

**KERALA AGRICULTURAL UNIVERSITY, COLLEGE OF AGRICULTURE, VELLAYANI,
THIRUVANANTHAPURAM, KERALA, INDIA, 695522**

No.

Dated 16/02/2018

Tender Notice

On behalf of the Kerala Agricultural University, **College of Agriculture, Vellayani, Thiruvananthapuram, Govt. of Kerala**, Sealed Tenders (**Two Bid System [1] Technical bid and [2] Financial Bid**) are invited for the installation of Modular Lab Facility conforming to the specifications and requirements given in the Annexure-1.

Location and supply of installation

1. Integrated Biotechnology Block, College of Agriculture, Vellayani, Thiruvananthapuram, Kerala, India 695522

Pre-bid meeting of the prospective tenderers is scheduled on 21/02/2018 at 11.00 a.m.

Last Date of submission of tender : 2.00 p.m. on 5.3.2018

Date of Opening Technical bid : 2.30 p.m. on 5.3.2018

**Place for submission of tender : College of Agriculture, Vellayani,
Thiruvananthapuram, Kerala, India-695522**

**Installation of Modular Lab Facility at Integrated Biotechnology Block, College of Agriculture,
Vellayani, Thiruvananthapuram, Kerala, India 695522**

All the rules/ regulations of Departmental purchase of Govt. of Kerala as provided in the Store Purchase Manual Revised Edition 2013, G.O (P) No.3/2013/SPD, dated 21-06-2013, available in the website www.kerala.gov.in/docs/manuals/RevisedSPmanual.pdf will be applicable. More information regarding the tender can be obtained from the **Dean, College of Agriculture, Vellayani-695522** (Phone: 0471-2388000) during office hours.

Instructions to the bidder:

1. **Preparation of Bids:** The tenders should be submitted under the two bid system, viz., technical bid and financial bid.
2. All the three items (Modular work benches of two sizes and Fume hood) should be quoted separately in the same tender. Supply order will be served depending on the fund availability for the items.
3. **Delivery of the Tender:** Tender shall be submitted to the designated address either by hand or by speed post or by courier so as to reach the authorized persons in our office before the due date and time. The tender received later than the date and time specified will not be considered. The details are mentioned in the Terms and Conditions attached.
4. **Opening of the Tenders:** The offers/bids will be opened by the committee duly constituted for this purpose at the specified place, date and time in the presence of such tenderers or their representatives as

may choose to attend. The technical bids will be opened first and they will be examined by technical committee/ Purchase committee with technical experts, which will decide the suitability as per the specification and requirement. The financial offer bid will be opened only for those offers/bids, which technically meet all the requirements and specifications. The participating bidders should produce an Authorization Letter from their companies to participate in the tender opening day. Only one representative per tenderer will be allowed to participate [during the opening of tender and in Pre-Bid meeting].

5. Rejection of Tenders: Kerala Agricultural University reserves the right to reject any or all of the tenders received without assigning any reason.
6. Terms of Delivery: The quoted instruments and all accessories and supporting instruments should be supplied and the installation/commissioning of the same should be completed as specified in the Terms and Conditions mentioned. Signed copy of the Terms and Conditions should be submitted along with the tender.
7. Pre-bid meeting of the prospective tenderers is scheduled on **21-02-2018 at 10.30 a.m**

Bidders are requested to carefully read the terms and conditions before quoting.

TERMS AND CONDITIONS OF THE TENDER

Tender should be submitted in the prescribed tender document downloaded from the website www.kau.edu/tenders . The tender submitted should strictly follow the instructions specified below, failing any of which the tenders would be deemed incomplete and liable for rejection.

1. The last date and time for the submission of the tender will be at **2.00 pm on 5-03-2018** at the following address:

The Dean, College of Agriculture, Vellayani, Trivandrum, Kerala, India, Pin Code: 695 522

Email: deanagri@kau.in

Sealed Tenders may be sent by post/ courier/ may be handed over to the following officers authorized for the receipt of tenders.

1. Dr. A. Anilkumar, Dean , College of Agriculture, Vellayani, Trivandrum
 2. Dr. K. B. Soni, Professor & Course Director, B.Sc.-M.Sc. (Integrated) Biotechnology Course, College of Agriculture, Vellayani, Trivandrum
2. Tenders received after the due date and time for whatever reasons will not be considered. The offer/bids should be submitted in a manner of two bid system, i.e. [1] Technical bid and [2] Financial Bid. Tenders received with both the bids in the same cover shall be summonly rejected.
 - a. The technical bid should consist of all technical details along with the commercial terms and conditions. The bid should be submitted in the format given in Annexure-1 (technical specifications) and should provide specific Yes or No answer to each point in the specification. Additional details, if any, should be given in the remarks column of the format. All claims of instrument performance as required in the specifications should be substantiated by adequate instrument readouts and data. The technical bid should be in a **sealed cover** superscribed, **“Technical bid – Installation of Modular**

lab facility at Integrated Biotechnology Block, College of Agriculture, Vellayani, Thiruvananthapuram, Kerala, India” and addressed to the “The Dean”.

- b. Financial bid should indicate item wise price for the items mentioned in technical bid. Detailed pricing including all charges for accessories, supporting instruments, items, quoted in Indian rupees, extended warranty, shipping, insurance, taxes, unloading, installation charges etc. should be clearly indicated. Unit rate along with the split up Para of the item quoted should be given. The rates should be indicated clearly both in figures and words. If there is any variation between the rates in words and figures, the rates given in words will be considered for evaluation. The rates quoted should be valid for a minimum of 120 days (**Period of firmness**) from the date of opening of financial bid. The tenderer should put full signature in case of any scoring of/corrections/or overwriting. The rates quoted should not be subject to any price variation clause. A signed covering sheet should be attached to the financial bid in the format given in Annexure -2 (Summary of financial bid). The financial bid should also be in a **sealed cover** superscribed, **“Financial bid – Installation of Modular Lab Facility at Integrated Biotechnology Block, College of Agriculture, Vellayani, Thiruvananthapuram, Kerala”** and addressed to the **“The Dean”**.
- c. Both the sealed covers viz., Technical and Financial bids should be put into a big cover, along with item specified in (d) to (f) below and sealed. The cover should be superscribed, **“Technical and Financial bids for Installation of Modular Lab Facility at Integrated Biotechnology Block, College of Agriculture, Vellayani”** and addressed to the **“The Dean”**.
- d. DD for cost of tender: **0.2 %** of the quoted amount rounded to the nearest multiple of 100 subject to a minimum of Rs. 400 and maximum of Rs. 1500+ 12% GST as applicable by way of demand draft favoring **“The Dean”** and payable at **SBI, Vellayani Branch, Thiruvananthapuram**
- e. DD for Earnest Money Deposit: The tenderer should submit a separate Crossed DD/Treasury Saving Bank deposit or Genuine and Encashable Bank guarantee from any nationalized or scheduled commercial bank in the model format (Annexure 15A of Store purchase manual, 2013) or National savings Certificate for **EMD** equal to **1%** of the total rupee equivalent cost of the quoted items, rounded to the nearest rupees (subject to minimum of Rs.1500/-). The demand draft should be drawn favoring **“The Dean”** and payable at **SBI, Vellayani Branch, Thiruvananthapuram**. From any nationalized bank or scheduled commercial banks valid for minimum 3 months. The technical bid (without EMD would be considered as UNRESPONSIVE and will be rejected unless any category of tenderer is specifically exempted by the Govt. from payment of EMD for which reasons and proof have to be enclosed. The EMD will be returned without any interest to the unsuccessful bidders after the award of the contract. Firms who are exempted from payment of EMD should furnish copy of the currently valid certificate from the Store Purchase Department, Govt. of Kerala.
- f. The tender should be accompanied by an agreement executed in Kerala Stamp Paper worth Rs.200/- (Rupees two hundred only) and format can be downloaded from www.kau.edu/tenders

- g. The tenders will be opened at the College of Agriculture, Vellayani on 5-03-2016. Only the technical bids will be opened on this date. The bidders who qualify in the technical bid will be informed of the date of opening of the financial bids.
- h. Late and incomplete tenders and tenders without EMD, cost of tender or agreement will not be accepted.

Forfeiture of EMD: EMD will be forfeited if the tenderer

- I. Withdraws his tender or backs out after acceptance.
- II. Fails to remit the performance security.
- III. Violates any of the conditions prescribed in the tender notice.
- IV. Revises any of the terms quoted, during the validity period.

- 3. Performance Security : On receipt of purchase order from this office, the tenderer should execute another agreement in Kerala Stamp Paper worth Rs.200/- (Rupees two hundred only) and furnish a security deposit of 5% of the cost of the item quoted in the form of term deposit/bank guarantee/demand draft drawn in favour of “**The Dean, College of Agriculture, Vellayani, Thiruvananthapuram, Kerala**”, payable at the **State Bank of India, Vellayani branch** and should be valid for 60 days beyond the date of completion of all contractual obligations including warranty obligation and it will be released 60 days after the expiry of warranty period. The format of the agreement can be downloaded from the above website given in item 1.

4. Delivery and Documents

Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements.

5. For Goods from within India:

Upon delivery of the goods to the consignee, the supplier shall notify the purchaser and mail the following documents to the Purchaser:

- (i) One original and 02 copies of the Supplier invoice showing contact number, goods description, quantity, unit price, total amount;
- (ii) Lorry Receipt/Railway Receipt
- (ii) Delivery note and acknowledgement of receipt of goods from the Consignee;
- (iii) 3 copies of packing list identifying contents of each package;
- (iv) Insurance Certificate;
- (v) Manufacturer’s/Supplier’s warranty certificate;
- (vi) Inspection Certificate issued by the nominated inspection agency, and
- (vii) Certificate of Origin.

- 6. Risk Purchase Clause: In the event of failure of supply of the item within the stipulated delivery schedule, the University reserves the right to purchase the item from other sources on total risk of the supplier under risk purchase clause.
- 7. Payment: No advance payment will be made for indigenous purchase. Payment shall be made only after satisfactory installation is agreed to wherever the installation is involved.
- 8. Warranty/Guaranty: The offer should clearly specify the year/ years of warranty including all the spares/accessories and consumables required for the smooth and continuous functioning of the modular lab in the format given in section 3.
- 9. Users list: The offer should include a list of detailed users in the format given in section 4.
- 10. Late Offer: The offers received after the due date and time will not be considered.

11. Acceptance and rejection: Kerala Agricultural University reserves the right to accept whole or any part of any tender or portion of the quantity offered or reject it in full without assigning any reason.
12. Disputes and Jurisdiction: Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within the state of Kerala.
13. The tenderer must sign and affix seal on every page of the tender document and furnish a certificate acknowledgement as shown below.
14. Bid Currencies
Prices shall be quoted in the following currencies:-
 1. For goods and services that the Bidder will supply from within the Purchaser's country, the prices should be quoted in the Indian Rupees.
 2. For goods and services that the Bidder will supply from outside the Purchaser's Country, the prices should be quoted Dollar or in any one of the easily convertible foreign Currency.
15. The cost of the item, insurance and freight (CIF) and charges for delivery of item at **Integrated Biotechnology Block**, College of Agriculture, and Vellayani should be separately stated. We are exempted (regd. with DSIR) from payment of customs and excise duty for our procurements and hence prices quoted should be exclusive of these. Offers shall be made CIF Trivandrum by airfreight for imported instruments and F.O.R destination for indigenous accessories. For imported items, clearing charges, customs and excise duty (whether applicable) and charges for insuring up to **The Dean, College of Agriculture, Vellayani** as against all risks including total loss for CIF value plus 10% should be included in the insurance charge. Prices inclusive of VAT and other taxes and Installation charges may be indicated separately wherever applicable

16. Payment:

Payment shall be made in the currency specified in the Contract in the following manner.
Payment for Goods and Services supplied from abroad (excluding Annual Maintenance Charges):

1. On Delivery: Eighty (80) % of the Contract Price of the Goods shipped shall be paid through irrevocable Letter of Credit opened in favor of the Supplier in a bank in his country and upon submission of documents including: (i) Packing list and (ii) Supplier's Certificate that the amounts shown in the invoice are correct in terms of the contract and that all terms and conditions of the contract have been complied with; and
2. On Final Acceptance: Twenty (20) % of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of Goods upon submission of claim supported by the Acceptance Certificate issued by the Purchaser's representative (Consignee) through Electronic Clearing System of Bank.
3. Payment of Agency Commission: Payment shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed.
17. **Bank charges** (State Bank of India) incurred in connection with payment against documents through bank will be to the account of the tenderer.
18. No advance payment will be made for indigenous purchase. Payment shall be made only after satisfactory installation is agreed to wherever the installation is involved.
19. Country of origin, Country of import and port of shipment should be specifically written in the Tender document.

- 20. Any attempt to manipulate the specification sheet/ item performance evaluation performed in the application laboratory / quote sub standard / refurbished item /accessory /internal parts will be viewed seriously as per guidelines issued by CVC in their regulations.**
- 21. Only specification sheets available in the website of the principal company is taken as approved specification of that quoted model. The electronic version of the same may be reproduced on demand. Unauthorized /doubtful specification sheets containing tenders are subject to rejection.**
- 22. After Sale Service-**
If the Supplier, having been notified, fails to remedy the defect(s) within one week the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract. After installation any damage happens and is not repaired within one week, then warranty will be extended to the extent of item lying idle without repair, and **impose a penalty over it @Rs.500/day.**

Acknowledgement by the tenderer:

It is hereby acknowledged that we have gone through all the conditions mentioned above and we agree to abide by them.

SIGNATURE OF THE TENDERER

SEAL OF THE COMPANY

DATE

Annexure I
Technical Specifications

(To be submitted by the bidder)

Item : **Installation of Modular Lab Facility**

Quotation reference :

Location of supply and installation: **Integrated Biotechnology Block**
College of Agriculture, Vellayani, Trivandrum,
Kerala, India Pin: 695 522

The technical bid is to be submitted in this form, duly signed by the authorized signatory. Any incompleteness in filling up this form or failure to attach the required supporting data or documents may result in rejection of the quotation.

Section 1: Details of the Tender

Tender submitted by	
Tender reference No.	
Date of submission of Tender	
Details of EMD submitted (if any)	
Full Address	
Name of Principal Supplier (if not self)	
Authorization by the Principal supplier (Attach details)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation	

Section 2: Compliance with Technical Specifications

(In case more than one model /combination is quoted, attach separate compliance sheets for each)

All items required for the full-fledged function of an advanced research lab with good quality materials as outlined below are to be quoted.

Against each point in the technical specification, compliance must be marked as **YES/NO**

A. Modular Lab Facility in Lab1

Quoted model:

Sl. No.	Required Technical Specification	Complying (Yes/No)	Remarks	Documentary evidence enclosed?
1	Central work bench: 3000x1500x900 mm Quantity: 2Nos			
2	C Frame system-Worktops should be supported by heavy duty steel frame work. The frame shall be of rectangular box with a wall thickness of 12 gauge, de greased and powder coated for smooth finish and protection. The dimension details of frame work as follows. Vertical member of minimum 60x40mm. Horizontal top member 50x40mm. Horizontal bottom member 80x40mm.			
3	Worktop Worktop should be made of Jet Black granite of minimum 18(±1) mm thickness. The exposed edges should be round molded. All worktops shall be with 80mm backsplash on walls of same thickness.			
4.	Cabinet Under work bench Should be fabricated of 18 gauge CRCA sheet. Base should be welded together with neat, professional MIG weld fillets. For maximum strength, fillets should be left ungrounded. Fixed Shelves shall be constructed of 18 gauge steel, with channels formed on four sides. Cabinet body & shelves are pre-treated with an iron phosphate multi-stage process that includes a final sealer and de ionized water rinse. All exposed surfaces are electro statically coated with a thermosetting laboratory grade powder coating Two cabinets on each side of the work bench. On either			

	side one with 4 drawers (at least 50cmX50cmX15cm each) and the other with one drawer and one cabinet with adjustable shelves (at least 50cmx50cmx50cm)			
5.	Lock and handle Should be appropriately fitted. Made of S.S. and with proven longevity.			
6.	Filler panel: Should be covered including the vertical sides.			
7.	Hinges: Nickel coated heavy duty, rust free, self-closing, and allowing opening up to 165 degree and should be adjustable in all three directions for perfect finish and corrections. Drawer slides should be made of metal, epoxy coated and with nylon wheels to allow smooth and silent sliding.			
8.	Electrical sockets 4 Nos on either side. Standard Electrical Fittings/wires should be provided with flame retardant, UV stabilized, unbreakable polycarbonate casing. Connector should be of phosphor bronze to provide high conductivity, flexibility and contact pressure. Switches shall be of Piano type. Standard supply 5/15 Amp-220 Volt double electrical sockets should fully conform to IS -1293 - 1988			
9.	Reagent rack Stainless steel 316 two tier rack with service box 300mm wide, 2700mm long with the required S.S. vertical section for strength, stability& rigidity. The profile ends shall be covered and protected with injection moulded ABS end caps. The reagent rack shall be made of injection moulded ABS material. Vertical section should have groove for knock down assembly of service box and adjustable shelves. Shelves shall be adjustable at any required height with friction technology without any holes. The Shelves bracket should be made of minimum 16 gauge thick. 6mm thick wire glass/toughened glass shall be provided on each shelf. Refer the sketch provided.			

B. Modular Lab Facility in Lab2

Quoted Model:

Sl. No.	Required Technical Specification	Complying (Yes/No)	Remarks	Documentary evidence enclosed?
1.	Central work bench: 4000x1500x900 mm Quantity: 1No.			
2.	C Frame system-Worktops should be supported by heavy duty steel frame work. The frame shall be of rectangular box with a wall thickness of 12guage, de greased and powder coated for smooth finish and protection. The dimension details of frame work as follows. Vertical member of minimum 60x40mm. Horizontal top member 50x40mm. Horizontal bottom member 80x40mm.			
3.	Worktop Worktop should be made of Jet Black granite of minimum 18(±1) mm thickness . The exposed edges shall be round molded. All worktops shall be with 80mm backsplash on walls of same thickness.			
4.	Cabinet under work bench Should be fabricated of 18 gauge CRCA sheet. Base should be welded together with neat, professional MIG weld fillets. For maximum strength, fillets should be left ungrounded. Fixed Shelves shall be constructed of 18 gauge steel, with channels formed on four sides. Cabinet body & shelves are pre-treated with an iron phosphate multi-stage process that includes a final sealer and de ionized water rinse. All exposed surfaces are electro statically coated with a thermosetting laboratory grade powder coating Three cabinets on each side of the work table. On either side one with 4 drawers (at least 50cmX50cmX15cm each) and the other with one drawer and one cabinet with adjustable shelves (at least 50cmx50cmx50cm)			
5.	Lock and handle Should be appropriately fitted. Made of S.S. and with proven longevity			

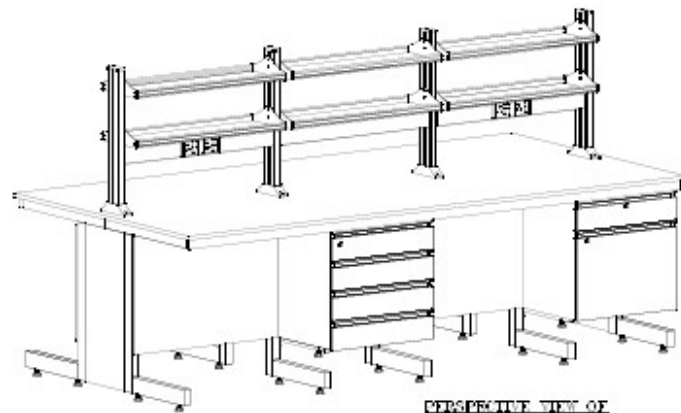
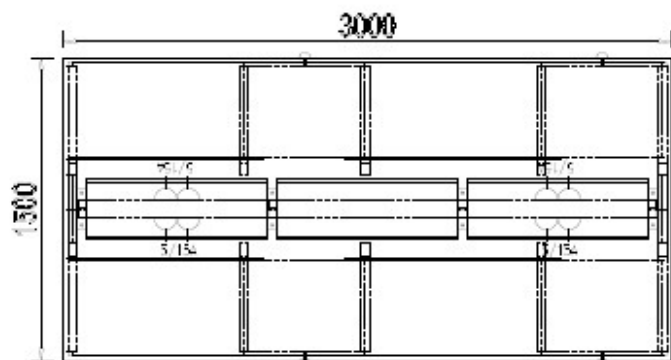
6.	Filler panel: Should be covered including the vertical sides.			
7.	Hinges: Nickel coated heavy duty, rust free, self-closing, and allowing opening up to 165 degree and should be adjustable in all three directions for perfect finish and corrections. Drawer slides should be made of metal, epoxy coated and with nylon wheels to allow smooth and silent sliding.			
8.	Electrical sockets 5 Nos on either side. Standard Electrical Fittings/wires should be provided with flame retardant, UV stabilized, unbreakable polycarbonate casing. Connector should be of phosphor bronze to provide high conductivity, flexibility and contact pressure. Switches shall be of Piano type. Standard supply 5/15 Amp-220 Volt double electrical sockets should fully conform to IS -1293 - 1988			
9.	Reagent rack Stainless steel 316 two tier rack with service box 300mm wide, 3800mm long with the required S.S. vertical section for strength, stability& rigidity. The profile ends shall be covered and protected with injection moulded ABS end caps. The reagent rack shall be made of injection moulded ABS material. Vertical section should have groove for knock down assembly of service box and adjustable shelves. Shelves shall be adjustable at any required height with friction technology without any holes. The Shelves bracket should be made of minimum 16 gauge thick. 6mm thick wire glass/toughened glass shall be provided on each shelf. Refer the sketch provided.			

Chemical Fume Hood for Lab 1

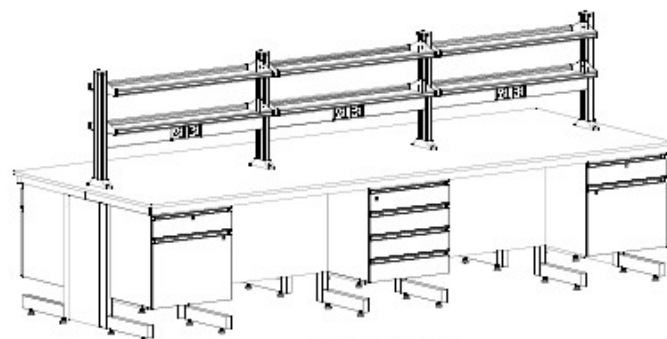
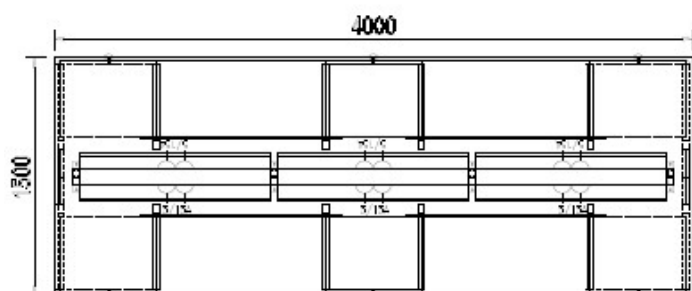
Sl. No.	Required Technical Specification	Complying (Yes/No)	Remarks	Documentary evidence enclosed?
1.	The Fume cupboards should be installed and commissioned as per ASHRAE 110 – 1995.			
2.	Over all hood size			

	900 L x 750 W x 2400 mm Height (Approx.)			
3.	Exterior: Made of 18 SWG Electro-galvanized heavy duty sheets with Epoxy polyester power coated finish.			
4.	Fume Hood Interior: Lined with 2mm FRP and/or 3mm PP Baffle with aerodynamic shape.			
5.	Air foil: Aerodynamic, flush powder coated air foil mounted on work top			
6.	Design Structure a) Average Face Velocity at 12” sash opening of Fume Hood: 100 FPM / 0.5 Meters Per Second b) Air volume design for full door opening: 800-1000 CFM			
7.	Worktop: Jet black granite 18±1 mm thick with skirting to avoid chemical spillage.			
8.	Air flow type: Auto Bypass			
9.	Shutter: Vertical raising with counter balanced sash, Made of Glass of approx. 5mm thickness. Electro galvanized Steel frame or SS.			
10.	Lighting: 22 Watts LED Light or equivalent			
11.	Electrical provisions of superior make: sockets 5/15A 2 nos. Push Button Switch for blower, light, Power Indicator, MCB			
12.	Blower High quality blower should be provided for trouble free operation for several years without any maintenance. Blower housing should be of strong ‘high density UV treated Polypropylene’ for maximum corrosion resistance, the impeller should be completely made of Polypropylene with noise level less than 62 dB. The performance should be tested in accordance with AMCA 210-85 and ISO 5801. Air Volume 800-1000 CFM, Static Pressure 23”, Powered by 1 HP Three Phase Motor, Exhaust duty centrifugal type, Direct Coupling, Dynamically Balancing. Material of Construction-Casing PP – 3 mm +FRP-4mm 8 mm thick fully molded FRP Impeller, 1) Butterfly Damper 8”			
13.	Storage cabinet: Made of Electro Galvanized Sheet with Powder coat finish. Two cabinets with shelf and double skinned doors with locking arrangement. The cabinet should be provided with drawers with			

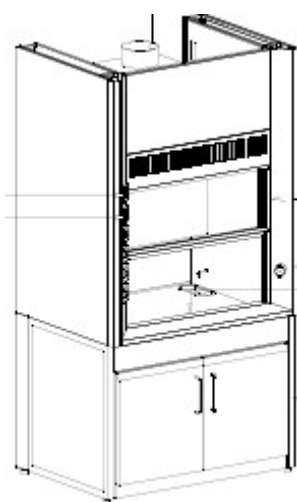
	telescopic sliding arrangement for smooth movement. Polypropylene Trays will be provided for the under bench storage cabinets.			
14.	Exhaust Duct: PP GEL / FRP Ducting of 200 mm dia with suitable elbow, rain hood, fittings and clamps.			
15.	Air Flow Monitor & Alarm System			
16.	The Cabinet should be provided with 4 nos. of chemical resistant leveling jack with PVC caps.			



Picture 1: Dimensions of Modular Work table 1



Picture2: Dimensions of Modular Work table 2



Pic 3. Fume Hood

(These are rough sketches for work table and fume hoods. Minimum changes are acceptable)

TERMS AND CONDITIONS

Sl. No.	Required Technical Specification	Complying (Yes/No)	Remarks	Documentary Evidence enclosed?
1.	All the three items should be quoted, including accessories and should be delivered and installed at the following site: Integrated Biotechnology Block, College of Agriculture, Vellayani, Trivandrum, Kerala, India Pin: 695 522			
2.	A comprehensive warranty for 2 years for the complete Modular Lab facility from the date of installation. In case of breakdown, service should be available onsite within 24 hours (See section 3 below). After the warranty period, three year AMC charges should be included in the financial bid.			
3.	The bidder should be a manufacturer registered in India or their authorized dealer or should be 100% subsidiary in India of parent company, if any			
4.	Joint ventures are not accepted.			
5.	The bidder should have minimum 10years experience in the industry with proven record in Central/State Government organizations. Required: Details of projects executed.			
6.	If an authorized dealer is bidding for the parent company then the authorized representative should be having an office for the last 7 years.			
7.	Should have satisfactorily completed installation of laboratory furniture works in Central/State Government organizations in India Required: Purchase order copies and work completion certificate			
7.	At least 2 Customer feedback forms stating the quality of work and overall feedback of Project Values of above Rs. 20 Lakhs			

	Required: Documentary Evidence			
8.	ISO 9001-2008, ISO 14001-2004, BS OSHAS 18001-2007 (All the mentioned certificates should be for Design, Development, Manufacturing, Supply and servicing).			
9.	Original catalogues containing all technical specifications must be provided			
10.	Material property data sheet, quality standard certificate, Environmental certificate, fire retardant certificate etc. f the offered product have to be submitted along with the quotation.			
11.	Required size, model, type and design should be approved by the concerned officer/engineer in charge.			

Declaration by the bidder:

It is hereby declared that the details given above are correct as pertaining to the quoted Modular Lab, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

DATE

Section 3: Comprehensive Warranty

Modular work bench 1, Modular work bench 2 & Fume Hood

In case more than one model/combination is quoted, attach separate sheets for each.

Comprehensive warranty for material using for installation of Modular labs: _____

Sl. No.	Required Technical Specification	Complying (Yes/No)	Remarks
1.	The warranty period should be 2 years. All breakdown of the Modular lab facility should be addressed within 24 hours by an onsite visit.		
2.	All parts of the Modular lab facility should be covered under the warranty, excluding vials and columns.		
3.	The Modular Lab facility should be installed at the proposed site demonstrate the required objective of the test with the claimed limit of detection/quantification with the sample provided.		

Section IV: Users List of Quoted Modular Lab in India

In case more than one model/combination is quoted, attach separate sheets for each. Additional copies of this page may be used in case of number of users is large.

Users list for Modular Lab model: _____

*Please mention the Operational status as one of the following: Installation Only/In Operation. Do not include Modular lab that are not installed or not operational as of the date of opening of the tender.

User Name & Address	Date of installation	Current Operational status of the item*	Area of analysis	Name of the contact person	Designation	Contact number	Email ID	Details of application training given to the analysts (details of venue and trainees)

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**Annexure II: Summary of Financial Bid
Modular Lab Facility**

This sheet is to be attached as a covering sheet along with the financial bid of the quoted Modular lab facility. In case more than one type quoted, separate sheet have to be attached with each quotation.

Financial summary for the Modular Lab Work bench 1: _____

Price Description		Price	Remarks (if any)
Quoted currency			
Total Modular Lab work Table	[a]		
Total cost of Supporting Instruments	[b]		
Comprehensive Warranty Charges for 2 years, including essential consumables and spares	[c]		
AMC Charges for 3 years (after warranty)	[d]		
Any other charges	[e]		
Trivandrum [a]+[b]+[c]+[d]+[e]=	[f]		
Conversion Factor to INR*	[g]		
Total price in INR [f] x [g]=	[h]		
**Total cost of items quoted in INR =	[i]		
Total cost of the Modular Lab work Bench 1 [h]+ [i]	[j]		

Financial summary for the Modular Lab Bench 2: _____

Price Description		Price	Remarks (if any)
Quoted currency			
Total Modular Lab Table Cost	[a]		
Total cost of Supporting Instruments	[b]		

Comprehensive Warranty Charges for 2 years, including essential consumables and spares	[c]		
AMC Charges for 3 years (after warranty)	[d]		
Any other charges	[e]		
Trivandrum [a]+[b]+[c]+[d]+[e]=	[f]		
Conversion Factor to INR*	[g]		
Total price in INR[f] x [g]=	[h]		
**Total cost of items quoted in INR =	[i]		
Total cost of the Modular Lab work Bench 2 [h]+ [i]	[j]		

Financial summary for the Fume Hood: _____

Price Description		Price	Remarks (if any)
Quoted currency			
Total Fume Hood Cost	[a]		
Total cost of Supporting Instruments	[b]		
Comprehensive Warranty Charges for 2 years, including essential consumables and spares	[c]		
AMC Charges for 3 years (after warranty)	[d]		
Any other charges	[e]		
Trivandrum [a]+[b]+[c]+[d]+[e]=	[f]		
Conversion Factor to INR*	[g]		
Total price in INR[f] x [g]=	[h]		
**Total cost of items quoted in INR =	[i]		
Total cost of the Fume Hood [h]+ [i]	[j]		

**Total cost of the ModularLab Work bench 1+ Modular Lab Work bench 2+ Fume Hood =
Total cost of the Modular Lab Work bench 1+ Modular Lab Work bench 2+ Fume Hood (without
AMC) =**

*Use the conversion factor as on the date of submission of the quotation.

**Give full list of items quoted in Indian Rupees separately.

The price of the optional items should be separately attached

Declaration by the Tenderer

It is hereby declared that the details given above are correct as pertaining to the quoted model. The formal financial bid is enclosed including all relevant details.

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

**Sd/-
DEAN**

**KERALA AGRICULTURAL UNIVERSITY, COLLEGE OF AGRICULTURE,
VELLAYANI, THIRUVANANTHAPURAM**

TENDER NOTICE

TENDERS INVITED FOR INSTALLATION OF MODULAR LABS

FOR DETAILS VISIT

www.kau.edu/tenders

LASTE DATE: 5-03-18, 2.00 PM

Sd/-

DEAN