

Dr. Y. S. R. HORTICULTURAL UNIVERSITY
VENKATARAMANNAGUDEM – 534 101

BID DOCUMENT
FOR
SUPPLY AND INSTALLATION OF LAMINAR AIR FLOW
CHAMBERS



Dr. Y S R HORTICULTURAL UNIVERSITY
REGIONAL HORTICULTURAL RESEARCH STATION- KOVVUR -534350
EAST GODAVARI DISTRICT, ANDHRA PRADESH

**Dr. Y S R HORTICULTURAL UNIVERSITY
REGIONAL HORTICULTURAL RESEARCH STATION- KOVVUR-534350
EAST GODAVARI DISTRICT, ANDHRA PRADESH**

Tender Notice No : No:1/ Dr. YSRHU/RHRS-KVR /2025-26

Date of Commencement of : **18.12.2025**
Downloading of the
Bid document

Last date for receipt of bids. : **31.12.2025**

Time and date of : **01.01.2026**
Presentation of detailed project
Report and opening of technical
and price bid at

**Dr. Y S R HORTICULTURAL UNIVERSITY
REGIONAL HORTICULTURAL RESEARCH STATION- KOVVUR-534350
EAST GODAVARI DISTRICT, ANDHRA PRADESH**

ADDRESS FOR COMMUNICATION:

**THE ASSOCIATE DIRECTOR OF RESEARCH
REGIONAL HORTICULTURAL RESEARCH STATION
EAST GODAVARI DISTRICT, KOVVUR-534 350 A.P
E mail:hrs-kvvr@drysru.edu.in**

REGIONAL HORTICULTURAL RESEARCH STATION- KOVVUR-534350
EAST GODAVARI DISTRICT, ANDHRA PRADESH

Mobile No: 7382633659

email: hrs-kvvr@drysru.edu.in

The tender document containing terms and conditions for the execution of this project, along with specifications and EMD to be paid, are appended.

Invitation for Bids

- I) The location of the site is Regional Horticultural Research Station, Kovvur, East Godavari District, Andhra Pradesh.
- II) Bids are invited from nationally/internationally reputed manufacturers/their authorized representatives only, for the supply of Laminar air flow chambers used in Tissue Culture Laboratory. The authorized representative must attach an authorization letter from the manufacturers along with the tender, without which the tender will be rejected (for further reference, please refer to point 16 in Annexure I (Part-I)).
- III) The required space in Laboratory and power connection will be provided by the University and the bidder has to supply equipment and carry out installation as per the approved tender schedule. Successful trial run and maintaining the equipment supplied for 12 months including all maintenance and duly rectifying all defects during the above period, at the cost of bidder.
- IV) The bidders are also required to furnish their previous experience certificate for the supply of similar equipment.
- V) The supply of equipment must be carried out as per the standard specifications under the supervision of concerned authorities of RHRS, Kovvur has to be got certified by him, duly handing over all warranty certificates for the said equipment.
 - 1. All local taxes to be paid to the government shall be included in the price quoted as F.O.R. destination.
 - 2. Custom duty exemption certificate will be issued in case necessary.
- VI) The bid should be submitted with in time specified at the office of Associate Director of Research, Regional Horticultural Research Station, Kovvur, East Godavari dist, AP. along with **EMD for Rs 10000.00/-**

Bidders must pay the EMD amount specified as above in the form of crossed D.D. drawn **in favour of The Comptroller, Dr YSRHU, Venkataramannagudem**, Tadepalligudem payable at Union Bank of India/ any nationalized bank, Tadepalligudem and processing fee of **Rs.1,000/- (Rupees One thousand only)** through DD **in favor of The Comptroller, Dr YSRHU, Venkataramannagudem**, Tadepalligudem payable at Union Bank of India / any nationalized bank, Tadepalligudem. The processing fee is non-refundable and tender documents without EMD or Processing fee will be rejected.

- VII) Specifications given are indicative and the tender is to give a detailed description and specifications for equipment. The same would be given weightage in finalizing the tender.
- VIII) The equipment to be supplied by the tenderers should be branded and meet the quality standard as per the existing norms. Period of warranty shall be **1 year** from the date of supply as demanded in the tender.
- IX) The bids invited on two-part basis, the bidder shall seal the technical bid and the priced bid in two separate envelopes duly marked as “TECHNICAL BID” and “PRICE BID”. Both the envelopes shall then be sealed in one outer envelope.

All bid must be accompanied by a bid security/Earnest Money Deposit as specified in the tender details and must be delivered to the above office at the date and time indicated above. Bids will be opened in the presence of Bidders' authorized representatives who choose to attend on the specified date and time. In the event of the date specified for bid receipt and opening being declared as a closed holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed time.

- X) Dr YSR Horticultural University reserves the right to accept/ reject any or all tenders either in part or in full or to split the order without assigning any reasons therefore.
- XI) The specifications and other conditions prescribed in Annexure – III of this tender shall also be treated as part of these tender documents for all purposes.

TERMS OF PAYMENT:

Upon supply equipment and after successful trial run of the unit and training	100% of the project cost.
---	---------------------------

- XII) At the time of awarding the contract the University reserves the right to insist Performance guarantee security for a warranty period of one year at the rate of 10% by way of Bank guarantee on the total order value, and the same will be released after warranty/agreement period of one year expires and in case the performance is bad or the equipment is not working to the satisfactory level, the company will forfeit the performance guarantee deposit.
- XIII) This Invitation for Bids is open to all suppliers.
Bidders who have been blacklisted / suspended by the purchaser or sister concerns are ineligible to quote. The quotes of such firms shall be summarily rejected.

Prices shall be quoted in Indian Rupees for all offers as FOR –DESTINATION BASED and in case of offers received for supply from foreign countries may comply the offers to a convertible to Indian currency and customs duty as applicable to each item be given separately for parity during evaluation.

ELIGIBILITY CRITERIA

- (1) The preference would be given to manufacturer with experience of having supply of similar equipment's in reputed Agri./Horti.Universities / State Department of Horticulture / ICAR institutes/private organizations.
- (2) Certificate from the project client for award of contract and supply of equipment in original or its notarized copy for equipment claimed to be submitted.
- (3) The company bidding should be in the industry for at least 5 years in the same field. Tenderers should have authorized dealer certificate/manufacturing (Please attach certificate).
- (4) Tenderers should have total turnover of at least Rs.1crore or above for supply of similar equipment's. Audited financial statements duly certified by chartered accountant for the last three financial years ending March, 31st, 2025 should be submitted.
- (5) The buyer reserves the right to evaluate the tender on Technical Presentation/ capabilities and is not bound to accept lowest tender / quotations.

Evaluation of Bid:

- 1) The Technical Bid documents will be opened first and evaluated by the Tender Committee. Financial Bid Documents of only those bidders will be opened who have qualified in Technical Bid.
- 2) The Competent Authority reserves the right to accept or reject any tender without any reason thereof.
- 3) Prices to be quoted on FOR basis including all taxes including GST/freight/installation/commissioning/trial/training charges etc. in Indian rupees.
- 4) It is necessary to submit all the relevant documents like Pan Card, ISO Certification, GST/Sales Tax Registration, Authorized dealer of a reputed company, Certificate of Incorporation / Partnership Deed.
- 5) Tenderer should submit the copies of Purchase Orders in support of their genuineness in supplying of equipment's in reputed Universities / Colleges / Departments / Institutes/private organizations. The tenderer should submit users list for the last 5 years.

DISQUALIFICATION:

The EOI may, at its own sole discretion, at any time during the EOI process, disqualify any Interested party from the EOI process if:

- (a) the response to the tender is submitted after the dead line for submission.
- (b) the Interested Entity has made misleading or false representation in the forms, statements, attachments submitted in proof of eligibility.
- (c) the tender is not accompanied by required documentation.
- (d) the Interested Entity failed to provide clarifications related thereto, when sought.

The Dr YSRHU reserves the right to verify the claims made by the bidder and to carry out the capacity assessment of the bidder and the Dr YSRHU decision shall be final in this regard.

ANNEXURE – I (PART I)

TECHNICAL BID: filling up of Proforma

The technical bid shall accompany with the enclosures for components as per proforma prescribed and is attached with the document alongwith the details as under:

S.No.	Intervention/Component	Annexure (With page nos.)
1	Company Profile	
2	Past Experience of manufacturer with certificates/ work order/ completion etc.	
3	No. of years of experience in this field	
4	Past experience in supply of equipment	
5	Experience of Engineers/ technician and the capacity for service with service center	
6	Financial Strength of the Firm	
7	Office details	
8	GST, CST registration	
9	Any others as specified in the general bid document	

General Terms & Conditions:

1. Technical quote/bid and price quote/bid should be submitted separately.
2. A compliance statement in detail for each technical parameter/component of instrument, including warranty, etc., should be prepared by the vendor in the Technical Bid.
3. GST declaration and Declaration for moving material – FOR will be provided by the Associate Director of Research, Regional Horticultural Research Station, Kovvur.
4. Each firm should submit separately technical specifications as at serial no.2 in one single envelope – technical quote. However, the price bids for equipment quoted with the offer should be submitted separately.
5. Validity of quotations/tenders should be at least 6 months from the last date of receipt of quotations/tenders.
6. Product brochures should be enclosed for equipment.
7. Warranty: minimum of **1 years** from the date of installation.
8. Make and Model should be mentioned clearly.
9. Name of the customer/s with telephone, e-mail ID should be given.
10. The service network team/persons with contact numbers, mailing address, e-mails, preferably in AP, should be given.
11. If the instrument is imported, the supplier should take all responsibilities for clearing, duties, delivery etc.,

12. Installation should be at free of cost.
13. All the supplies should be through authorized dealer/distributor in AP (Authorized dealer / distributor certificate should be enclosed along with quotations/tenders).
14. All quotations for the instrument should have compliance report as per the specifications mentioned point wise.
15. The instruments should be delivered at Regional Horticultural Research Station, Kovvur at free of cost or the price quoted should include the delivery charges, if any. No additional charges will be paid towards delivery and installation.
16. The instrument should be supplied along with hard copies of operating manual.
17. The quotations/tenders should be submitted in a sealed cover super scribing “**Quotation/ Tender (TECHNICAL BID / PRICE BID) for supply of _____ for RHRS, Kovvur Andhra Pradesh**”.

The Dr.YSRHU reserves the right to verify the claims made by the Bidder and to carry out the capacity assessment of the bidder and Dr. YSRHU decision shall be final in this regard.

Annexure– I (Part–II)
“DECLARATION OF THE BIDDER”

- 1) That I/We am/are the authorized nominee (s) of the firm hereby submit tender to RHRS, Kovvur, East Godavari District, Andhra Pradesh. The copy of the power of Attorney is attached here with.
- 2) I am to state that the information provided in the tender form is true and correct
- 3) I/We may be punished as per law for any wrong information, misleading facts provided in the tender form besides rejection of my/our tender.
- 4) In case of any dispute, the Jurisdiction will be as applicable to Dr YSRHU only.
- 5) I/We have carefully read all the general and specific terms and conditions of the tender and I solemnly declare that the same are acceptable to me/us and binding on me/us.

Place : Signature of Bidder :

Date :

Name of Bidder :

Capacity in which signed :

Full address of the Bidder : With seal & stamp :
(Attach Identity card Xerox)

Phone No. :

Mobile No. :

Annexure–II

TECHNICAL SPECIFICATIONS

Horizontal Laminar Air Flow Chamber	
Size	<ul style="list-style-type: none"> 6' x 2' x 2' - Double Seated
External Dimensions	<ul style="list-style-type: none"> W1950mm x D1050mm x H 1470 mm
Type	<ul style="list-style-type: none"> Horizontal Air Flow
Final Supply HEPA Filter	<ul style="list-style-type: none"> Mini-pleat box type 0.3μ Hepa filter, efficiency 99.999 % down to 0.3 μ Particle size, Aluminum Anodized Casing. Filter Size :- 915 mm x 610 mm x 70 mm Qty. – 02 Nos.
Bottom Loaded Pre-filter	<ul style="list-style-type: none"> Box type pleated efficiency 90 % down to 10 micron, HDPE + Nonwoven + HDPE mesh media, aluminum casing. Filter Size – 508 mm x 508 mm x 50 mm. Qty. 03 Nos.
Motor	<ul style="list-style-type: none"> Crompton Greaves make ¼ HP, 220 Volt, 1400 RPM, 50 HZ, Quantity :- 2 Nos.
Casing	<ul style="list-style-type: none"> Fiber Glass 4 Nos.
Blower (High efficiency centrifugal type with life time lubricated bearings)	<ul style="list-style-type: none"> Aluminum Anodized Impeller. Quantity – 4 Nos.
Motor Blower Assembly Mounting	<ul style="list-style-type: none"> Unique spring suspension system to take care
Working Table Top	<ul style="list-style-type: none"> S.S. 304, 1.2 mm thick pre-laminated sheet with mat finish.
Pressure Gauge	<ul style="list-style-type: none"> Manometer Gauge
Side Panel	<ul style="list-style-type: none"> Square pipe Frame + Toughened Glass 5 mm
Castor Wheel	<ul style="list-style-type: none"> Nylon tyred, Swivel type. Qty. – 4 Nos.
Leveling Bolt	<ul style="list-style-type: none"> 04 Nos.
Power Supply Cable	<ul style="list-style-type: none"> 1.5 Sq. mm x 3 Core x 05mtrs, flexible with 3 pin top.
White light	<ul style="list-style-type: none"> Square Type LED Lamp, 15 Watt
Aux. Socket	<ul style="list-style-type: none"> 5 Amp, 01 No.
Controller	<ul style="list-style-type: none"> Micro controller base 4 keys controller.
Switch Plate	<ul style="list-style-type: none"> Tec-tile type membrane key board with S. S. dom keys
Hour Meter	<ul style="list-style-type: none"> Digital Type, Selec make hour meter for UV hrs.
Ultraviolet Tube Light	<ul style="list-style-type: none"> 30 Watt x 01 No.
MOC	<ul style="list-style-type: none"> MSCRCA, 1.2 mm thick sheet oven baked powder coated after seven tank phosphating process, shade – Glossy white.

Glass Bead Sterilizer with a provision to fix Below Working Table of laminar air flow	<ul style="list-style-type: none"> Temperature – 50 °C To 250 °C, Temp.Indicator& Controller – Selec make digital type Temp. Indicator &Controller, Size – 150 mm x 150 mm x Ht. 260 mm, MOC –S.S.304, Mounting Arrangement – Provided mounting bracketBelow Working Table of laminar air flow. Supply Quantity – 02 Nos Per Laminar
Expected Performance	
Efficiency of Hepa Filter	<ul style="list-style-type: none"> 99.999 % down to 0.3 micron particle size.
Air Flow Rate	<ul style="list-style-type: none"> At exit of Hepa Grill 0.45 M/Sec +/- 0.1 M/Sec.
Noise Level	<ul style="list-style-type: none"> 60 – 65 dB
Illumination of Light	<ul style="list-style-type: none"> Aprox 1000 Lux on working table.
Power supply	<ul style="list-style-type: none"> 220 V Single Phase
Air Flow Speed Control	<ul style="list-style-type: none"> Speed controller (Three step speed controller)
	The sealing and integrates of filters should be perfect and there should not be any air leakage

Annexure– III (General Conditions)

Submission of Tender and Deposit of earnest money

1. Quoted rate should be written legibly in ink or type written. No alterations should be made to any of the terms and conditions of the tenders by scoring out, altering or overwriting; similarly, no alterations are permitted in the rates quoted by them. No alterations will be allowed after this Office receives the tender. Ambiguity must be avoided in filling the tenders. However, any corrections etc., made will have to be duly attested with dated signatures and official seal. The tenders not complying with these conditions will be rejected summarily.
2. The tenders not conforming to the prescribed terms and conditions of the Horticultural University or conditional Tenders or Tenders which cannot adhere to the prescribed time schedule are liable for rejection.

Validity of rates and other Conditions

1. The defect liability period for the Equipments shall be given for 12 months or more from the date of installation. In the event of any correction or defects or replacement of defective material done during this period, it should be corrected/ replaced at the cost of the bidder/ agency.
2. Bids shall remain valid for a period of 180 days from the date of opening of the bid prescribed. In exceptional circumstances, the University may solicit the bidder's consent for an extension of the period of validity. The request and response shall be made in writing / cable / telex / fax / e-mail.
3. The validity of the tender will extend for a period of six months from the date of placing the initial order and it shall be open to the Dr.YSRHU to place the orders with the suppliers on the same rates, terms and conditions for any additional quantities likely to be recurred during that period.
4. The bidders shall submit the technical bid and price bid in separate covers and kept in a single cover.
5. The inner and outer envelopes shall bear the following address:

**The Associate Director of Research
Dr YSRHU-Regional Horticultural Research Station,
Kovvur-534350 (A.P)**

6. The inner envelopes should also contain the name and address of the bidder.
7. Telex, cable, e-mail or facsimile bids will be rejected.
8. Bidding Documents must be received by the University at the address specified not later than the time and date specified in the invitation (Notification) for bids.
9. In the event of the date specified being declared as a holiday for the University, the bids will be received up to the appointed time on the next working day.
10. The Bidder's representatives who are present shall sign in the register evidencing their attendance.

11. During evaluation of bids subsequent to opening, the University may at its discretion, to ask the bidder for clarification of its bid. There quest for clarification and the response shall be in writing and no-change in the bid will be entertained.
12. The evaluation of the bid will take into account the past experience in addition to the bid price. Such a price should include all duties and taxes to be paid or payable on components of works.
13. The bidder may present power point presentation to the Committee on the following.
 - a) Equipment-related and their working performance
 - b) Operation and maintenance

Acceptance of tenders

1. Price bids will be opened after completion of power point presentation in the presence of such tenderers who are qualified in technical bid as may be present. A decision with regard to acceptance of tender will be taken as soon as possible.
2. The successful tenderer (s) will be intimated by letter (s) or other means of communication and the tenderer (s) so informed shall be bound from the time of transmission of such acceptance by the University. Formal acceptance of the tender (s) will be forwarded to successful tenderer (s) in due course but it will serve merely as a confirmation of the initial information and shall not affect the time from which the offer is/are is bound by the contract(s).
3. Any or all the quotations may be rejected without assigning any reasons. It reserves the right of acceptance in whole or part of the offer made. The decision of the Dr.YSR Horticultural University in the matter shall be final and binding on the tenderers.

TENDER EVALUATION

The evaluation and comparison of the bids shall be done for the technical as well as financial aspects.

a) Technical Bid Evaluation:

While power point presentation or the examination of the documents submitted by the tenderer, the committee shall have the right to verify the claims of experience made by the bidders. Based on the bid evaluation, only technically qualified bidders shall be short listed. After thorough evaluation of the technical bid by the committee, the financial bid of only technically qualified Bidders shall be opened in due course.

b) Financial Bid Evaluation:

The total cost of the equipment (landed cost) quoted by the bidder would be considered for financial bid evaluation.

Committee:

- a. The committee shall do the above evaluation. The committee shall determine the approach and methodologies for the issues, which may arise during the above, referred evaluation process and their decision is final. The decision of the committee to reject or accept shall be final and binding on all the bidders.
- b. The successful bidder shall be responsible for the operation and maintenance of the equipment for a period of ONE YEAR from the date of installation. The bidder shall deploy at least one experienced person from time to time for advising any doubts regarding operation and maintenance besides troubleshooting whenever required.

Other contractual obligations

1. The contract shall not be deferred/ modified except by written consent by both Dr. YSRHU and the Bidder.
2. The Bidder shall not sublet or delegate this contract or part thereof without the written consent of the Horticultural University.
3. No undertaking or commitment given by or made by any officer of the University verbally or in writing does not have any validity unless it is signed again by the authority competent who concluded an agreement earlier.

Consequence of non-supply and damages

1. All risks of loss, damage or depreciation to the equipment/ material there off shall be upon the supplier until the material is delivered at the addresses specified and in accordance with the provision of the contract. Till the material is received at the respective destination indicated by the university, the property continues to be at the risk of the Bidder. The mere fact that the material is delivered to transporter is no defense to the Bidder and the Bidder will be squarely held responsible for any delayed receipt of the material by the University or for loss or damage of any kind to the material in transit.
2. Assuming that the bidder fails to deliver any or all the material covered by the contract, the Horticultural University reserves the right in addition to other legal remedies, to

cancel the contract or any portion thereof and hold the Bidder liable for all damages sustained by the university by virtue of the Bidder failing to perform the contract and consequent cancellation of the contract.

3. The time allowed for delivery of goods shall be deemed to be the essence of the contract. The University also reserves the right to cancel the purchase order in case supplies are delayed beyond the scheduled date of delivery and to make such arrangements as it may think fit for the completion of supplies on account and at the risk of the suppliers (s). The additional expenses thus incurred together with the consequential losses and also the liquidated damages shall be recovered from the supplier out of his / their security deposit / earnest money deposit and any other amount due to him / them. The balance still, if any, payable by the supplier shall be paid by him/them within 7 days of notice by the Dr. Y.S.R Horticultural University

FORFEITURE/REFUND OF THE EARNEST MONEY DEPOSIT (EMD)

1. In case the selected Tenderer(s) does not supply the equipment at the quoted rates within the stipulated time and commits any breach of any one or more of these terms and conditions, the Earnest Money Deposit deposited by the Tenderers (s) will be forfeited.
2. Earnest Money of the unsuccessful Tenderer (s) shall be refunded within three months from the date of decision regarding the tenders. No interest is payable by the University on such deposit.
3. On due performance and satisfactory completion of the order in all respects during the contract periods, the Earnest Money Deposit (Security Deposit) will be refunded to the Bidder (s) without interest within a period of 3 months with effect from the date of receipt of a request to this effect from the Bidder.

SETTLEMENT OF DISPUTES

1. Any difference or dispute arising out of or in connection with this tender or acceptance thereof or the contract that may be entered in consequence thereof, shall be decided by arbitration. The Chairman of the committee for purchase of the equipment, Dr. Y.S.R Horticultural University or his nominee shall be the sole arbitrator and the arbitrator's decision shall be final and binding on the parties. The Tenderer(s) will have no objection to such appointment on any ground whatsoever including that such nominee, in his official capacity dealt with this matter at any stage.
2. The parties hereby agree that in the event of any dispute no cause of action shall arise in their favour to approach any court unless they have restored to and exhausted the remedy of arbitration as envisaged above.
3. The parties also do hereby agree that the contract envisaged by these terms and conditions shall be deemed to have been entered into at Dr. Y.S.R.H.U, V R Gudem and the courts at Eluru, West Godavari District alone will have jurisdiction to try and legal proceedings which may arise out of this contract. Neither party shall file any proceedings in any other Court.

TENDER FORM
(Should be included in Financial bid only)

From: To
The Associate Director of Research
Dr YSRHU-Regional Horticultural Research Station,
Kovvur-534350(A.P)

Ref: 1. Your tender Notice No: NIT NO.1/Dr. Y.S.R.H.U/2025-26Dated.....
2.EMD – D.D. No.Dated.....for Rs.....

I/We have read the contents of the terms and conditions mentioned in your tender schedule and its enclosures and agree to abide by the same.

I/We hereby offer to Supply and Installation of Laminar air flow chambers to Regional Horticultural Research Station, kovvurprescribed in the schedule (or such portion thereof as you may specify on the acceptance of tender) at the price given below.

I/We agree to hold this offer open for a period of 3 months from the date of acceptance of tender and shall be bound by communication of acceptance dispatched within a period of 15 days from the date of accepting the tender of the bidder.

I/We have also examined the requisite specifications of the material to be supplied and my / our offer is to supply the required material in accordance with the requisite specifications.

I/We have carefully considered all terms and conditions in Annexure I, II and III and particulars regarding settlement of disputes and we have signed the same in token of consciously accepting the same and do hereby state that we accept them without any reservations and accordingly I/We quote the rates inclusive of all taxes, duties, transportation, insurance etc., as below.

Name of the item Unit

Unit price

The articles will be ready for delivery withindays from the date of receipt of supply orders.

Yours faithfully,
Proprietor
(Signature and stamp of the Tenderers
State legal status, whether Prop. /
Partner / Registered firm / Company etc.)

Encl: Samples enclosed

EMD-DD No.....dated.....for Rs.....

Dr. YSR HORTICULTURAL UNIVERSITY

ADMINISTRATIVE OFFICE, VENKATARAMANNAGUDEM,

WEST GODAVARI DISTRICT-534 101

E-mail: head-hrspdt@drysru.edu.in

TENDER NOTICE

No: 1/Dr YSRHU/2025-26

Dated:18.12.2025

Bids are invited from firms for the Supply and installation of Laminar air flow chambers at Regional Horticultural Research Station, Kovvur. For details visit **www.drysru.edu.in**.

ASSOCIATE DIRECTOR OF RESEARCH
RHRS, KOVVUR