operative probe

Jain

Kumar

B. S. Singh

R. S. Singh