



**ALL INDIA INSTITUTE OF AYURVEDA (AIIA)**  
**GAUTAMPURI, SARITA VIHAR, MATHURA ROAD,**  
**DELHI 110076 (India)**

**Website: [www.aiia.gov.in](http://www.aiia.gov.in)**  
**Email: [central-store@aiia.gov.in](mailto:central-store@aiia.gov.in)**

Phone Number 011-26950401-2206

**F.No: M-15/74/2021-AIIA**

**Dated: 27.09.2022**

**Sub.: Notice Inviting Objections/Comments on procurement of Biosafety Cabinet under Proprietary Article Procurement for AIIA, Delhi -reg.**

A request has been received from **the Dept. of RNVV**, for procurement of '**BIOSAFETY CABINET**', under Proprietary Article basis. Total 01 Number of instrument is required.

2. The specifications of the equipment, PAC certificate from the Department and vendor with rate declaration certificate from the supplier are attached herewith.
3. The above documents as mentioned in Para 2 are being uploaded in public domain to invite comments/objections, if any, from the manufacturer/supplier regarding proprietary nature of the equipment/items within 21 days (i.e. 19/10/2022) from the date of issue of this notice giving the reference No. as M-15/74/2021-AIIA. The comments/objections should be received by office of the Store Officer over email address [central-store@aiia.gov.in](mailto:central-store@aiia.gov.in)/[store-keeper@aiia.gov.in](mailto:store-keeper@aiia.gov.in). In case, no objections received, it will be presumed that no other vendor is having any comment to offer, and case will be decided on merits to finalize the purchase subject to Make in India clause of Govt. of India.

  
**(Dr. Umesh Tagade)**  
**Joint Director**

**Encls.:**

1. PAC Certificate from Dept.
2. PAC Certificate from Vendor
3. Specification of equipment
4. Rate Declaration from Vendor



**Proprietary Certificate of Biosafety Cabinet**  
**(SubRule 166 (i) and 166 (iii) as applicable)**

- i. The indented goods are manufactured by M/s LABCONCO CORPORATION.
- ii. No other make or model is accepted for the following reasons:
- It has Omni-Flex™ two mode design (Type A and B mode) and two programmable working sash heights (8" and 10")
  - It has Fully scannable 99.99% supply and exhaust HEPA filters (99.999% ULPA filters available)
  - It has Dual Electronically Commutated Motors (ECM)
  - It has constant Airflow Profile TM (CAP) Technology airflow monitoring system
  - It has Active Protection Protocol that operates the cabinet's exhaust blowers for up to five minutes, in the event of exhaust system failure, preventing the flow of air into the laboratory
  - It has Air-Wave TM Entry System at access opening to enhance containment
  - It contain-Air™ Negative Pressure Channel at top of sash to enhance containment
  - It has MyLogic™ Operating System and interior-mounted, line-of-sight, full color, easy-to-understand LCD information center with: - Smart-Start™ System for start-up and shut down operations - Night-Smart™ System for idling the blower when the sash is fully closed (while in Type A mode only)- "Filter Life Remaining" bar graph for each HEPA filter - Status line for alarm conditions and alerts to warn when filter life diminishes to 20% and 0%
  - It has two electrical duplex receptacles with flush-mounted stainless steel soft-close covers.
  - It has curved waterfall design stainless steel inlet grille with Reserve-Air™ Secondary Airflow Slots
  - It has Chem-Zone™ work surface with dedicated direct exhaust for use with hazardous vapors or radionuclides
  - It has removable, type 304 stainless steel 3-piece work surface (dished Chem-Zone in center and two flat sides) with lift out knobs and clearly delineated working area (when handling chemicals)
  - It has touchpad on right-hand side post controls blower, light(s), timer, electrical receptacles, audible alarm mute and menu selection

At present, no India make model with above features is available and it is required for the

**गौतमपुरी, सरिता विहार, मथुरा रोड, नई दिल्ली -110076**

**Gautampuri, Sarita Vihar, Mathura road, NEW DELHI-110076**

E-mail: director@aiia.gov.in

Phone: 011-29948658

Fax: 011-29948660

20232/2022/RNVV



**अखिल भारतीय आयुर्वेद संस्थान**  
**ALL INDIA INSTITUTE OF AYURVEDA (AIIA)**  
**(आयुष मंत्रालय, भारत सरकार के अंतर्गत स्वायत्त संस्थान)**  
 (An Autonomous Organization under the Ministry of AYUSH, Govt. of India)

research focus in Ayurveda and will help in studying various physiological & pharmacological effects of various herbal extracts/ natural products in various cell lines and will elucidate the mechanism of diseases remission.

- iii. Concurrence of finance wing to the proposal vide:.....
- iv. Approval of the competent authority vide: Note# 122 of File No: M-15/74/2021-AIIA

*Richa*  
**Dr. Richa Tripathi**  
 (Scientist-E, Integrated  
 Translational Molecular  
 Biology unit, RNVV)

*Anand More*  
**Prof. Anand More**  
 (HOD, Deptt. Of RNVV)

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Date:- 30<sup>th</sup> August, 2022

To,  
The Director,  
All India Institute of Ayurveda,  
Mathura Road, Gautam Puri,  
Sarita Vihar, New Delhi -110076

**Subject :-** Manufacturing/Proprietary Certificate

**Dear Sir / Madam,**

**We, M/S LABCONCO CORPORATION** who are a proven and reputable manufacturer of Biosafety cabinet Type C1 – Axiom, having factories at 8811 Prospect Avenue, Kansas City, MO 64132 do confirm that the following items are manufactured by us. **Cat. No. 304481171** is proprietary product of Labconco Corporation having US patent No. 6,368,206 for patented Contain-Air™ Negative Pressure Channel\* at top of sash to enhance containment. This unit has following exclusive feature –

- Omni-Flex™ two mode design (Type A and B mode) and two programmable working sash heights (8" and 10")
- Fully scannable 99.99% supply and exhaust HEPA filters (99.999% ULPA filters available)
- Dual Electronically Commutated Motors (ECM)
- Constant Airflow Profile™ (CAP) Technology airflow monitoring system
- Active Protection Protocol that operates the cabinet's exhaust blowers for up to five minutes, in the event of exhaust system failure, preventing the flow of air into the laboratory
- Air-Wave™ Entry System at access opening to enhance containment
- Contain-Air™ Negative Pressure Channel at top of sash to enhance containment
- MyLogic™ Operating System and interior-mounted, line-of-sight, full color, easy-to-understand LCD information center with: - Smart-Start™ System for start up and shut down operations - Night-Smart™ System for idling the blower when the sash is fully closed (while in Type A mode only) - "Filter Life Remaining" bar graph for each HEPA filter - Status line for alarm conditions and alerts to warn when filter life diminishes to 20% and 0%
- Two electrical duplex receptacles with flush-mounted stainless steel soft-close covers.
- Curved waterfall design stainless steel inlet grille with Reserve-Air™ Secondary Airflow Slots
- Chem-Zone™ work surface with dedicated direct exhaust for use with hazardous vapors or radionuclides
- Removable, type 304 stainless steel 3-piece work surface (dished Chem-Zone in center and two flat sides) with lift out knobs and clearly delineated working area (when handling chemicals)
- Touchpad on right-hand side post controls blower, light(s), timer, electrical receptacles, audible alarm mute and menu selection

Sincerely,



## BIOSAFETY CABINET

### Specifications

1. Class II, should have two mode –  
Recirculation mode as Type A and Type B for duct to outside for chemical hazardous fumes
2. Unit should automatically handle HEPA filter chock to provide constant air pressure without relying on air flow sensor and Pressure sensor to reduce validation / calibration cost annually.
3. Size should not be less than 4 feet.
4. Sash Opening should not be more than 8-10 inches.
5. Inflow velocity – 100-105fpm
6. Down flow velocity – 55-60 fpm
7. Filter efficiency should be 99.99% (0.3µm).
8. HEPA filter strictly no ULPA filter as ULPA get chock earlier to HEPA.
9. Construction: Interior should be Stainless steel with side wall SS only. No painted wall should be provided inside which is not suitable to wiping with chemical or disinfecting cabinet.
10. SS 3-piece removable works surface for easy clean.
11. Microprocessor should have controlled large color LCD display, with real time life for both (inflow & Exhaust) HEPA filters.
12. Active Protection Protocol should be included that operates the cabinet's exhaust blowers for up to five minutes, in the event of exhaust system failure, preventing the flow of air into the laboratory
13. Curved waterfall design stainless steel inlet grille with Reserve-Air™ Secondary Airflow Slots
14. Contain-Air™ Negative Pressure Channel at top of sash to enhance containment
15. MyLogic™ Operating System and interior-mounted, line-of-sight, full color, easy-to-understand LCD information center with: - Smart-Start™ System for start up and shut down operations - Night-Smart™ System for idling the blower when the sash is fully closed (while in Type A mode only)- "Filter Life Remaining" bar graph for each HEPA filter - Status line for alarm conditions and alerts to warn when filter life diminishes to 20% and 0%
16. Chem-Zone™ work surface with dedicated direct exhaust for use with hazardous vapors or radionuclides
17. At least two electrical sockets should be provided.
18. Two DC ECM motor should be present for self-compensation.
19. System must maintain the airflow during remote blower failure.
20. Base stand should be provided from the same manufacturer.
21. It should be NSF 49 certified and list should be enclosed with bid.
22. Duct work and Remote blower should be provided.
23. Validation on site must be offered including Filter leak test, airflow, smoke test at least.
24. RS232 port should be provided to communicate with BMS.

25. Removable, type 304 stainless steel 3-piece work surface (dished Chem-Zone in center and two flat sides) with lift out knobs and clearly delineated working area (when handling chemicals)
26. Touchpad on right-hand side post controls blower, light(s), timer, electrical receptacles, audible alarm mute and menu selection
27. It should be provided with two numbers of 2 ton split AC and amp. (as required) to maintain the air flow of 750 CFM
28. Two numbers of media filtration unit including 2 litres of media collection flask (nozzle) and 2 L borosil screw capped bottles (media storage) and one vacuum pump system should be provided free of cost
29. The instrument should be provided with 5 years warranty and 5 years CMC after completion of the warranty period



January 11, 2022

Subject: Labconco Authorization

To Whom It May Concern:

**Labconco Corporation**, a company founded in 1925, is a world renowned laboratory equipment manufacturer having factories at 8811 Prospect Avenue Kansas City, Missouri & 2500 Liberty Bell Rd, Fort Scott, Kansas, USA. Some of our products include lyophilizers, glove boxes, vacuum concentrators, laboratory glassware washers, chemical fume hoods, biological safety cabinets and more. We sell exclusively through dealers and this letter is to confirm that:

**LABQUIP (INDIA) PVT LTD**


Contact: Mr. Sunil Pandey  
V Times Square, 5th Floor, Office No.513,  
Plot No.3, Sector - 15,  
CBD Belapur, Navi Mumbai - 400614  
Phone: 022-41275522

...is an authorized distributor of our full line of products in India.

**Labquip (India) Pvt Ltd** is authorized by Labconco to participate and submit quotations and tenders for all equipment manufactured by Labconco Corporation and to furnish after sales warranty, technical service and annual maintenance.

This authorization continues in effect as of this date for one year. Review for continuation will occur at end of yearly period.

Sincerely,

  
Mona Daniels  
International Operations Manager  
For and On Behalf of the Labconco Corporation



Date:- 15<sup>th</sup> September 2022

To,  
The Director,  
All India Institute of Ayurveda,  
Mathura Road, Gautam Puri,  
Sarita Vihar, New Delhi -110076

Subject :- Price Declaration

Dear Sir / Madam,

We Labquip India private Limited hereby declare that offered prices are our best possible discounted price. We have not sell offered product below then the quoted price to any institute of National importance / reputed central / state government Hospital / Organization in current financial year. We also declare that we will not quote below to quoted price to any institute of National importance / reputed central / state government Hospital / Organization in current financial year.

For Labquip India Private Limited

**Bhushan Gulati**  
9310106381  
(Business manager – North)

**LABQUIP (INDIA) PVT. LTD.**  
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