

TENDER DOCUMENT

**(PURCHASE OF WALK-IN PLANT GROWTH
CHAMBER)**

2025-26



ICAR – CENTRAL INSTITUTE FOR COTTON RESEARCH

POST BAG NO.2, SHANKAR NAGAR POST OFFICE, NAGPUR - 440010



ISO 9001 – 2015 Certified

**Near Khapri Phata, Panjari, Wardha Road,
Nagpur – 441108**

**(Phone No. 07103 – 275637 / 38 / 39,
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{Location: Near Khapari Phata, Panjari, Wardha Road, Nagpur - 441 108}

An ISO 9001-2015 Certified

GST No. 27AAAAI1830P3ZH



F. No. (50)St./Walk-in Plant Growth Chamber/HQ NGP/2025-26

Date: 27.01.2026

NOTICE INVITING E-TENDER

Online bids are invited by the Director, ICAR-Central Institute for Cotton Research (CICR), Nagpur, through the GeM Portal under a two-bid system (Technical Bid and Financial Bid) from manufacturers/firms or authorized dealers for the supply of a Walk-in Plant Growth Chamber at ICAR-CICR, Nagpur.

Sl. No.	Name of the Equipment	EMD (₹)	Tender Fee (DD) (₹)
1	Walk-in Plant Growth Chamber – 1 No.	36,000/-	NIL

Note: EMD Calculated @2% of the Budgeted amount.

Last date & time for submission of online bid: as per the GeM bid document

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Administrative Officer

TERMS AND CONDITIONS:

1. The validity of the tender shall be 180 days from the date of opening of the tenders.
2. All tenderers shall submit an undertaking confirming that they will provide after-sales service for the equipment/machine and ensure the availability and supply of all spares and consumables for a minimum period of ten (10) years from the date of installation.
3. The warranty/guarantee period of the equipment/machine shall be invariably specified and shall be in accordance with the GeM category specifications of the equipment.
4. Firms qualifying in the technical specifications may be required, if deemed necessary, to demonstrate the performance and working of the quoted model of the equipment/machinery.
5. Any inferior supply not conforming to the prescribed technical specifications shall be rejected at no cost to this Centre.
6. **The qualification criteria are provided in the checklist and are uploaded along with the tender.**

7. Delivery Schedule:

- i. Delivery shall be completed within forty-five (45) days from the date of opening of a clear and acceptable Letter of Credit for imported goods/components.

8. Terms of Delivery and Destination:

- i. F.O.R. destination: ICAR-Central Institute for Cotton Research, Near Khapri Phata, Panjari Farm, Wardha Road, Nagpur – 441108.
9. Indian agents/firms quoting rates on behalf of their principal must enclose a valid **Authorization Certificate** issued by the principal firm along with the tender. An agent shall not represent **more than one supplier** for the same tender.
10. The checklist (attached with the tender document) shall be duly filled in, signed by the tenderer, and uploaded along with the tender.
11. Any other terms and conditions, if applicable, shall be provided along with the tender forms.
12. The Director, ICAR-Central Institute for Cotton Research (CICR), Nagpur, reserves the right to accept or reject any or all tenders, in whole or in part, without assigning any reason thereof.
13. **Firms registered under NSIC/MSME, etc., shall be exempted from payment of Earnest Money Deposit (EMD), subject to submission of valid documentary proof.**

14. Any tender not accompanied by the prescribed Earnest Money Deposit (EMD) shall be summarily rejected.

15. Liquidated Damages:.

Subject to GCC Clause 25, if the supplier fails to deliver any or all of the goods or perform the services within the time period[s] specified in the contract, the purchaser shall without prejudice to its other remedies under the contract, deduct from the contract price as liquidated damages, a sum equivalent to 0.5% (half percent) of the delivered price of the delayed goods or unperformed services for each week of delay or part thereof until actual delivery or performance up to a maximum deduction of 10% (ten percent) of the delayed goods or Services contract price. Once the maximum is reached the purchaser may consider termination of the contract if the same have not been terminated already.

Further, during the above-mentioned delayed period of supply and/or performance, the supplier, notwithstanding any stipulation in the contract for increase in price for any ground shall not be entitled to any increase in price and cost whatsoever, which take place during the period of delay. But, nevertheless, the purchaser shall be entitled to the benefit any decrease in price and cost on any ground during that period of delay

16. Performance Security:

Within fifteen (15) days, the successful tenderer shall furnish to the purchaser the **Security Deposit equivalent to 5% of the equipment cost**.

- i. The Security Deposit shall be in one of the following forms: (a) Bank Guarantee, issued by a reputed bank or Demand Draft payable at Nagpur and drawn in favour of "**The Director, ICAR-CICR, Nagpur**".
- ii. Failure of the successful Tenderer/bidder to sign the contract and/or furnish the Security Deposit shall constitute sufficient grounds for the annulment of the award and forfeiture of the Earnest Money, in which event the Purchaser may make the award to the next lowest evaluated Tenderer or call for new tenders.
- iii. The Security Deposit will be discharged by the purchaser and returned to the Supplier following the date of completion of the Supplier's performance obligations under the contract, including any warranty obligations, after receiving the agreement letter.

2 Incidental Services:

- i The supplier may be required to provide any or all of the following services, including additional services, as specified in Technical Specifications:
- ii Performance or supervision of on-site installation, etc. Of the system. B) Furnishing of tools required for assembly and/or maintenance of the System.
- iii Furnishing of a detailed operations and maintenance manual for each appropriate unit of the system.

3 Transportation:

The transportation costs, etc. Transporting the equipment to the consignee's place shall be borne by the tenderer.

4 Dispute Resolution Mechanism:

If any dispute or difference arises between the purchaser and the supplier relating to any matter connected with the contract, the parties shall make every effort to resolve the same amicably by mutual discussions. However, if the parties fail to resolve the dispute or difference by such mutual discussion within 30 days, either the purchaser or the supplier may give notice to the other party of its intention to refer the same to arbitration. The arbitration shall commence thereafter. The arbitration shall be conducted by a sole arbitrator, who will be appointed by the Secretary, ICAR, and the procedure to be followed in this respect will be as per the Indian Arbitration and Conciliation Act, 1996. The venue of the arbitration shall be the place where the contract is issued.

5 You are also required to fulfil the following conditions and furnish the details as indicated in subsequent paragraphs.

- a) At the time of awarding the contract/order, the purchaser reserves the right to increase or decrease the quantity of goods, without any change in the unit price or other terms & conditions.
- b) Please indicate if you are currently registered with any Government Organization and if registered, furnish all relevant details.
- c) Please state whether business dealings with you presently stand banned by any Government organization, and if so, furnish relevant details.
- d) A supplier/ manufacturer shall not submit more than one tender for the same set of goods.
- e) The supplier shall at all times indemnify the purchaser, at no cost to the purchaser, against all third-party claims of infringement of patent, trademark or industrial design rights arising from the use of the goods or any part thereof, with respect to the goods quoted by the supplier in its offer.
- f) The contract shall be governed by the laws of India and interpreted in accordance with such laws.
- g) The Director, ICAR-CICR, Nagpur reserves the right to reject any tender in part or in full without assigning any reason thereof.

6 Contract: The technically qualified vendor who is awarded the order will have to submit an acceptance letter within 7 days of issue of the order and will supply material within the stipulated time given in the purchase order as per the quoted specifications.



•Administrative Officer

For and on behalf of the Director
ICAR – CICR P.B.No.2, Shankar Nagar,
Post office, Nagpur- 440010

CHECK LIST:

The tenderers are requested to kindly upload copies of the following documents along with the tender, failing which the tender will not be considered.

Sl. No.	Documents should attach	Page no. Where document Attached
1	Scanned copy of the Shop & Establishment Registration certificate of the firm/Company. (Central Government / State Government)	
2	Compliance statement certificate for the technical specification of the Walk-in Plant Growth Chamber as per Annexure – A	
3	Scan Copy of GST Registration Certificate	
4	Scan Copy of ISO Registration Certificate	
5	Scan copy of the Earnest Money Deposit by way of a Demand Draft. (If claiming EMD exemption, kindly upload a valid exemption certificate.)	
6	Self-declaration on the letterhead that they are regular in manufacturing (OEM)/supplying of the Walk-in Plant Growth Chamber	
7	Scan copy of the Valid Authorization Certificate/letter for Walk-in Plant Growth Chamber from the OEM	
8	Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied the same or similar Category Products to any Central / State Govt Organization / PSU for a number of financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with the bid in support of having supplied some quantity during each of the financial years. In case of bunch bids, the category of primary product having the highest value should meet this criterion.	
9	Balance Sheet, Profit & Loss Account of the last year (2024-25) should be attached, duly certified by CA	
10	Satisfactory Performance certificate of the Walk-in Plant Growth Chamber from any 3 government organisations/PSU Institutions (as on date), and the customer/user list for the Walk-in Plant Growth Chamber with contact details to be furnished.	
11	Undertaking for providing repair/services after sale up to 10 years for the Walk-in Plant Growth Chamber.	
12	Technical literature/brochure (Original Scan Copy) & details of the Walk-in Plant Growth Chamber for the quoted model available on the website of the equipment/machinery offered by the firm.	

13	<p>An undertaking as per attached Format (Annexure – B), duly attested by a Notary on a non-judicial stamp paper of value of Rs. 100/- (Rupees One Hundred Only) or Rs. 500/- (Rupees Five Hundred Only), regarding their non-blacklisting by any of the Govt. Departments, Public Sector Undertakings and/or by the Central Vigilance Commission during the last three years.</p>	
14	<p>Service & Support:</p> <ul style="list-style-type: none"> a) Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If the service centre is not already there at the time of bidding, the successful bidder / OEM shall have to establish one within 30 days of the award of the contract. Payment shall be released only after submission of documentary evidence of having a Functional Service Centre. b) Dedicated /toll toll-free telephone No. for Service Support: BIDDER/OEM must have a Dedicated/toll-free telephone No. for Service Support. c) Escalation Matrix For Service Support: Bidder/OEM must provide an Escalation Matrix of Telephone Numbers for Service Support. 	

Note: Along with above mentioned checklist documents, the bidder must comply with all the terms & conditions of the GeM document.

Authorized Signatory with seal/stamp

ANNEXURE-A**SPECIFICATIONS COMPLIANCE STATEMENT FOR TECHNICAL SPECIFICATION OF
WALK-IN PLANT GROWTH CHAMBER**

Sr. No.	Specifications	Remarks	
		Compliance (Yes/No)	Deviation
1	Area Dimension	External: 2610 mm x 2225 min x 4360 mm Internal: 2040 min x 2010 mm x 3210 mm	
2	Volume (Optional)	1600 L	
3	Temperature range	Lights On: +5°C to +45°C Lights Off: -5 °C to +45°C	
4	Temperature Accuracy	0.1°C	
5	Temperature Fluctuation	≤0.5°C	
6	Humidity range	50% to 90%	
7	Humidity Precision	1% RH	
8	Humidity Fluctuation	≤3%RH	
9	Shelf height (Optional)	200 cm	
10	Default Lighting Layers	1 to 4	
11	Default Lighting	LED Lighting Panel	
12	Shelves/ Racks	3-4 (replaceable/ removable)	
13	Default Light intensity	0-300 μmol/m².S/ 0-700μmol/m².S/ 0-1000μnol/m².S	
14	Airflow	Uniform 0.2 m/s across the shelves Adjustable by set point % at the controller interface	
15	Control panel/ Display	Programmable Interactive Control system with 10" Touch Screen	
16	Working Voltage	220VAC/50HZ	
17	Material	High-quality polyurethane insulation panels, modular 304# stainless steel airflow walls and racks	
18	Features	Full mesh air flow walls on both sides, Cooling, heating, humidifying and dehumidifying systems	
19	CO ₂ Control Module (Optional)	Environmental Concentrations ~2000PPM/5000PPM	
20	Any other features	Equipped with smart phone App remote control system	
21	On-site warranty	Minimum 2 years	

22	Other requirements	Troubleshooting with on-board diagnostics		
		All the asked specifications should be clearly highlighted in The product brochure and brochure should be available online (On website of the vendor). Writing "yes (copy-paste)" in the compliance/Catalogue will not be considered as a valid argument, which may lead to disqualification. Demo if required on the technical specification verification round, we verify all asking specification on the demo. Users list to be attached for 20+ users for last many years in use till now.		
		Suitable voltage stabilizer should be provided with the growth chamber. An ISO certificate and Electrical Safety certificate is mandatory		

Note: Participating firms are required to deliver a detailed technical presentation for their quoted model(s) online or offline during the bid evaluation.

Authorized Signatory with seal/stamp

ANNEXURE-B

UNDERTAKING REGARDING NON-BLACKLISTING

(To be executed on Non-Judicial Stamp Paper of ₹100 / ₹500 and notarized)

I/We, _____,
(Name of the Bidder / Firm / Company)

having our registered office at _____,
do hereby solemnly affirm and declare as under:

1. That I/We have carefully read and understood the terms and conditions of the tender and the eligibility criteria prescribed therein.
2. That I/We hereby declare that **I/We have not been blacklisted, debarred, banned, or otherwise restrained** by:
 - o Any Government Department,
 - o Any Public Sector Undertaking (PSU), and/or
 - o The Central Vigilance Commission (CVC),
3. That no case of blacklisting, debarment, or banning is pending or contemplated against me/us by any Government Department, PSU, or CVC as on the date of submission of this undertaking.
4. That the information furnished above is **true and correct** to the best of my/our knowledge and belief. Nothing material has been concealed.
5. That in case the above declaration is found to be false or incorrect at any stage, I/We understand that the concerned authority shall be at liberty to **reject my/our bid, terminate the contract**, and/or take any other action as deemed fit under law, without any notice or compensation.

Signature of Authorized Signatory: _____

Name: _____

Designation: _____

Name of Firm/Company: _____

Seal of the Firm/Company: _____

Place: - _____

Dated: - _____