



F-No.-AIIMS/JMU/BOO/2024-25/LP/ 23

Dated: 22 January, 2025

Inviting Quotations for Purchase of Equipment required for the Department of Forensic Medicine, at AIIMS, Vijaypur Jammu.

QUOTATION NOTICE

Sealed quotations are invited from intending registered Stockiest / Distributors having GST and relevant documents for Purchase of Equipment required for the Department of Forensic Medicine, at AIIMS, Vijaypur Jammu. The quotation with copy of certificate of GST & other documents should be submitted to Procurement Section at AIIMS, Vijaypur, District Samba, Jammu (184120) up to 29-01-2025 till 03:00 pm. The quotations will be opened on the same day at 04:00 pm. Details of Equipment are given as under:-

S. No.	Name of Equipment	Make/Model	Qty.	Packs Size/Unit	HSN Code	Basic Price	GST %	Total Cost Inclusive of GST
1	Air Purifier		01					

Terms & Condition

1. Firm to mention Make/Brand name in their quotation.
2. GST, if any (Kindly mention in above table) should be clearly mentioned in the offer.
3. Document relating to registration of firm i.e., GST number and relevant document should be submitted along with quotation.
4. GST/other taxes please may be included in your quotation with the price in separate column.
5. The aforementioned items must confirm to the specifications attached as Annexure-1.
6. Supply should be made within 15 days from the date of purchase order.
7. Price should be for Destination basis (i.e., concerned department).
8. Payment will be released after certification from HOD of Concerned Department / Inspection committee of AIIMS, Vijaypur, Jammu.
9. **Quotation Name, Name of Department and No. must be mentioned on top of envelope.**
10. Liquidated damage shall be @ 0.5% for delayed supply per week or part of week for delay subject to maximum of 10%.
11. AIIMS, Vijaypur, Jammu reserves the right to place order for full or part quantity to one or more firms. The AIIMS, Jammu reserves the right to increase/ decrease the number of required quantities all other terms & condition.
12. Sealed quotation should be submitted by speed post/ copy courier/ by hand to Procurement Section, AIIMS, Vijaypur, District Samba, Jammu (184120) up to 29-01-2025 till 03:00 pm.
13. **Vendors would get their sample check by user department through procurement section before the last date of quotation opening.**
14. **Validity of quotation should be 90 days from the date of opening.**
15. **Sample to be submitted as and when required by the institute.**



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, VIJAYPUR, JAMMU-184120
(A Central Autonomous Body under PMSSY, MoH&FW, Government of India)

16. Firm to submit documentary evidence in support of claim of GST at the time of submission of bills.
17. All column given in quotation should be filled otherwise quotation will not be accepted.
18. Demo of the Item is must for quality check before the last date.
19. Please mentioned Email-id and Contact Number in the quotation.

Dr Raksha Kundal
Chairperson,
Store Purchase Committee,
AIIMS, Vijaypur, Jammu

Air Purification Module: Specification

- Filtration:**
 - **Pre-Filter:** Removes particles $\geq 50 \mu\text{m}$
 - **HEPA Filter (H13 Grade):** Removes $\geq 0.3 \mu\text{m}$ particles at high efficiency
 - **Activated Carbon Filters (x2):** Reduces VOCs (e.g., formaldehyde, anesthetic agents)
- Advanced Components:**
 - **Nano TiO₂ Photocatalytic Filter:** Continuous decomposition of VOCs and microbial load
 - **UV Germicidal Irradiation (2 Lamps):** Minimum 16 W each to kill microorganisms
 - **Plasma Cluster Ion Generator:** Neutralizes charged pollutants and reduces particulate matter
- Monitoring & Safety Features:**
 - **UV Intensity Monitoring:** Real-time indication (visual or acoustic) for cleaning/changing UV lamps
 - **HEPA Filter Monitoring:** Real-time indication (visual or acoustic) for filter choking or integrity breach
 - **Construction:** Non-conducting, shock-proof material
 - **Noise Level:** $\leq 45 \text{ dB}$

Enhanced Air Decontamination Module

- Technology:**
 - Utilizes flash thermal energy for air decontamination
 - No use of ozone, toxic chemicals, or disinfectants
 - Fan-free, chemical-free, and noiseless operation

Controller System

- **Remote Operation:**
 - Enables turning the air purification and enhanced decontamination modules on/off remotely.
 - Allows independent use of individual modules as needed.

Aerial Fumigation Module

- Particle Conversion:**
 - Converts disinfectant into droplets of $0.1\text{--}10 \mu\text{m}$ in size
 - Particle throw: up to 15 feet
- Coverage & Material Construction:**
 - Suitable for areas: $100\text{--}1,000 \text{ ft}^2$
 - Corrosion-proof, durable glass-filled nylon body
 - Compatible with all water-based disinfectants (acidic, alkaline, oxidizing, quaternary ammonium, peroxide, silver nitrate combinations)
 - SS316 nozzle for high durability
 - Integrated air intake and reservoir filters
- Reservoir & Operation:**
 - HDPE tank with capacity $>6 \text{ L}$
 - Visible disinfectant level indicator
 - Integrated 0–60 min timer on fogger body
 - Supplied with a 360° rotational stand for complete area coverage
 - Operates independently

Certifications

- CDSCO Certified Class B Medical Device
- Manufactured in an ISO 9001:2008 and ISO 13485:2016 (from CDSCO approved notified body) certified facility
- IEC 60601-1:2005 + A1:2012 + A2:2020 certified for electrical safety

Warranty

- The equipment shall be provided with a **minimum two-year comprehensive on-site warranty** covering all components, parts, and labor. Any faults arising during the warranty period shall be rectified or replaced promptly at no additional cost to the purchaser.

Air Purification and Decontamination system

The system should be designed to kill Bacteria, viruses and fungus in the indoor air.

It should eliminate other environmental pollutants like particulate matter and VOC (odor causing compounds)

Should have a module for air purification and a separate module for enhanced air decontamination.

Should be suitable for areas Up to 40 square meters

Air Purification Module

- Should have multi-stage mechanical particle arrestors for removing particles with a very high efficiency
- The particle arrestors should comprise of a pre-filter (to remove particles of 50 microns and more) and a HEPA filter of H13 grade to remove particles above 0.3 microns in size.
- Should have two activated carbon filters for removal of volatile organic compounds (VOC) like formaldehyde, anesthetic agents etc.
- Should have nano TiO₂ photocatalytic filter for continuous decomposition of VOCs and reduction of microbial load in the ambient air.
- Should have two Lamps, using Ultra-Violet Germicidal Irradiation technology for killing microorganisms. Each UV lamp should have a minimum output of 16 Watts.
- Should have a plasma cluster ion generator for removal of particulate matter (negatively and positively charged pollutants)
- The system should have continuous, real-time monitoring of the UV intensity. It should indicate the requirement of cleaning or changing UV lamps based on the UV intensity, in real-time. The indication should be either visual or acoustic.
- It should have continuous real-time monitoring of HEPA filter. It should give an indication in case of choking or breach of filter integrity. The indication should be either visual or acoustic.
- The air purification module should be made of non-conducting, shock proof material.
- The noise level of air purification module should be less than or equal to 45 dB.

Module for enhanced Air Decontamination

- Should use flash thermal energy for decontamination of air
- Should not use any toxic chemical like ozone or disinfectants for air disinfection and decontamination
- Should be fan free & chemical free
- Should be noiseless

Controller System

Air filtration and the enhanced air decontamination module should be turned on/ off remotely using one controller
The user should have flexibility to use all modules individually also

Module for Aerial Fumigation

- It should convert the aerial disinfectant being used into nearly invisible droplets of particle size 0.1 -10 microns.
- The throw of generated particles should be up to 15 feet
- Should be suitable for 100 ~ 1,000 square feet
- Should be made of corrosion proof, durable glass filled nylon
- Should be Compatible with all types of water based disinfectants including acidic, alkaline, oxidizing, quaternary ammonium based, peroxide and silver nitrate combination
- Nozzle should be made of SS316
- Should have an integrated air intake filter
- Should have an integrated reservoir filter
- The tank should be made of HDPE and the capacity should be >6Lit
- Disinfectant Level should be visible in the tank
- Timer of 0~60 minutes should be integrated with the fogger body
- Should be supplied with a rotational stand which rotates at 360° for complete coverage of the area to be fumigated
- It should work in independent mode only

Certifications

- The quoted equipment should be a CDSCO certified Class B medical device.
- The machine should be manufactured in an ISO 9001-2008, ISO 13485-2016 (from CDSCO approved notified body) certified facility
- The product should be IEC 60601-1:2005+A1:2012+A2:2020 certified for electrical safety