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भारत सरकार/Government of India
स्वास्थ्य और परिवारकल्याणमंत्रालय/ Ministry of Health and Family Welfare
प्रधानमंत्री स्वास्थ्य सुरक्षा योजना/PMSSY
अखिल भारतीय आयुर्विज्ञान संस्थान/All India Institute of Medical Sciences
मंगलगिरि, आंध्र प्रदेश/Mangalagiri, Andhra Pradesh

No.: AIIMS MG/Procurement/ PAC /2021-22/ Mobile VOC absorption unit.


Date: 19/04/2022

CALL FOR OBJECTION

AIIMS Mangalagiri has a requirement of **Mobile VOC absorption unit** for the department of Anatomy. In this regard comments/ objection, if any are invited before declaring the article as proprietary in nature.

In this regard, the proposal submitted by **M/s BR Biomedical (P) Ltd.**, D-71, Malviya Nagar, New Delhi (sole agent of the manufacturer **M/s. Airinspace, France** of this product) along with Proprietary Article Certificate are attached and duly uploaded on Institute website for open information to submit objections/comments, if any from any manufacturer/ supplier before declaring the article of the said equipment/items to be procured as proprietary.

The objections/comments should be sent to the O/o AO (Procurement), 4th floor, Nursing College building, AIIMS Mangalagiri, Guntur, Andhra Pradesh 522503 in a sealed envelope with the above reference on or before 29/04/2022, 3:00 PM, failing which it will be presumed that any other manufacture/vendor is having no objections/comments to offer and the case will be decided on merits.


AO (Procurement)
For Director, AIIMS Mangalagiri

Enclosure:

1. PAC of Department
2. PAC of Manufacturer
3. Technical Specification sheet

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P-3 FORM
(To be attached with P-2 form for Proprietary items)
AIIMS Mangalagiri

PROPRIETARY ARTICLE CERTIFICATE

It is certified that the item Mobile VOC absorption unit **Make: Airinspace France** ", required in the P2 form, is a proprietary and unique product manufactured by **Airinspace France** and should be purchased from **M/s BR Biomedical (P) Ltd., D-71, Malviya Nagar, New Delhi - 110017**. To the best of my knowledge **BR Biomedical (P) Ltd.**, is the sole agent of the sole manufacturer **Airinspace France**

Similar items manufactured by other firm(s) shall not be suitable for our purpose for the following reasons:-

This is the only Unit which provides

1. High capacity absorption of more than 30 chemical and volatile organic compounds including Formaldehyde, NO, NOX, etc without the use of any form of gases , chemical product consumption and any light wavelength ,with high efficiency airflow rate upto 1800 m³/h
2. This is HPA, DGKH and CNRS approved with supportive documents and have proven efficacy for VOC absorption supported by efficacy reports from independent laboratories.

Above features are important and beneficial for maintaining a safe environment in anatomy dissection halls and lab and these features are not available in any other product

Sign of Indenter
Designation
Department

Recommendation:

Signature of Head of Department / Section

N.B. : The indenter before recording the above certificate should satisfy himself that the article is genuinely of proprietary nature manufactured under patent laws.



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27th Sep 2021

Proprietary product statement

To Whom it may concern

This letter is to confirm that the eCHEM-VOC range of products, comprising Sentinel and Guardian models, use a combination of chemical adsorbent additives to efficiently remove volatile organic compounds specifically the Aldehyde group (Formaldehyde), Nitrogen Oxide, Ozone, etc.

The process uses two separate filtration modules with the first having over 5 m² surface area with an adsorption characteristic for acetaldehyde comprising activated carbon sufficient to adsorb over 600mg/m². The second module uses potassium permanganate to adsorb Toluene, n-Butane, and Sulphure dioxide.

This combination and regulated internal process is a proprietary technology and the eCHEM product is exclusively manufactured by Airinspace in France.

We also confirm that the above mentioned products with its published specifications are not manufactured by any other manufacturer in the world either under license or agreement.

Yours faithfully,

Stephane Chatenet
C.E.O. Airinspace



www.airinspace.com

airinspace S.E. - 14 rue Jean Monnet - 78990 Elancourt - France

Société au capital de 4 232 428,145 Euros - RCS Versailles 789460995 - NAF 7112B - SIRET : 789 460 995 00036 - N° TVA : FR54789460995

Technical Specification for Mobile VOC absorption unit

1. Should have a high capacity for chemical absorption to provide a safe working environment in dissection halls ,laboratories and hospitals
2. Designed to be used continuously in presence of patients, and in laboratories to reduce oxidation or chemical contamination in the air.
3. Should be able to absorb Formaldehyde, NO, NOX, etc
4. Should have selectable Air flow speed from 400 to 1800 m³/h in increment of 1 m³/h
5. Should also have a boost mode for quick response and increase in airflow speed to tackle sudden surge in airborne VOC for safety of patients/staff
6. Should have low Noise level ≤41dbA at 600m³/h
7. The Unit should not require any form of gases ,any chemical product consumption and any light wavelength to reduce airborne VOC for operators/patient safety and ease of operation
8. The unit should be equipped with Prefilter with capacity to filter up to 10 microns size particles. Supportive document for the same should be provided.
9. Should have a LCD touch screen to select and monitor operating parameters including Air flow speed ,Day/Night Mode, unit performance & malfunctioning errors
10. Unit should be minimum 4 feet height for better air circulation
11. The unit should be HPA, DGKH and CNRS approved with supportive documents
12. Should have proven efficacy for VOC absorption supported by efficacy reports from independent laboratories.
13. Unit should have a USB port to access and transfer unit performance data and records
14. The unit should European CE compliant for EME, EMC standards
15. Should be easy and fast to deploy and install without any civil work requirement
16. The unit outer body should be made of non-corrosive material to withstand Laboratory environment
17. The device should be able to be used continuously 24 hours/day and 7 days/week
18. The Device should not require any weekly or monthly cleaning procedure to avoid human error and for ease of use
19. Should be easy to clean and maintain with easy to access components without requirement of tools
20. Mobile unit, floor standing with rotating castor wheels, 2 lockable
