
 <p>भा.कृ.अ.प. ICAR</p>	<p>पादप कार्यिकी संभाग DIVISION OF PLANT PHYSIOLOGY भा.कृ.अ.प.—भारतीय कृषि अनुसंधान संस्थान ICAR-Indian Agricultural Research Institute नई दिल्ली—110012 (भारत) NEW DELHI - 110 012 (INDIA)</p>	
--	---	---

फाईल सं०: 51-9/BSC/GET/12-197-B

दिनांक: 19/02/2025

GeM के माध्यम से ई-खरीद हेतु सूचना
NOTICE FOR E-PROCUREMENT THROUGH GeM

Online GeM e- bid are invited from reputed Manufacturere/Supplier/Authorized dealer in two bid system (Technical and Financial) for purchase of scientific equipment **Biological Safety Cabinet Class - III with accessories and Power Backup** on behalf of Director, ICAR-Indian Agricultural Research Institute, New Delhi. Please visit www.iari.res.in for details Rules and Regulation and log in www.gem.gov.in for online e-bidding.

जैम बिड का विवरण निम्नलिखित है / Details of Gem Bid are as follows:

जैम बिड संख्या / GeM Bid No.	GEM/2025/B/5968365
बिड जमा करवाने की तिथि एवं समय / Bid Submission start date and time	18-02-2025
बिड बंद होने की तिथि एवं समय / Last Date & Time for submission of bid	12-03-2025 13.00
बिड खुलने की तिथि एवं समय / Date & Time for opening of Technical Bid	12-03-2025 13.30


सहायक प्रशासनिक अधिकारी
Asstt.Admn.Officer

TECHNICAL SPECIFICATIONS

Biological safety cabinet (Class III) with accessories and power back-up

- 1) Air velocity of the Biological safety cabinet should be vertical with 30% air exhaust and 70% air inside re-circulation.
- 2) Working area should be made of heavy-duty Stainless steel grade material.
- 3) Outer body should be made of anti-bacterial powder coated/Epoxy or equivalent material.
- 4) Working opening: Minimum 200mm or better.
- 5) Should incorporate HEPA filter and having efficiency of 99.999% at 0.3 μm particle size or better.
- 6) Should be fully microprocessor controlled with display to monitor safety parameter.
- 7) Front window/sash should be made of laminated toughened/tempered glass.
- 8) One UV light 20-30W (254 nm or better) and 1-2 fluorescent lighting LED 20-25W (>800 lux).
- 9) Universal Service fittings for gas and air should be provided.
- 10) Should have power/electrical socket for operating small devices.
- 11) Average inflow velocity should be 0.50-0.55 m/s.
- 12) Average down flow velocity should be 0.30-35 m/s.
- 13) The cabinet noise level should be less than ≤ 65 dB(A).
- 14) Cabinet should be NSF-49/ EN 12469 or CE certified.
- 15) The internal dimension should be minimum 1100 x 600 x 650 mm or more.
- 16) The external dimension should be 1300 x 850 x 1500 mm (± 50 mm) or better.
- 17) Power supply should be 220-230V.

Additional Supplies Required

- 1) Illumination lamp
- 2) UV lamp
- 3) Exhaust blower with duct
- 4) Two power Socket
- 5) Base stand inclusive
- 6) Online UPS 2KVA with minimum 1 hr backup.
- 7) Original literature and operating manual should be available on webpage of manufacturer.
- 8) Comprehensive Warranty: Minimum 1 Year
- 9) Vender should install system in proper Biological facility approx. 50 square meter area or more including the supply and partition of chambers, electricity, plumbing and other minor requirements to fit the cabinets.