

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

Ref. No. 07/Stores(DO)/Physio/PAC/2021-22/FSC-I

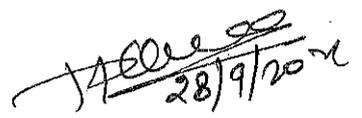
Dated- 27/09/2021

Sub:- Purchase of "Cuff-Based arterial stiffness and central aortic blood pressure measurement device – 01 No. for the Department of Biochemistry, at AIIMS, New Delhi-110029, on proprietary basis Inviting comments thereon.

The Institute is in the process to purchase "Cuff-Based arterial stiffness and central aortic blood pressure measurement device – 01 No. at AIIMS, New Delhi from M/s. ATCOR Medical PTY. Ltd, Australia through M/s. Vaso-Meditech Pvt. Ltd., Chennai. The PAC Certifications by M/s. ATCOR Medical PTY. Ltd, Australia 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. 07/Stores(DO)/Physio/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 16/10/2021 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,


SR. STORES OFFICER (DO)

Encl: Related documents enclosed.

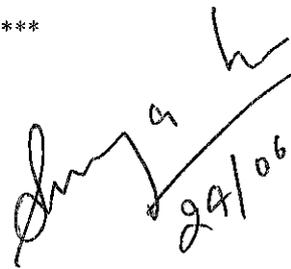
Item: Cuff-based arterial stiffness and central aortic blood pressure measurement device on proprietary basis

Quantity: 1
Estimated budget: 20 Lakhs

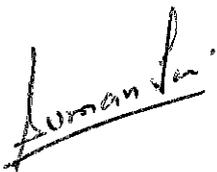
The device should:

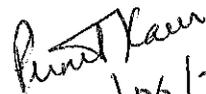
1. Be able to non-invasively measure central aortic pulse wave velocity by recording pressure pulse waveforms simultaneously from:
 - a. Carotid artery using applanation tonometry
 - b. Femoral artery using a cuff-based pressure sensor
2. Be able to measure brachial artery pressure non-invasively by oscillometry
3. Be able to generate aortic pressure waveform and compute aortic systolic, diastolic, mean and pulse pressures along with aortic augmentation index by performing pulse wave analysis of brachial artery pressure waveform recorded using cuff-based sensor
4. Have the algorithm for computation of aortic pressures validated against invasive measurements in human subjects
5. Be able to record systolic pressures ranging from 60 – 250 mmHg and diastolic pressures ranging from 40 – 200 mmHg
6. The entire unit comprising of cuffs, cables and the main hardware unit should be portable (weighing less than 1 Kg) for convenient use at bed side and field
7. Have a software module that can be installed in a PC/Mac for data acquisition, analysis of the data to calculate the parameters mentioned in points 1 and 3, database management of patients/subjects and generation and export of test reports and data acquired
8. The hardware module should have USB connectivity to communicate with the software installed in a PC/Mac
9. Operate in external AC power supply of 240V, 50 Hz
10. Onsite training by application specialists from the manufacturer/vendor should be provided.
11. Have US-FDA clearance for clinical measurement of arterial stiffness
12. Provide 5-year Warranty along with 6 – 10 year CAMC as per AIIMS, New Delhi norms

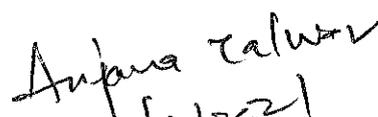

23/6/2021

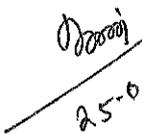

24/06/21

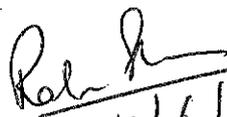

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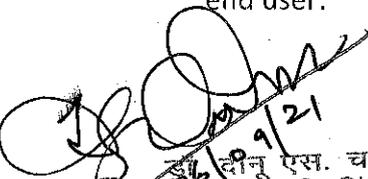
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ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI - 110029

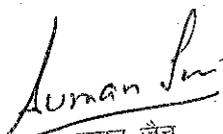
Proprietary Article Certificate (PAC) (Machinery & Equipment)

- (i) The indented good are manufactured by M/s: **AtCor Medical Pty Ltd, Naperville, Illinois, USA**
- (ii) Item Name: **Cuff-based arterial stiffness and central aortic blood pressure measurement device**
- (iii) Model No: **SphygmoCor XCEL PWA PWV**
- (iv) Vital Technical Performance Parameters required which makes the requirement proprietary^{###}:
The only validated system that can non-invasively measure central aortic blood pressure and carotid-femoral pulse wave velocity.
- (v) No other make or model is acceptable for the following reasons:
No other device that can non-invasively measure both carotid-femoral pulse wave velocity (Gold standard for central aortic stiffness) and central aortic blood pressures using validated transfer function.

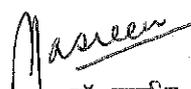
It is certified that market survey has been done and found that no other manufacturer is manufacturing similar/equivalent specifications which can fulfill the vital requirements of end user.


06/09/21

डॉ. दिनु एस. चन्द्रन
Dr. DINU S. CHANDRAN
सह-आचार्य/Associate Professor
शरीर क्रिया विज्ञान विभाग/Deptt. of Physiology
अ. भा. आ. सं., नई दिल्ली-110029
A.I.I.M.S., NEW DELHI-110029

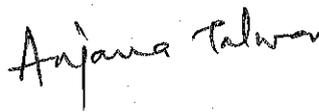


डॉ. सुमन जैन
Dr. SUMAN JAIN
आचार्य, शरीर क्रिया विज्ञान विभाग
Professor, Deptt. of Physiology
अ. भा. आ. सं./A.I.I.M.S.
नई दिल्ली/New Delhi-110029

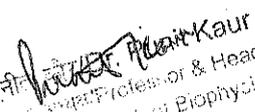


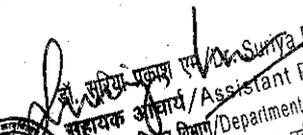
डॉ. नसरिन अख्तर, एम डी, पी एच डी
Dr. NASREEN AKHTAR, MD, PhD
सह-आचार्य/Associate Professor
शरीर क्रिया विज्ञान विभाग/Deptt. of Physiology
अ. भा. आ. सं., नई दिल्ली-110029
A.I.I.M.S., NEW DELHI-110029


Dr. Ratna Sharma
Professor-in-charge, Stores
Dept. of Physiology,
AIIMS, New Delhi-110029



डॉ. अंजना तलवार/Dr. Anjana Talwar
आचार्य/Professor
शरीर क्रिया विज्ञान विभाग/Department of Physiology
अ. भा. आ. सं./A.I.I.M.S.
नई दिल्ली-29/Ansan Nagar, New Delhi-29


डॉ. रानी कौर
आचार्य एवं अध्यक्ष/Professor & Head
जैवभौतिकी विभाग/Deptt. of Biophysics
अ. भा. आ. सं./A.I.I.M.S.
नई दिल्ली-29/Ansan Nagar, New Delhi-29



डॉ. सुरेश प्रकाश एम
Dr. Surya Prakash M
सहायक आचार्य/Assistant Professor
शरीर क्रिया विज्ञान विभाग/Department of Physiology
अखिल भारतीय आयुर्विज्ञान संस्थान, नई दिल्ली-110029
All India Institute of Medical Sciences, New Delhi-110029

Signature of TSEC

With Name, Designation, Department and Hospital/Institute/DGHS

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. (i)



30 June 2021

Prof. Randeep Guleria,
The Director, AIIMS New Delhi, India
Ansari Nagar, New Delhi – 110029

Dear Sir,

We hereby certify and confirm that the SphygmoCor XCEL Central Aortic Blood pressure and arterial stiffness measuring system (Model SphygmoCor XCEL PWAPWV) manufactured by AtCor Medical Pty Ltd, has unique features that are not offered by any other devices.

The SphygmoCor Central Aortic Blood pressure and arterial stiffness measuring system from AtCor Medical Pty Ltd has the following unique features:

- This device is the only validated system which can accurately measure both the central (aortic) pressure non-invasively and determines arterial stiffness, using the gold standard clinical method of measuring Pulse Wave Velocity, at the carotid artery and the femoral artery.
- This device also measures both the peripheral and the Central Augmentation Index (Aix),
- The General Transfer Function used by this device has been validated in more than 12 published, independent trials.

This device is used in all key research institutions around the world and has been referenced in over 1800 clinical papers, and is considered the gold standard device in this market segment.

M/s Vasomeditech Pvt Ltd, India is our sales and service representative for the Indian subcontinent.

Yours Sincerely,

Chris Dax

Chris Dax
President, ATCOR

[Signature]
06/09/21
[Signature]

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ATCOR, 184 Shuman Blvd Suite 515 Naperville, IL 60563
www.atcormedical.com

उपरोक्त आतिथिक प्रमाण पत्र
वैद्यकीय कक्षा/Control Room
असहकारिता/ATCOR
28 फरवरी/नया दिल्ली



SECTION XIV

MANUFACTURER'S AUTHORISATION FORM

The "Director"

All India Institute of Medical Sciences
Ansari Nagar,
New Delhi-29
India.

Dear Sir,

We, ATCOR MEDICAL PTY. LTD who are proven and reputable manufacturers of SPHYGMOCOR XCELL PWAPWV [Non Invasive Central Aortic Pressure Waveform Analysis and Pulse wave velocity] having factories at 11/1059-1063 Victoria Road, NSW 2114 Australia, hereby authorize Messrs VASO-MEDITECH PVT LTD No 4/77, Thanthai Periyar Street, Neelangarai, Chennai 600115, India to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the Tender documents for the above goods manufactured by us.

We further confirm that no supplier or firm or individual other than Messrs. VASO-MEDITECH PVT LTD No 4/77 Thanthai Periyar Street Neelangarai Chennai – 600115 India is authorised to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the tender documents for the above goods manufactured by us.

We also hereby extend our full warranty, CMC 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 Tender document.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorised agent. We also confirm that the price quoted by our agent shall not exceed the quoted price which we would have quoted directly.

Yours faithfully,

Name: Chris Dax

Designation: President, ATCOR Medical

For and on behalf of Messrs ATCOR MEDICAL PTY. LTD
11/1059-1063 Victoria Road, NSW 2114 Australia,

Date: 10 Aug 2021