



UNIVERSITY OF CALICUT

DEPARTMENT OF BOTANY

18285/BOT-SO/2018/Admn

11.07.2018

TENDER NOTICE

The Registrar, University of Calicut, invites open tender through e-tender (2 cover tender) for the purchase of work tables and other equipments for various laboratories in department of botany - (Island Tables, Wall Tables, Wall Storage Cupboard, Vertical Storage Cupboard, Reagent Rack, U Shape Wall Table, L Shape Wall Table and Fume Hood), the details of which are given in the schedule of items below.

To take part in the tender the bidder shall remit the **cost of tender** and **Earnest Money Deposit** as given below.

► Cost of Tender including GST - Rs 5040/-

► EMD Rs 30,000/-

♦ **Performance Security equivalent to 5% of the total value of the contract rounded to the nearest rupee should be submitted by the successful bidder.** The EMD and Performance Security are returnable. The successful bidder should also execute a purchase agreement in Kerala Government Stamp Paper worth Rs.200/- towards fulfillment of the contract.

♦Tender Notice	18285/BOT-SO/2018/Admn
♦Last date of Submission of Bid	26/07/2018 4 PM
♦Pre bid meeting	16/07/2018 11 AM
♦Pre bid Meeting Venue	chamber of the HOD, Dept of Botany
♦Bid opening date	30/07/2018 11 am
♦Date upto which the dates are to be firm	6 months

The Hard Copy of the sealed tenders(only technical details) should be submitted to the Head, Department of Botany, University of Calicut, Calicut University P.O. Malappuram District 673 635 before 4 p.m. on **26/07/2018**. The hard copies submitted should be the exact copies of the technical details submitted (uploaded) in the e-tender portal. Additional details, if any, submitted along with the hard copies will not be considered while evaluating technical bid.

► BIDDER QUALIFICATION CRITERIA :

1. The bidder should be an official member with SEFA (Scientific Equipment & Furniture Association) on a continuous basis for last 5 years. Membership Certificate copy to be provided.
2. SEFA third party test certificate from SEFA approved lab should be submitted. The furniture should conform and be tested as per SEFA-8M (Base cabinet, Wall cabinet & Table) & SEFA – 8W standards in SEFA Approved labs (in India or Abroad) as per SEFA guidelines.
3. The bidder should possess current valid ASHRAE-110 (American society for Heating Refrigeration and Air – conditioning Engineers) membership certificate.
4. The Bidders should possess:-
 - a. ISO 9001 – 2008 (For Manufacturing, supply and installation of fume hood systems, Equipment's & laboratory furniture)
 - b. OHAS 18001: 2007 (For Design, Manufacturing, supply and Installation of Fume Hood systems, Equipment's and laboratory furniture)
 - c. ISO 14001: 2004 (For Design, Manufacturing, supply and Installation of Fume Hood systems, Equipment's and laboratory furniture)
5. The bidder should have carried out one similar work of value not less than Rs. Fifty lakhs, preferably at Central government educational/research Institute/ NIT's/ IIT's/AIIMS.

► BILL OF QUANTITY :

1) ISLAND TABLE (3 NOS)

- 3600 L X 1200 W X 750 H X 1 No's
- 4000 L X 1200 W X 800+450 H X 1 No's
- 3100 L X 1500 W X 900 H X 1 No's

2) WALL TABLE (9 NOS)

- 2100 L 600 W 750 H mm X 1 No's
- 4400 L 900 W 900 H mm X 1 No's
- 4900 L 600 W 900 H mm X 1 No's
- 6600 L 900 W 900 H mm X 1 No's
- 3500 L 750 W 750 H mm X 1 No's
- 1900 L 750 W 750 H mm X 1 No's
- 4800 L 750 W 750 H mm X 1 No's
- 2500 L 600 W 750 H mm X 1 No's
- 2900 L 750 W 900 H mm X 1 No's

3) L SHAPE WALL TABLE (6 NOS)

- (1600+4550) L 750 W 750 H mm x 1 No's
- (1350+6100) L 750 W 750 H mm x 1 No's
- (1600+1500) L 900 W 900 H mm X 1 No's
- (2600+2300) L 900 W 900 H mm X 1 No's
- (2400 + 700) L 900 W 750 H mm X 1 No's
- (1400+3500) L 900 W 750 H mm X 1 No's

4) WALL STORAGE CUPBOARD (2NOS SHELF) (39 NOS)

- 5000 L 300 W 600 H mm x 1 No's
- 900 L 300 W 900 H mm X 1 No's
- 900 L 300 W 900 H mm X 3 No's
- 700 L 300 W 900 H mm X 1 No's
- 1000 L 300 W 900 H mm X 4 No's *
- 1000L 300 W 900 H mm X 7 No's *
- 4350 L 300 W 900 H mm X 1 No's *
- 900 L 300 W 900 H mm X 4 No's *
- 1000 L 300 W 900 H mm X 3 No's *
- 800 L 300 W 900 H mm X 3 No's *
- 900 L 300 W 900 H mm X 5 No's *
- 900 L 300 W 900H mm X 6 No's *

*⇒ 2NOS SHELF

5) VERTICAL STORAGE CUPBOARD (2 NOS SHELF) (1 NOS)

- 900L x 750W x 1800H mm X 1 No

6) REAGENT RACK (1 NOS)

- 6400L x 300W x 750H mm X 1 No

7) U SHAPE WALL TABLE (1 NOS)

- (3650+2220+2900)Lx 750Wx 900H mm x 1 No's

8) FUME HOOD (1 NOS)

- 1500 LX 750 WX 2400 H mm x 1 No's
 - BEDSIZE 1350 X 600 in MM.
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► TECHNICAL SPECIFICATION :

1) ISLAND TABLE

MATERIAL OF CONSTRUCTION

CARCASS CONSTRUCTION

The cabinet construction will be of chemically inert flame proof WPC (Wood Plastic Composite) panel. The panel will be of thickness 17mm. The edges will be sealed with 0.8mm PVC edge tape. (Rehau or Equivalent). The WPC panels should be made out of 70% of virgin polymers & the density of the panel should be minimum of 600kg/m³.

SHUTTERS & DRAWERS FRONTS

The shutters and drawers fronts will have chemical resistance PVC thermo foil face EI/E2 grade core material. The urethane acrylic coating on top of thermo foil is resistant to deformation and scratches. The thickness of shutters and drawers fronts should be minimum 16mm. The thermo foil process must be finished with vacuum press for enhanced durability.

LAMINATION PROCESS

The lamination process should be done with the help of hot press & cyanoacrylate adhesive at a high temperature of 180°C and pressure of 120 bars for long lasting durability and Anti-peeling effect, which usually starts after 10 years of usage.

REAGENT RACK

Wall mounted reagent racks with 3 Tiers designed with at least 16 mm grade BWP plywood (Kitply or equivalent) Treated for fire retardation and termite proof. The loading area of the shelves should be lined with at least 1 mm thick fiber reinforced polymer (FRP) for good chemical resistance. (3 No's)

ELECTRICAL FITTINGS

Sockets and switches with electrical panel should be provided. 15/5A combined sockets with switches with build-in fuses should be provided. (6 Nos. per Island table) (Northeast / Legrand / Anchor)

AMENITIES

2 No's of P.P/Porcelain sink (560x355) mm with 3 way water tap will be provided.

HANDLE

Drawers and cabinet doors should have Recessed Aluminium handle.

LOCK

Godrej (or) equivalent

HINGES

CED coated hinges (Hafele/Hettich)

DRAWER CHANNEL

Hafele / Hettich

WORKTOP

(18mm±1mm) thick Black Granite with little to very little' grains on the surface. Granite slabs shall have uniformity of colour, tone and textures. The entire supply for granite stone slab shall be procured from one location (in one quarry), and supplied preferably, in one lot to keep variations to the minimum. It should be pre polished (mirror polished), all sharp edges half round molded. All edges molding shall be equal in all areas. It shall be free of any surface defect or any edge damage.

PLY BACK

6 mm thick BWP plywood (Kitply or Equivalent must be Provided.

2) WALL TABLE

MATERIAL OF CONSTRUCTION

CARCASS CONSTRUCTION

The cabinet construction will be of chemically inert flame proof WPC (Wood Plastic Composite) panel. The panel will be of thickness 17mm. The edges will be sealed with 0.8mm PVC edge tape. (Rehau or Equivalent). The WPC panels should be made out of 70% of virgin polymers & the density of the panel should be minimum of 600kg/m³.

SHUTTERS & DRAWERS FRONTS

The shutters and drawers fronts will have chemical resistance PVC thermo foil face E1/E2 grade core material. The urethane acrylic coating on top of thermo foil is resistant to deformation and scratches. The thickness of shutters and drawers fronts should be minimum 16mm. The thermo foil process must be finished with vacuum press for enhanced durability.

LAMINATION PROCESS

The lamination process should be done with the help of hot press & cyanoacrylate adhesive at a high temperature of 180°C and pressure of 120 bars for long lasting durability and Anti-peeling effect. which usually starts after 10 years of usage.

AMENITIES

2 No's of P.P/Porcelain sink (560x355) mm with 3 way water tap will be provided.

HANDLE

Drawers and cabinet doors should have Recessed Aluminium handle.

LOCK

Godrej (or) equivalent

HINGES

CED coated hinges (Hafele/Hettich)

DRAWER CHANNEL

Hafele / Hettich

WORKTOP

(18mm±1mm) thick Black Granite with little to very little' grains on the surface. Granite slabs shall have uniformity of colour, tone and textures. The entire supply for granite stone slab shall be procured from one location (in one quarry), and supplied preferably, in one lot to keep variations to the minimum. It should be pre polished (mirror polished), all sharp edges half round molded. All edges molding shall be equal in all areas. It shall be free of any surface defect or any edge damage.

PLY BACK

6 mm thick BWP plywood [Kitply or Equivalent must be Provided.

3) 'L' SHAPE WALL TABLE

MATERIAL OF CONSTRUCTION

Cabinet Carcass

The cabinets should be constructed from atleast 17mm thick WPC panels (Plastic Composite Boards) which have Ecofriendly, fire resistant, water proof, termite proof & chemical resistant properties making it suitable for laboratory environment. (Jeluplast/Aceplastica/ Equivalent)

Chemical Resistant Coating

The carcass loading levels & internal walls must be provided with 1 mm thick chemically inert FRP lining as a secondary coating, and hence making the effect of chemicals and solvents obsolete. All exposed edges are lipped with PVC lipping not less than 2mm to protect from Impacts, moisture and insects. The lipping is of the machine applied with hot melt glue at a temperature of 205 degree Celsius. (Rehau/Redstar/Equivalent) The joinery construction should be with biscuit type joints, clamped to perfect alignment. (mini fix and dowel joints not accepted)

Carcass Shutters & Drawer Fronts

The shutters & drawer fronts should be constructed from at least 17mm thick WPC panels (Plastic Composite Boards) which have Eco friendly, fire resistant, water proof, termite proof & chemical resistant properties making it suitable for laboratory environment. (Jeluplast/Aceplastica/ Equivalent) The lamination should be done with hot press with minimum 90 tones of pressure. The lamination should be CRL (Chemical Resistant Laminate) type and should conform to BIS standards. (Merino /Formica/ Equivalent) The height of the drawer must be atleast 150mm and that of the storage cabinet below should be atleast 450mm. The cabinets will be of width 450/600/800mm as per the tender engineering drawing.

ROLLER CATCH

A two-piece chemically inert nylon roller catch shall be provided on all base cupboard doors and shall be positioned near the pivoting edge of door to provide a clean unobstructed opening. Main body of the catch shall be confined within an integral cabinet divider rail, while latching post shall be mounted on the hinge side of door.

LAMINATION PROCESS

The lamination process should be done with the help of hot press & cyanoacrylate adhesive at a high temperature of 180°C and pressure of 120 bars for long lasting durability and Anti- peeling effect, which usually starts after 10 years of usage.

HANDLE

Handle shall be of modern design, recessed type offering a comfortable handgrip, and be securely fastened to doors and drawers with screws. All pulls shall be satin finish aluminum, with a clear, lacquer finish. Two pulls shall be required on all drawers over 24" long. Use of plastic pulls (molded or extruded), or a design not compatible for usage will not be acceptable. The handles length should be atleast 96mm. (Hettich / Hafele / Equivalent)

LOCK

Square type multipurpose locks with 2 sets of keys, will be provided (Godrej/ Equivalent)

HINGES

The hinges will be of nickel coated, self closing type with opening angle upto 90 degree, (Hettich/ Hafele/ Equivalent) fitted to the shutter with stainless steel screws/nuts & bolts. Special coating for hinges: The hinges will be of CED finish (Cathode Electrode Deposition) for enhanced chemical resistance.

DRAWER CHANNEL

Hafele / Hettich

WORKTOP

(18mm±1mm) thick Black Granite with little to very little' grains on the surface. Granite slabs shall have uniformity of colour, tone and textures. The entire supply for granite stone slab shall be procured from one location (in one quarry), and supplied preferably, in one lot to keep variations to the minimum. It should be pre polished (mirror polished), all sharp edges half round molded. All edges molding shall be equal in all areas. It shall be free of any surface defect or any edge damage.

PLY BACK

12 mm thick BWP plywood (Kitply or Equivalent must be Provided).

4) WALL STORAGE CUPBOARD (2NOS SHELF)

MATERIAL OF CONSTRUCTION

Cabinet Carcass

The cabinet construction will be of chemically inert flame proof WPC (Wood Plastic Composite) panel. The panel will be of thickness 17mm. The edges will be sealed with 0.8mm PVC edge tape. (Rehau or Equivalent). The WPC panels should be made out of 70% of virgin polymers & the density of the panel should be minimum of 600kg/m³

SHUTTERS

The shutters will have chemical resistance PVC thermo foil face EI/E2 grade core material. The urethane acrylic coating on top of thermo foil is resistant to deformation and scratches. The thickness of shutters and drawers fronts should be minimum 16mm. The thermo foil process must be finished with vacuum press for enhanced durability. It will have front door and horizontal partition will be provided. The unit will be fixed on the wall through the eye- let holes.

5) VERTICAL STORAGE CUPBOARD (2NOS SHELF)

MATERIAL OF CONSTRUCTION

Cabinet Carcass

The cabinets should be constructed from atleast 17mm thick WPC panels (Plastic Composite Boards) which have Ecofriendly, fire resistant, water proof, termite proof & chemical resistant properties making it suitable for laboratory environment. (Jeluplast/Aceplastica/Equivalent) Chemical Resistant Coating The carcass loading levels & internal walls must be provided with 1mm thick chemically inert FRP lining as a secondary coating, and hence making the effect of chemicals and solvents obsolete. All exposed edges are lipped with PVC lipping not less than 2mm to protect from impacts, moisture and insects. The lipping is of the machine applied with hot melt glue at a temperature of 205 degree Celsius. (Rehau/Redstar/Equivalent) The joinery construction should be with biscuit type joints, clamped to perfect alignment. (mini fix and dowel joints not accepted)

Carcass Shutters Fronts

The shutters fronts should be constructed from atleast 17mm thick WPC panels (Plastic Composite Boards) which have Ecofriendly, fire resistant, water proof, termite proof & chemical resistant properties making it suitable for laboratory environment. (Jeluplast/Aceplastica/Equivalent) The lamination should be done with hot press with minimum 90 tones of pressure. The lamination should be CRL (Chemical Resistant Laminate) type and should conform to BIS standards. (Merino /Formica /Equivalent) The height of the drawer must be atleast 150mm and that of the storage cabinet below should be atleast 450mm. The cabinets will be of width 450/600/800mm as per the tender engineering drawing.

HORIZONTAL PARTITION 6 No's

VERTICAL PARTITION 3 No's

The vertical drawer will have wheels for smooth running purpose. An index card will be provided for identification of materials. Each drawer will have locking facility.

6) REAGENT RACK

MATERIAL OF CONSTRUCTION

Cabinet Carcass

The cabinets should be constructed from atleast 17mm thick WPC panels (Plastic Composite Boards) which have Ecofriendly, fire resistant, water proof, termite proof & chemical resistant properties making it suitable for laboratory environment. (Jeluplast/Aceplastica/Equivalent)

Chemical Resistant Coating

The carcass loading levels & internal walls must be provided with 1mm thick chemically inert FRP lining as a secondary coating, and hence making the effect of chemicals and solvents obsolete. All exposed edges are lipped with PVC lipping not less than 2mm to protect from impacts, moisture and insects. The lipping is of the machine applied with hot melt glue at a temperature of 205 degree Celsius. (Rehau/Redstar/Equivalent) The joinery construction should be with biscuit type joints, clamped to perfect alignment. (mini fix and dowel joints not accepted)

REAGENT RACK

The Reagent Rack vertical uprights are constructed from 18 gauge Galvanized Steels (Tata/ JSW/ equivalent) with Zinc deposition of at least 120 gsm and epoxy powder coating of at least 80 micron thickness (Jotun/ akzonoble/ equivalent). Adjustable shelf assemblies consist of a pair of shelf brackets. The shelf brackets engages the inner slot of the double slotted structural module

upright and is adjustable on 1" center. The shelves are made of at least 18 mm thick BWP (Boiled Water Proof) plywood (kitply/ Sharon/ equivalent) with both sides high pressure lamination of at least 0.8 mm thickness (Merino/ Formica /equivalent) Pressed using a hot press at high temperature & pressure.

CHEMICAL RESISTANT COATING FOR REAGENT RACK SHELVES

The Reagent Rack loading levels (Tier I & Tier II) should be lined with at least 1 mm thick fiber reinforced polymer (FRP) for enhanced chemical resistance.

ELECTRICAL FITTINGS

All the electrical fittings should be for a voltage of 220/240V AC 50HZ. 15/5 A combined sockets for both round and square pins with Switches and fitting makes should be either Legrand Crab tree, Northwest or equivalent and wires from Polycab, V guard, Finolex or equivalent.

7) 'U' SHAPE WALL TABLE

MATERIAL OF CONSTRUCTION

Cabinet Carcass

The cabinets should be constructed from atleast 17mm thick WPC panels (Plastic Composite Boards) which have Ecofriendly, fire resistant, water proof, termite proof& chemical resistant properties making it suitable for laboratory environment. (Jeluplast/Ace plastica/Equivalent)

Chemical Resistant Coating

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Carcass Shutters & Drawer Fronts

The shutters & drawer fronts should be constructed from atleast 17mm thick WPC panels (Plastic Composite Boards) which have Eco friendly, fire resistant, water proof, termite proof & chemical resistant properties making it suitable for laboratory environment. (Jeluplast/Aceplastica/Equivalent)The lamination should be done with hot press with minimum 90 tones of pressure. The lamination should be CRL (Chemical Resistant Laminate) type and should conform to BIS standards. (Merino /Formica / Equivalent) The height of the drawer must be atleast 150mm and that of the storage cabinet below should be atleast 450mm. The cabinets will be of width 450/600/800mm as per the tender engineering drawing.

ROLLER CATCH

A two-piece chemically inert nylon roller catch shall be provided on all base cupboard doors and shall be positioned near the pivoting edge of door to provide a clean unobstructed opening. Main body of the catch shall be confined within an integral cabinet divider rail, while latching post shall be mounted on the hinge side of door.

LAMINATION PROCESS

The lamination process should be done with the help of hot press & cyanoacrylate adhesive at a high temperature of 180°C and pressure of 120 bars for long lasting durability and Anti-peeling effect, which usually starts after 10 years of usage.

HANDLE

Handle shall be of modern design, recessed type offering a comfortable handgrip, and be securely fastened to doors and drawers with screws. All pulls shall be satin finish aluminum, with a clear, lacquer finish. Two pulls shall be required on all drawers over 24 inch long. Use of plastic pulls (molded or extruded), or a design not compatible for usage will not be acceptable. The handles length should be atleast 96mm. (Hettich / Hafele / Equivalent)

LOCK

Square type multipurpose locks with 2 sets of keys, will be provided (Godrej/Equivalent)

HINGES

The hinges will be of nickel coated, self closing type with opening angle upto 90degree, (Hettich / Hafele / Equivalent) fitted to the shutter with stainless steelscrews/nuts & bolts. Special coating for hinges: The hinges will be of CED finish (Cathode Electrode Deposition) for enhanced chemical resistance.

DRAWER CHANNEL

Hafele / Hettich

WORKTOP

(18mm±1mm) thick Black Granite with little to very little' grains on the surface. Granite slabs shall have uniformity of colour, tone and textures. The entire supply for granite stone slab shall be procured from one location (in one quarry), and supplied preferably, in one lot to keep variations to the minimum. It should be pre polished (mirror polished), all sharp edges half roundmolded. All edges molding shall be equal in all areas. It shall be free of any surface defect or any edge damage.

PLY BACK

6 mm thick BWP plywood (Kitply or Equivalent must be Provided.

8) FUME HOOD

TESTING STANDARDS:-

- ASHRAE 110:1995 (American Society of Heating, Refrigerating and Air Conditioning Engineers)
- The bidder must provide valid third party test certificate for Fume Hoods.
- CERTIFICATION: SEFA-8 (Scientific Equipments and Furniture Association)
- The bidder must have valid SEFA Executive membership certificate.

MATERIAL OF CONSTRUCTION

CARCASS CONSTRUCTION

The cabinet construction will be of chemically inert flame proof WPC (Wood Plastic

Composite) panel. The panel will be of thickness 17mm. The edges will be sealed with 0.8mm PVC edge tape. (Rehau or Equivalent). The WPC panels should be made out of 70% of virgin polymers& the density of the panel should be minimum of 600kg/m³.

SHUTTERS FRONTS

The shutters will have chemical resistance PVC thermo foil face EI/E2 grade core material. The urethane acrylic coating on top of thermo foil is resistant to deformation and scratches. The thickness of shutters and drawers fronts should be minimum 16mm. The thermo foil process must be finished with vacuum press for enhanced durability.

DOOR

Single, Vertical sliding, concealed type door, balance with counter weights and wire rope etc.

POWERED BY

1HP 1380 RPM TEFC 3ph Good Make Motor, (in built).

DUCTING

Rigid ducting of FRP of 200mm dia. 10 feet 4 mm thick rigid FRP Pipe will be provided with suitable rain hood

BAFFLE

A stable non adjustable with a single slot on the back baffle to aid in distributing the flow of air into and through the hood. The baffle shall be removable. The baffle shall be spaced out from the back liner and shall be removable for cleaning.

IMPELLER

Dynamically balanced FRP Impeller

BAFFLED BY

3MM thick FRP sheet

CENTRIFUGAL BLOWER

Silent high efficiency remote blower consisting of continuous rotating motor and chemical resistant impeller. The blower is designed to give a face velocity at safe working height as per the international safe velocity norms (ANSI). The expected face velocity at open sash is 100 FPM. The blower body is FRP UV treated high density and chemical (corrosion) resistant and is mounted on a metallic stand.

CASING

6mm thick FRP Bisphenol A fumarate Resin.

COUPLING

Direct

SASH

The sash shall be of glass with vertical rising frame. The bottom of the sash frame shall have a full length handle. The sash be counter operation. The glass panel shall be 5mm toughened glass.

BOTTOM ARRANGEMENT

CARCASS CONSTRUCTION

The cabinet construction will be of chemically inert flame proof WPC (wood plastic composite) panel. The panel will be of thickness 17 mm. The edges will be sealed with 0.8 mm PVC edge tape. (Rehau / equivalent). The WPC panels should be made out of 70% of the virgin polymers and the density of the panel should be minimum of 600kg/M3.

SHUTTERS FRONTS

The shutters fronts will have chemical Shutters Fronts resistance PVC thermo foil face E1/E2 grade core material. The urethane acrylic coating on top of thermo foil is resistant to deformation and scratches. The thickness of shutters and drawers fronts should be minimum 16mm. The thermo foil process must be finished with vacuum press for enhanced durability

SUCTION EXPECTED

800-1000 cfm

FLOORING

18+- mm thick dished Black Granite Top with skirting will be provided.

AMENITIES(Included)

LIGHTING} 1 No 4 Feet Tube light of 20 Volts will be provided

ELECTRICAL ARRANGEMENTS } The hood super structure shall be fully wired. It also has 2 No's. Electrical sockets

and switches of (230v, 15/5A, 50HZ

CABLE ENTERING PORT} For easy access of cable of from fume hood to electrical sockets.

SINK AND WATER TAP} 1 No of FRP Sink (12"x 10") with single way water tap will be provided.

Note:

Warranty : Warranty for a minimum period of one year must be quoted.

3D Diagram: A 3D Diagram must be provided along with the technical bid.

► TERMS AND CONDITIONS :

- 1) The bidder should be an OEM or OEM authorised partner and firm should produce OEM authorisation, mentioning warranty and service assurance.
- 2) The bidder should clearly mention the make and model number with deviations (if any) in the technical bid.
- 3) The bidder should attach the technical data sheet of the make and model being quoted in the tender.
- 4) For equipments to be imported from abroad ,the prices should be quoted in terms of the respective foreign currency, for CIF Calicut. The Company /or the agent shall be responsible for the transportation and installation of the Equipment in the Department of Botany, University of Calicut.
- 5) The University shall provide all documents for the customs clearance such as the DSIR Certificate, Essentiality Certificate etc. for submitting to the customs duty.
- 6) All the pre-installation requirements should be mentioned in the bid.

7) The bidder should have GST Registration and copy of the same should be submitted. The base price, GST and other charges, if any should be furnished in tender. Price quoted should be inclusive of all charges including all taxes, delivery and installation charges.

8) The firms should clearly satisfy the warranty terms and the quoted items should meet all the technical specifications. A minimum of one year warranty for the items supplied is compulsory.

9) The firms who fail to submit the above details (with proofs) will be automatically rejected.

General Conditions:-

1. No tender received after the specified date and time will be accepted on any account. The rates will be considered firm for acceptance till the date mentioned below. Tenders not stipulating period of firmness and tenders with price variation clause and/or 'subject to prior sale' condition are liable to be rejected.

2. (a) Every tenderer who has not registered his name with the state Government (Stores Purchase Department), should send along with his tender, an earnest money of one per cent of the total cost of the articles tendered for (rounded to the nearest rupee) subject to a minimum of Rs.1500, if the amount calculated at one per cent of the value of the articles tendered for falls below Rs.1500. No interest will be paid for the earnest money deposited.

(b) Tenderers whose names are registered with Government (Stores Purchase Department) are generally exempted from furnishing earnest money for such articles for which they have registered their names. If they tender for stores other than those for which they have registered their names, they will have to furnish earnest money as in the case of unregistered firms. Registered firms will have to quote invariably in every tender they submit the registration number assigned to them by the Stores Purchase Department.

(c) (i) Micro, Small & Medium Enterprises and Cottage Industries and Industrial co-operatives within the State which are certified as such by the Director of Industries and commerce or by the Regional Joint Directors of Industries and Commerce will be exempted from furnishing earnest money deposits in support of tenders submitted by them. The Khadi and village Industries Cooperative Societies and the institutions registered under the Literary, Scientific and Charitable Societies Act and financed by the Kerala Khadi and Village Industries Board within that State which are certified as such by the Secretary, Kerala Khadi Village Industries Board will be exempted from furnishing earnest money deposits in support of tenders submitted by them. Government Institutions/State Public Sector Industries which manufacture and supply stores will also be exempted from furnishing earnest money for tenders submitted by them.

(ii) Micro and Small Enterprises and Industrial Co-operatives within the State which have been registered as such with the Industries Department (Department under the control of the Director of Industries and Commerce) on furnishing proof of such registration will be exempted from furnishing security deposit against contracts for supply of stores manufactured by them provided that an officer of and above the rank of Deputy Director of Industries and commerce having jurisdiction over the area also certifies to the soundness and reliability of the concerns to undertake the contracts. The Khadi and Village Industries Co-operative Societies within the State which have been registered as such with the Kerala Khadi and Village Industries Board and the institutions registered under the Literary, Scientific and Charitable Societies Act and which are financed by the Board within the State on furnishing proof of such registration will be exempted

from furnishing security deposits against contracts for supply of stores manufactured by them provided that the Secretary, Kerala Khadi and Village Industries Board also certifies to the soundness and reliability of the concerns to undertake the contracts.

(d) In the matter of purchase of stores Small Scale Industrial Units sponsored by the National Small Scale Industries Corporation Limited, New Delhi and in respect of which competency certificates are issued by the Corporation will be exempted from payment of Earnest Money Deposits and Security Deposits.

(e) The exemption stipulated in clauses (b), (c) and (d) above will not however, apply to tenders for the supply of raw materials or dietary articles or stores on rate or running contract basis.

3. The tenders will be opened on the appointed day and time in the office of the undersigned.

4. If any tenderer withdraws from his tender before the expiry of the period fixed for keeping the rates firm for acceptance, the earnest money if, any, deposited by him will be forfeited to University or such action taken against him as University think fit.

5. Tenderers shall invariably specify in their tenders the delivery conditions including the time required for the supply of articles tendered for

6. (a) The tenderer shall clearly specify whether the articles offered bear Indian Standards Institution Certification Mark or not. In such cases, they shall produce copies of Certification mark along with their tender in support of it.

(b) Tenderers shall clearly specify whether the goods are offered from indigenous sources, from imported stocks in India or from foreign sources to be imported under a license. The University reserves the right to reject offers for import of goods if the Import Trade Control Policy in force at the time of award of the contract prohibits or restricts such imports.

7. The final acceptance of the tenders rests entirely with the University who do not bind themselves to accept the lowest or any tender. But the tenderers on their part should be prepared to carry out such portion of the supplies included in their tenders as may be allotted to them.

8. In the case of materials of technical nature the successful tenderer should be prepared to guarantee satisfactory performance for a definite period under a definite penalty.

9. Communication of acceptance of the tender normally constitutes a concluded contract. Nevertheless, the successful tenderer shall also execute an agreement for the due fulfillment of the contract within the period to be specified in the letter of acceptance. The contractor shall have to pay all stamp duty, lawyer's charges and other expenses incidental to the execution of the agreement. Failure to execute the agreement within the period specified will entail the penalties set out in para 12 below.

10. (a) The successful tenderer shall, before signing the agreement and within the period specified in the letter of acceptance of his tender deposit a sum equivalent to 5 per cent of the value of the contract as security for the satisfactory fulfillment of the contract. The amount of security may be deposited in Government Treasury Savings Bank and the Pass Book pledged to Purchasing Officer or in Fixed Deposit Receipts of State Bank of India endorsed in favour of the above officer. Letters of guarantee in the prescribed form for the amount of security from an approved Bank will also be considered enough at the discretion of University. If the successful tenderer fails to deposit the security and execute the agreement as stated above, the

earnest money deposited by him will be forfeited to University and contract arranged elsewhere at the defaulter's risk and any loss incurred by University on account of the purchase will be recovered from the defaulter who will, however, not be entitled to any gain accruing thereby. If the defaulting firm is a registered firm their registration is liable to be cancelled.

(b) In cases where a successful tenderer, after having made partial supplies fails to fulfil the contracts in full, all or any of the materials not supplied may at the discretion of the Purchasing Officer, be purchased by means of another tender/ quotation or by negotiation or from the next higher tenderer who had offered to supply already and the loss, if any, caused to the University shall thereby together with such sums as may be fixed by the University towards damages be recovered from the defaulting tenderer.

(c) Even in cases where no alternate purchases are arranged for the materials not supplied, the proportionate portion of the security deposit based on the cost of the materials not supplied at the rate shown in the tender of the defaulter shall be forfeited and balance alone shall be refunded.

(d) If the contractor fails to deliver all or any of the stores or perform the service 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% or 1% of the delivered price of the delayed stores or unperformed services for each week of delay until actual delivery or performance, up to a maximum deduction of 10% of the contract prices of the delayed stores or services. Once the maximum is reached, the purchaser may consider termination of the contract at the risk and cost of the contractor.

11. The security deposit shall, subject to the conditions specified herein, be returned to the contractor within three months after the expiration of the contract, but in the event of any dispute arising between the Department concerned and the contractor, the Department shall be entitled to deduct out of the deposits or the balance thereof, until such dispute is determined the amount of such damages, costs, charges and expenses as may be claimed. The same may also be deducted from any other sum which may be due at any time from University to the contractor. In all cases where there are guarantee for the goods supplied the security deposit will be released only after the expiry of the guarantee period.

12. (a) All payments to the contractors will be made by the Purchasing Officer in due course:-

(i) by cheques or drafts on the Reserve Bank of India, State Bank of India (at any of their Principal Branches in India). parties.

(b) All incidental expenses incurred by the University for making payments outside the district

or incidental expenses incurred by the University for making payments outside the district in which the claim arises shall be borne by the contractor.

13. The tenderers shall quote also the percentage of rebate (discount) offered by them in case the payment is made promptly within fifteen days/within one month of taking delivery of stores.

14. Ordinarily payments will be made only after the supplies are actually verified and taken to stock but in exceptional cases, payments against satisfactory shipping documents including certificates of Insurance will be made up to 90 percent of the value of the materials at the discretion of University. Bank charges incurred in connection with payment against documents through bank will be to the account of the contractor. The firms will produce stamped pre-receipted invoices in all cases where payments (advance/final) for release of railway receipts/shipping documents are made

throughbanks. In exceptional cases where the stamped receipts of the firms are not received for the payments (in advance) the unstamped receipt of the Bank (i.e., counterfoils of pay-in-slips issued by the Bank) alone may be accepted as a valid proof for the payment made.

15. The contractor shall not assign or make over the contract on the benefits or burdens thereof to any other person or body corporate. The contractor shall not underlet or sublet to any person or persons or body corporate the execution of the contract or any part thereof without the consent in writing of the purchasing officer who shall have absolute power to refuse such consent or to rescind such consent (if given) at any time if he is not satisfied with the manner in which the contract is being executed and no allowance or compensation shall be made to the contractor or the subcontractor upon such rescission. Provided always that if such consent be given at any time, the contractor shall not be relieved from any obligation, duty or responsibility under this contract.

16. (a) In case the contractor becomes insolvent or goes into liquidation, or makes or proposes to make any assignment for the benefit of his creditors or proposes any composition with his creditors for the settlement of his debts, carries on his business or the contract under inspection on behalf of or his creditors, or in case any receiving order or orders, for the administration of his estate are made against him or in case the contractor shall commit any act of insolvency or case in which under any clause or clauses of this contract the contractor shall have rendered himself liable to damages amounting to the whole of his security deposits, the contract shall, thereupon, after notice given by the Purchasing Officer to the contractor, be determined and the University may complete the contract in such time and manner and by such persons as the University shall think fit. But such determination of the contract shall be without any prejudice to any right or remedy of the University against the contractor or his sureties in respect of any breach of contract therefore committed by the contractor. All expenses and damages caused to University by any breach of contract by the contractor shall be paid by the contractor to University, and may be recovered from him under the provisions of the Revenue Recovery Act in force in the State.

17. (a) In case the contractor fails to supply and deliver any of the said articles and things within the time provided for delivery of the same, or in case the contractor commits any breach of any of the covenants, stipulations and agreements herein contained, and on his part to be observed and performed, then and in any such case, it shall be lawful for University (if they shall think fit to do so) to arrange for the purchase of the said articles and things from elsewhere or on behalf of the University by an order in writing under the hand of the Purchasing Officer put an end to this contract and in case the University shall have incurred, sustained or been put to any costs, damages or expenses by reason of such purchase or by reason of this contract having been so put an end to or in case any difference in price, compensation, loss, costs, damages, expenses or other money shall then or any time during the continuance of this contract be payable by the contractor to the University under and by virtue of this contract, it shall be lawful for the University from and out of any moneys for the time being payable or owing to the contractor from the University under or by virtue of this contract or otherwise to pay and reimburse to the University all such costs, damages and expenses they may have sustained, incurred or been put to by reason of the purchase made elsewhere or by reason of this contract having been so put an end to as aforesaid and also all such difference in price, compensation, loss, costs, damages, expenses and other moneys as shall for the time being be payable by the contractor aforesaid.

(b) In case any difference or dispute arises in connection with the contract, all legal proceedings relating to the matter shall be instituted in the Court within whose jurisdiction the Purchasing Officer voluntarily resides.

18. Any sum of money due and payable to the contractor (including security deposit returnable to him) under this contract may be appropriated by the Purchasing Officer or University or any other person authorized by University and set off against any claim of the Purchasing Officer or University for the payment of a sum of money arising out of or under any other contract made by the contractor with the Purchasing Officer or University or any other person authorized by University. Any sum of money due and payable to the successful tenderer or contractor from University shall be adjusted against any sum of money due to University from him under any other contracts.

19. Every notice hereby required or authorized to be given may be either given to the contractor personally or left at his residence or last known place of abode or business, or may be handed over to his agent personally, or may be addressed to the contractor by post/e-mail at his usual or last known place of abode or business and if so addressed and posted/e-mailed, shall be deemed to have been served on the contractor on the date on which, in the ordinary course of post, a letter so addressed and posted would reach his place of abode or business.

20. The tenderer shall undertake to supply materials according to the standard sample and /or specifications.

21. (a) No representation for enhancement of rates once accepted will be considered. However, in exceptional cases if University is convinced of any compelling need for enhancement of rate, it may do so.

(b) In the case of imported goods, when the price accepted is the ex-site price quoted by the tenderer, the benefit of any reduction in the C.I.F . price should accrue to the University.

22. Any attempt on the part of the tenderers or their agents to influence the University in their favour by personal canvassing with the Officers concerned will disqualify the tenderers.

23. Tenderers should be prepared to accept orders subject to the penalty clause for forfeit of security in the event of default in supplies or failure to supply within the stipulated period.

24. Samples should be forwarded if called for and unapproved samples go back by the tenderers at their own cost. Samples sent by V.P. Post or 'freight to pay' will not be accepted. The approved samples may or may not be returned at the discretion of the undersigned. Samples sent by post, railway or plane should be so despatched as to reach the Purchasing Officer not later than the date on which the tenders are due. In the case of samples sent by railway the receipt should be sent separately and be responsible if any sample is found missing at any time due to the non-observance of the provisions of this clause. Tenderers whose samples are received late will not be considered. Samples should be forwarded under separate cover duly listed and the corresponding number of the item in the tender schedule should also be noted in the list of samples. Tenders for the supply of materials are liable to be rejected unless samples, if called for, of the material tendered for are forwarded.

25. (a) The prices quoted should be inclusive of all taxes, duties cesses, etc., which are or may become payable by the contractor under existing or future laws or rules of the country of origin/supply or delivery during the course of execution of the contract.

(b) In case payment of customs/excise duty is to be made by the Purchasing Officer, the Purchasing Officer will pay the duty on the "unloaded invoice price" only in the first instance, any

difference being paid when the tenderer produces, the final assessment orders later.

26. Special conditions, if any, of the tenders attached with the tenders will not be applicable to the contract unless they are expressly accepted in writing by the purchaser.

♦ Tender documents and tender schedule may be downloaded free of cost from the Website www.etenders.kerala.gov.in. All bid/tender documents are to be submitted online only and in the designated cover(s)/envelope(s) on the website. Tenders/Bids shall be accepted only through online mode on the website and no manual submission of the same shall be entertained. Late tenders will not be accepted. Further details can be had from the Deputy Registrar, Purchase Division, University of Calicut, Malappuram, during working hours. (0494– 2407130, 2407160)

Online Payment modes:

The tender document fees can be paid in the following manner through ePayment:

1. State Bank of India (SBI) Internet Banking: If a bidder has a SBI internet banking account, then, during the online bid submission process, bidder shall select SBI option and then select Internet banking option. The e-Procurement system will re-direct the bidder to SBI's internet banking page where he can enter his internet banking credentials and transfer the tender document amount.

2. National Electronic Fund Transfer (NEFT): If a bidder holds bank account in a different bank, then, during the online bid submission process, bidder shall select NEFT option. An online remittance form would be generated, which the bidder can use for transferring amount through NEFT either by using internet banking of his bank or visiting nearest branch of his bank. After obtaining the successful transaction receipt no., the bidder has to update the same in e-Procurement system for completing the process of bid submission. Bidder should only use the details given in the Remittance form for making a NEFT payment otherwise payment would result in failure in e-Procurement system. As NEFT payment status confirmation is not received by e-Procurement system on a real time basis, bidders are advised to exercise NEFT mode of payment option at least 48 hours prior to the last date and time of bid submission to avoid any payment issues.

NEFT payment should be done according to following guidelines:

1. Single transaction for remitting Tender document fee and EMD: Bidder should ensure that tender document fees and EMD are remitted as one single transaction.
2. Account number as per Remittance Form only: Account no. entered during NEFT remittance at any bank counter or during adding beneficiary account in Internet banking site should be the same as it appears in the remittance form generated for that particular bid by the e-Procurement system. Bidder should ensure that tender document fees and EMD are remitted only to the account number given in the Remittance form provided by e-Procurement system for that particular tender. Bidders must ensure that the banker inputs the Account Number (which is case sensitive) as displayed in the Remittance form. No additional information like bidder name, company name, etc. should be entered in the account no. column along with account no. for NEFT remittance.
3. Only NEFT Remittance Allowed: RTGS payments, Account to Account transfers, State Bank Group Transfers (GRPT) or Cash payments are not allowed and are treated as invalid mode of payments. Bidder must ensure that the banker does NEFT transaction

only irrespective of the amount and specially instruct the banks not to convert the payment type to RTGS or GRPT.

4. Amount as per Remittance form: Bidder should ensure that the amount being remitted is neither less nor higher than the amount shown in remittance form.

5. UTR Number: Bidders should ensure that the remittance confirmation (UTR number) received after NEFT transfer should be updated as it is, in the eProcurement system for tracking the payment.

6. One Remittance Form per Bidder and per Bid: The remittance form provided by e-Procurement system shall be valid for that particular bidder and bid and should not be re-used for any other tender or bid or by any other bidder. Any transaction charges levied while using any of the above modes of online payment has to be borne by the bidder. The supplier/contractor's bid will be evaluated only if payment status against bidder is showing "Success".

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