



शरीरमाद्यं खलु धर्मसाधनम्
अ०भा०आ०सं०
A.I.I.M.S.

शरीर क्रिया विज्ञान विभाग
अखिल भारतीय आयुर्विज्ञान संस्थान
DEPARTMENT OF PHYSIOLOGY
ALL INDIA INSTITUTE OF MEDICAL SCIENCES

दिनांक:- 27.08.2022


It is submitted that the department of physiology needs to procure the following Purchase of Consumable Item's Ad instrument for e-tendering. The cost of the spares parts has mentioned the list.


Sr. No.	Items Name	Quantity	Price
1.	Medium Size finger cuff MLE 1058	02 Nos.	Rs.1,72,500.00
2.	Small size finder cuff MLE 1057	02 Nos.	Rs.1,72,500.00
3.	Midi HCU (Height correction unit) MLE 1060	01 No.	Rs. 98,000.00
4.	ST Respiratory Belt TN132	01 No.	Rs.40,000.00
5.	5 Lead Shielded Bio Amp Cable MLA 2540	01 No.	Rs. 26,957.00
6.	Shielded Lead Wires (B/RW, 3pk) MLA 2503	01 No.	Rs. 7,700.00
		Total Amount Incl. 12% GST	Rs. 5,79,787.84

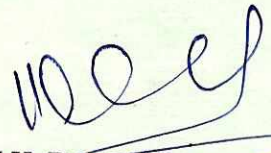
In this context, it is stated that as per para 14.2 "Financial Power of Capital Equipment" of AIIMS Purchase Mannual-2018 (F/A) that "for capital equipment, the concerned Chief of Centers/MS(H) Dean of sections/HOD's of Department of Main Hospital have been delegated powers of purchase upto Rs. 10 Lakhs. Such cases may be decided by HOD without referring to CPO/Store Section (DO) and Finance Division (Except pre-check during fund booking)."

In view of the above, the HOD Physiology may be approved for the procure of the above mentioned equipment's through e-tendering.

Submitted please.


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Addl. Professor
Deptt. of Physiology


(Dr. Ratna Sharma)
Prof. In-charge (Store)
Deptt. of Physiology


(Dr. K.K. Deepak)
Prof. & Head
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Technical Specifications: Consumable requirements for Autonomic Function Lab

Medium Size Finger cuff (MLE1058) Qty2.

- The finger cuff should be compatible with a human NIBP system to monitor trends in hemodynamic parameters continuously and non-invasively from finger arterial pressure changes.
- The finger cuff should have a cuff pressure maximum of 350 mmHg and Blood pressure accuracy of 1% of full scale (max. 3 mmHg) and It should be compatible with Existing Finometer™ (FMS) PowerLab™ System (AD Instruments).
- The cuff should be of optimal size to fit medium sized fingers.

Small Size finger cuff (MLE1057) Qty 2

- The finger cuff should be compatible with a human NIBP system to monitor trends in hemodynamic parameters continuously and non-invasively from finger arterial pressure changes.
- The finger cuff should have a cuff pressure maximum of 350 mmHg and Blood pressure accuracy of 1% of full scale (max. 3 mmHg) and It should be compatible with Existing Finometer™ (FMS) PowerLab™ System (AD Instruments).
- The cuff should be of optimal size to fit small sized fingers.

Height correction unit (MLE1060 MIDI HCU) Qty 1.

- Height Correction Unit to automatically adjust for hydrostatic pressure changes due to movement during experiments.
- The height correction unit should have an accurate height correction of 2 mmHg with manual zeroing and a Height sensing Range of ± 100 mmHg.
- It should be compatible with the existing PowerLab™ System (AD Instruments).

Respiratory belt (TN132/ST) Qty 1.

- The respiratory Belt sensor should measure changes in chest diameter resulting from breathing.
- The belt should produce a linear voltage proportional to changes in length and connects directly to a Pod (DIN) Port on a data acquisition system.
- It should be compatible with Existing PowerLab™ System (AD Instruments).

Lead Shielded Bio Amp Cable (MLA2540) Qty 1.

- A 5-lead shielded cable compatible with Bio Amp along with lead wires for recording biopotential signals from humans.
- The lead wires should be at least 98 cm in length with 4 mm Snap-On connectors for use with Disposable ECG Electrodes, Reusable ECG Electrodes, and Chest ECG Electrodes.
- It should be compatible with Existing PowerLab™ System (AD Instruments).

Shielded Lead Wires (MLA2503, B/R/W, 3 pk) Qty 1.

- Leads wires that are compatible with shielded Bio Amp cable (MLA2540) for acquisition of ECG signal.



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Date: 14/06/2022

To
The Director
Department of Physiology
All India Institute of Medical Sciences,
New Delhi-29

Sub: - Least price certification for your requirement for the purchase of "Consumables for Existing Powerlab System"

Dear Sir,

With reference to your requirement for the purchase of "**Consumables for Existing PowerLab system**". This is to certify that we have not provided/sold this item at a lower rate to any other institute. As per the current

For and Behalf of the financial year (2022-23)

M/S ADInstruments South Asia (I) Pvt. Ltd.


JKL PRASAD
Authorized Signatory




12th July, 2021

PROPRIETARY CERTIFICATE

To Whom It May Concern

This letter is to certify that ADInstruments Pty Ltd of Unit 13, 22 Lexington Drive Bella Vista NSW 2153 Australia is the only manufacturer of the **PowerLab® System, Lt® Software** and **LabChart Software** for Physiology Teaching and Research Applications.

*No other company manufactures and provides the **PowerLab®**, **LabChart** and **Accessories**.*

The accessories mentioned below is compatible with Human Non Invasive Blood Pressure System and only supplied by ADInstruments Pty Ltd.

MLE1057 Finger Cuff (Small)
MLE1058 Finger Cuff (Medium)
MLE1059 Finger Cuff (Large)
MLE1060 MIDI Height Correction Unit (HCU)

Note: Log on to <http://www.adinstruments.com> for regular updated information.

PowerLab® systems are manufactured under a quality system certified as complying with ISO 9001:2000 quality management systems & conform to International Safety standards. The CE mark is for EU directives along with CLASS 8750 81. Medical Electrical Certificate (Certified to US Standards). In accordance with European standards the systems comply with electromagnetic compatibility requirement under EN60601-1, which encompasses the EMC directive.

For ADInstruments Pty Ltd.



Authorized Signatory.