

**DEPARTMENT OF BOTANY
UNIVERSITY OF DELHI**

February 22, 2016

NOTICE INVITING TENDER

Sealed tenders are invited under a DST-SERB project with a two-bid system from eligible manufacturers/authorized distributors/dealers for the supply of **Mini Aeroponics Unit** in the Department of Botany, University of Delhi, Delhi. The vendors intending to bid may follow the listed specifications and other details from the University website (<http://www.du.ac.in/du/index.php?page=tenders-quotations>) and submit their bid as per the schedule mentioned below. The bids should be addressed to:

Dr. Smita Shekhawat
(Principal Investigator)
C/O Prof. Veena Agrawal
Department of Botany
University of Delhi
Delhi - 110007

IMPORTANT INFORMATION TO BIDDERS

OPENING DATE FOR TENDER SUBMISSION: February 22, 2016

CLOSING TIME AND DATE FOR TENDER: 1 pm on 14 March 2016.

The Technical Specifications will be opened on **14 March 2016** at 2.30 p.m. The Financial bids will be opened on **21 March 2016 at 2.30 p.m.**

TERMS AND CONDITIONS OF THE TENDER

SUBMISSION AND PERIOD OF THE TENDER:

Filled tender document should be submitted to Dr. Smita Shekhawat C/O Prof. Veena Agrawal, Lab No. 204, Department of Botany, University of Delhi, North Campus, Chattrra Marg, Delhi-110007 before 1.00 p.m. on **14 March 2016**.

Technical Specification for Mini Aeroponics Unit

Mini Aeroponics Chamber

1. Only new instrument should be quoted. Refurbished or old instrument should not be quoted.
2. Unit Size: 8.0' x 4'.0 x 3.5' (L x W x H)
3. Chamber made of Styrofoam sheet with black poly sheet lining inside, placed on GI sq. pipe bench with nutrient storage tank.

4. Mist nozzles 10 Nos. (+5 extra) Nutrient re-circulating pump 0.5 HP (Two nos.) of adequate pressure and head with all necessary pipeline fittings (all PVC),
5. Lid of chamber provided with rubber plugs to accommodate single plant per plug.
6. Automation by providing cyclic time to operate the pump on set frequency for spray.
7. Solar panel with dual battery to provide backup 4-5 hrs. approximately.
8. Company have to ensure the availability of service engineers and service facility in a timely manner. The response time required to arrange a service call should be mentioned in the quote.
9. System should have 2 years warranty and 3 years AMC after warranty period.
10. A demonstration might be asked from those vendors whose technical bids qualify. A committee will evaluate the instruments and their decision will be final.

WARRANTY PERIOD AND POST-WARRANTY SERVICE REQUIREMENT:

The material or goods are to be warranted for a period of at least 2 years after installation and commissioning against manufacturing defect and bad workmanship. Additional three years additional AMC should be provided with the instrument. The warranty period specified will commence from the date of successful installation of the instrument. Moreover, it should be certified that parts and servicing of the installed items would be available (on a chargeable basis) for at least another 10 years after the lapse of warranty period.

PAYMENT TERMS:

100% payment will be released after the supply, installation and proper demonstration of the instrument to the satisfaction of the Department Purchase Committee.

TIMELINES AND SCHEDULES:

Total period for delivery, complete installation and demonstration of the instrument is to be completed within 90 days.

LIQUIDATED DAMAGE CLAUSE:

The firm/dealer to whom the order will be placed should strictly stick to the timelines and a delay in supply would attract liquidated damage clause applicable @0.5%/week and maximum of 10% of the purchase order value of the material not delivered in time. The decision of the Department Purchase Committee will be final.

PENALTY CLAUSE:

In case the successful bidder is not able to finish the supply and installation of instrument in the stipulated time (as communicated by the Purchase Committee) a penalty @1% of the invoice value will be levied per week subject to a maximum of 10% of the order value. The decision of the Department Purchase Committee will be final.

FORFEITURE CLAUSE:

- 1) If the firm/dealer fails to commence the order within a reasonable period, EMD shall be forfeited.
- 2) In case the firm to whom contract is awarded fails to perform its part of obligation till expiry of the warranty period, the PBG furnished by the firm will be forfeited.

TERMINATION CLAUSE

University of Delhi is empowered to terminate the contract if the progress/workmanship is found unsatisfactory till the completion of the project. Under no circumstances, the material supplied/used will be returned to the vendor.

SETTLEMENT OF DISPUTE THROUGH ARBITRATION:

Vice-Chancellor will have an absolute authority to appoint an arbitration committee to settle the dispute.

JURISDICTION CLAUSE:

Any disputes should be settled under the Delhi Jurisdiction.

FINANCIAL BIDS

Financial bids of only the vendors whose technical bids meet the specifications mentioned in the tender document will be opened. Financial bid should be placed in a separate sealed envelope. The rates quoted for the items should be kept firm for the entire period of the contract. No revision or enhancement or escalation will be allowed in any case.

GENERAL INSTRUCTIONS

The bidders will have to quote all the items together; partial quotes will not be considered. Quantity, make, model and technical specifications of each item should be mentioned clearly. Any alteration/overwriting should be initialized. The bidders must fulfil the eligibility conditions given below and submit documentary evidence in support of their fulfilling these conditions along with the Technical Bid. Financial bids of only the vendors whose technical bids meet the specifications mentioned in the tender document will be opened. Financial bid should be a separate document and should be placed in a separate sealed envelope. The technical and financial bids should be sealed by the supplier in separate covers duly super scribed and both these sealed covers are to be put in a bigger cover which should also be sealed and super scribed.

ELIGIBILITY CRITERIA:

- a. The bidder should be certified manufacturer or authorized dealer for the supply and installation of the instrument.
- b. The bidder should have prior experience in the establishment/installation of similar facilities in reputed public and/or private educational/research institutions. They should clearly indicate the nature of the instrument supplied along with names of the institution(s). Proof of recent purchase orders for supply of similar instrument is to be attached.

- c. The bidder should clearly specify their identity (with documentary evidence) – whether the bidder is a manufacturer or an authorized dealer.
- d. The bidder should mention whether service backup could be provided in Delhi/NCR?
- e. The bidder should submit the latest Income Tax and VAT certificates.
- f. Technical bids must include technical specifications and printed technical brochures and product leaflets with complete details.
- g. The Financial bid should contain particulars like name and address of the bidder. The net rate including all taxes and other statutory levies with a proper break up for the same should be clearly indicated. The financial bid should also clearly state that the charges for delivering the instrument up to C.I.P. Delhi Airport or to the point of installation and any applicable levies. The bid should be formulated so as to provide maximum educational discounts and other applicable discounts.
- h. Validity period of bid should be 180 days from the due date. The supplier must mention the period of warranty in the bid including the cost of comprehensive warranty for a period of two more years as an option.
- i. Warranty terms and conditions, delivery time and Installation time required should be clearly specified. The period of warranty will start only after successful installation and satisfactory operation.
- j. The rates of the quoted items should be kept firm for the entire contract period from the last date of tender submission. No revision in rates/prices will be allowed.
- k. The rate should be quoted for each item with specification and model if applicable and should be indicated clearly both in words and figures.
- l. After acceptance of the tender, the bidder will have no right to withdraw his tender or claim a higher price. Tenders with incomplete information will be summarily rejected.

Supply and Installation:

- a. The supply and installation of instrument and other accessories should be made strictly in accordance with the specifications as mentioned in the techno-commercial bid. The supply and installation should be as per the delivery schedule specified in bid. The guarantee period takes effect from the date of satisfactory installation. The bidder shall be liable to replace the instrument or other accessories found defective during the guarantee period.
- b. Documents such as operation manuals, user manuals, kits and accessories and other relevant materials shall be provided by the bidder along with instrument, free of cost.
- c. If the supply, installation and demonstration of the instrument are not effected before the specified period from the date of purchase order, the University shall have the authority to cancel the order and to take any such action which will be deemed fit in the circumstances.

- d. If any manufacturing or other technical defects are found within the specified months from the date of installation of the instrument in the Department of Botany, the same will have to be rectified or replaced free of cost by the supplier.