

**No. C7 /9150 /2017**

**Date: 14.06.2017**

**TENDER NOTICE**

Sealed Tenders are invited by the Registrar, Bharathiar University, Coimbatore 641 046 **upto 3.00 P.M on 05.07.2017** from the reputed firms for the supply of “ **Plant Growth Chamber**” **to the Dept.of Environmental Sciences.**

Tender documents with schedule can be downloaded from our website : [www.b-u.ac.in](http://www.b-u.ac.in) and **T.N.Govt.tender Portal** [www.tenders.tn.gov.in](http://www.tenders.tn.gov.in) from **16.06.2017 to 05.07.2017** . Tenders should be submitted along with the **tender cost of Rs.6,300/- and EMD of Rs.18,000/-** in the form of DD drawn in favor of the Registrar, Bharathiar University payable at Coimbatore.

**REGISTRAR i/c  
BHARATHIAR UNIVERSITY**

TENDER CONDITIONS AND INSTRUCTIONS FOR THE SUPPLY OF PLANT GROWTH  
CHAMBER FOR THE DEPT. OF ENVIRONMENTAL SCIENCES

1. Sealed Tenders will be received by the Registrar, Bharathiar University, up to 3.00 p.m. on **05.07.2017** for the supply of **Plant Growth Chamber** to the DST-SERB-EMR Project, Dept.of Envi.Sciences of this University as specified in the schedule.
2. Tender should be addressed to the Registrar, Bharathiar University and should be only in sealed covers by Registered post/ or in person. Tenders received in ordinary covers without seal will not be considered.
3. The tender cover with Ref.No. should be superscribed as “Tender for the supply of **“Plant Growth Chamber“ to the DST-SERB-EMR Project, Dept.of Envi.Sciences , Bharathiar University. Due on 05.07.2017.** The covers received without such superscription will be rejected summarily.
4. The tenders will be opened by the Registrar in the Registrar’s Chamber at 4.00 p.m. on **05.07.2017** in the presence of the tenderers who are present.
5. Each tender shall be accompanied with the requisite Tender Cost of Rs.6,300/- and EMD of Rs.18,000/- in the form of DD drawn in one of the Nationalised Banks in the name of “Registrar, Bharathiar University” payable at Coimbatore. Cheques and Bank Guarantees will not be accepted. EMD will not carry any interest.
  - i) If The tender submitted without the earnest money deposit be summarily rejected provided that any category of tenderers specifically exempted by the Government from the payment of earnest money deposit /tender cost necessary certificate should be enclosed for exemption otherwise it will be liable for rejection.
6. Tenders received late will be returned to the tenderer unopened.
7. The tender should contain particulars like the name and addresses of the Tenderers,
  - a) Net rate including excise duty, surcharge, sales tax, freight, octroi, insurance, delivery, installation and such other levies that may be applicable.
  - b) The rates will be kept firm for Ninety days from the date of the opening of the Tenders in acceptance.
  - c) The rate should be quoted for each item with specification and model if applicable and should be indicated clearly both in words and figures. Any scoring or overwriting should be attested by the tenders with full signature. The rate quoted should be firm and should not be subjected to any variation clauses.
- d) **Price:**
  - i) For imported equipments the Price shall be quoted in any Currency for CIF /CIP Chennai/FOR Coimbatore.
  - ii) For Indigenous equipments : Quote the price in INR with taxes and warranty. separate charges for warranty will not be considered at any cost , should mention the valid local Sales Tax Registration/VAT Registration/CST Registration Numbers along with the copy of the registration Certificate
- e) University shall not pay increase in duties, taxes and surcharges on account of any revision by the Government at the time of supply and installation.
- f) Supply should be as per the specifications mentioned in the Schedule
- g) The tenderers should quote as per the tender specifications only. Option shall be given separately.

**8. Tenders will be opened on 05.07.2017 at 4.00 PM by the Registrar or her nominee in the presence of Tenderers or their representatives who may be present at the time of opening. The representatives of the tendering firms who are attending during opening of the tenders should bring a letter of authorization from the tendering firms, which they represent to identify their bonafied.**

9. The tender shall be valid for a period of 90 days from the date opening. Tender should not withdraw his tender after the tenders are opened. In case the tender is withdrawn after it is opened, the EMD paid will be forfeited.
10. The EMD of the unsuccessful tenders will be refunded immediately after the tenders are disposed of by the competent authority.
11. Successful tender shall execute an agreement for the fulfillment of contract in the stamp paper in the model form. The conditions stipulated in the form should be strictly adhered to and violation of any of the conditions will entail termination of the contract without prejudice to be right of the University and to recover any consequential loss from the successful tender.
12. Successful tender shall remit a Security deposit 5.5% to the order value . Security Deposit will be refunded at the end of warranty period subject to the satisfaction of the University. The EMD may be adjusted towards Security deposit payable.
13. If the Successful tender failed to act up to the tender or backs out when his tender accepted, security deposit will also be forfeited to department .
14. The material should be supplied strictly in accordance with the specifications given in the Schedule and should fulfill the successful tests carried out by the Competent Authority of the University. The supply and installation should be made as per the delivery schedule to be sent by the Registrar . The warranty period shall take effect from the date of trial run. Successful tender shall be liable to change any defective part during the warranty period. In either case the damaged or defective items will have to be taken back at supplier's cost and risk.
15. For imported, if the quoted value in currency, the Payment will be made by means of irrevocable Letter of Credit / FDD in favor of the Principal Supplier after receipt of Security deposit and agreement. Advance wire transfer is not applicable Payment through Wire transfer is acceptable after supply only.
16. For indigenous equipments the payment will be made only after supply and installation of the equipments if necessary the documents will be provided along with the supply order .
17. The commissioning and installation should be completed within the stipulated period mentioned in the supply order. If the supply is not made within the period, the supply order will be cancelled and the EMD & Security deposit will be forfeited.
18. The materials are to be guaranteed for at least one year date of installation and commissioning against manufacturing defect and bad workmanship. The warranty period specified will commence from the date of installation .
19. The materials quoted shall confirm to ISI standard with the number shall be incorporated wherever possible . The make of the materials shall be mentioned in the tender.
20. Any dispute arising out of this contract shall be settled only at the court having jurisdiction of Coimbatore.
21. The authority competent to accept the tender reserves the right to reject or accept any tender without assigning any reasons thereof.

22. Regarding the acceptance of supply with reference to the specification and quality of materials supplied, the decision of Registrar shall be final.

23 Additional Documents are required for evaluation in addition to price :

- Number of service centers of the supplier in Tamil Nadu/India.
- Number of years standing in the business.
- Average turnover in the last two years.
- Backup facility for the warranty period.
- TIN and CST Number, whenever required.
- Certificates attained by the manufacturer.
- Company Profile .
- Any other relevant details like customers service report and supply orders in support of the item specified.

24. Incomplete Tenders: Tenders without the complete particulars for evaluation will not be considered.

25. Tenders will be considered from the manufactureres/ authorized distributors

26. The University's general rules for the supply of the materials and works will apply on this purchase also.

27. The University is registered with DSIR, it is eligible for exemption of Central Excise duty as per Government Notification No.10/97 Central Excise Dt: 1.3.1997. It is also eligible for customs duty exemption as per the Govt. Notification No.51/96 Customs dt.23.07.1996.

28. Necessary documents for customs clearance will be provided by the University within 3 working days after receipt of Cargo arrival/shipment notice and invoice from the supplier. Hence no demurrage will be paid by the University for clearance delay.

29. The Customs clearance charges ,transportation up to the University have to be borne by the firm' account. Installation and training charges if any are to be borne by the firm.

30. No communications from any tender adding to/adhering or explaining any terms of the tender will be considered prior to the submission or after opening of the tenders by the competent authority

31. In case of any modifications in specifications/terms and conditions/ any clarifications to the bid document it will be hosted in our website only and bidders are requested to log on to our website from time to time regularly for any amendment and no separate corrigendum will be issued in this regard.

32. The tender should be submitted subject to and agreeing the above conditions duly attested and certified.

**TO BE FILLED IN BY THE TENDERER:.**

S.No.	Tender Cost – Rs.6,300/- B.U.Challan No/DD No./Date	EMD Details Rs.18,000/- DD No/Banker's Cheque No/ Date

SIGNATURE OF THE TENDERER

**SCHEDULE**

S.No.	Specifications	Qty.req.	Price
1	<p><b>Plant Growth Chamber</b>  <b>3-SIDE ILLUMINATION Wide Range</b></p> <ul style="list-style-type: none"> <li>• <b>Plant Growth Chamber</b></li> <li>• <b>Capacity – 950 to 1000 L</b></li> <li>• Programmable Digital PID Control</li> <li>• 11 Segments 999 Cycles Repeat</li> <li>• 3-Side Illumination, max. 30000 LUX</li> <li>• <i>including 6 x PVC Coated Wire Shelf, Shelf Support &amp; Operation Manual</i></li> <li>• <b><u>Specification:</u></b></li> <li>• Heating Forced Air Convection</li> <li>• Cooling CFC Free Air Cooled Compressor</li>   <li>• Temperature Range: +0°C ~ 60°C(Light off )</li> <li>• +10°C ~ 60°C(Light on)</li> <li>• Accuracy: ± 0.3°C at 20.0°C 60% RH</li> <li>• Uniformity: ± 1.0°C at 20.0°C 60% RH</li> <li>• Sensor Class A Pt-100 Ω Sensor</li> <li>• Humidity Range: 30~98%RH (sensor Range)</li> <li>• 30~85%RH (control Range)</li> <li>• Accuracy: ± 3% RH at 20.0°C, 60% RH</li> <li>• Humidity sensor: Electronic Sensor</li> <li>• Illumination: <b>0~30,000</b> Lux by 8-step Combination</li> <li>• Light Sensor: Lux meter 1 Lux resolution</li> <li>• CO<sub>2</sub> Range: ambient to <b>20,000ppm</b> (-20%)</li> <li>• CO<sub>2</sub> Sensor: Dual Wavelength NDIR Diffusion</li> <li>• Controller: Programmable PID Control <ul style="list-style-type: none"> <li>▪ 11 segment 999 cycle repeat</li> </ul> </li> <li>• Safety: Over Temperature Cut-Off <ul style="list-style-type: none"> <li>▪ Over Current Cut –off</li> </ul> </li> <li>• Material Body: Epoxy Powder Coated Steel <ul style="list-style-type: none"> <li>▪ Chamber: Stainless Steel 304</li> </ul> </li> <li>• Inner Glass Door: Tempered Safety</li> <li>• Double Layer Vacuum side wall on Light Bank</li> <li>• Including PVC Coated Wire shelf</li> <li>• Electric: 220± 10% VAC 50/60Hz 1-Phase</li> <li>• Dimensions Inner-1200x600x1200</li> <li>• WxDxH mm Outer -1390x935x1985</li> <li>• Illumination FL Lamps: 20x55W FPL</li> <li>• Number of shelves/Maximum No: 6/35</li> <li>• Heating Rating: 6.0 kW</li> <li>• Refrigeration System: CFC Free Air Cooled Compressor</li> <li>• Power Rating: 43 Amp</li> <li>• Plug Configuration: 50Amp</li>   <li>• <b><u>CO<sub>2</sub> Control System</u></b></li> <li>• <b>OHC-100</b> - CO<sub>2</sub> Control ~ <b>20000</b> ppm with NDIR CO<sub>2</sub> Sensor</li> <li>• <b>OHC-102</b> - Flow Meter</li> <li>• <b>OHC-103</b> -Metering Valve for low concentration CO<sub>2</sub></li> <li>• control &lt; 1000 ppm</li> <li>• <b>Suitable Gas Regulators to be supplied.</b></li> </ul>	1No	

SIGNATURE OF THE TENDERER