



**NORTH EASTERN HILL UNIVERSITY
DEPARTMENT OF HORTICULTURE
TURA CAMPUS, CHASINGRE, MEGHALAYA- 794002**

No. TC/HORT/DST EMR/PURCHASE/2017-18/2

Date. 08.08.2017

NOTICE INVITING QUOTATION

Sealed quotation under two- bid system are invited from reputed manufactures/ authorized dealers for the supply and installation of laboratory equipments for DST-SERB (EMR) sponsored project entitled “**Phytochemical and molecular characterization, bioprospecting of genes, value addition and quality enrichment of Bamboo through plant tissue culture technique from North East India**” under Mr. Arindam Barman in the Department of Horticulture, North Eastern Hill University, Tura Campus, Meghalaya. List of equipments and accessories along with their specifications are mentioned in ANNEXURE- I. The quotation should reach to the undersigned on or before the 23rd August, 2017 (up to 3:00 pm), only by speed post/registered post/courier and the same will be opened at office of the undersigned on the same date at 3:30 PM. Representatives of the firm may also if desire be present at the time of opening of quotation (Technical Bid). Quotation received after the due date and time will not be entertained. The undersigned reserves the right to accept or reject the quotation without stating any reason whatsoever.

Presentation of Bid:

1. Quotations will have to be submitted in TWO PARTS i.e. (a) Technical Bid and (b) Price Bid, in two separate properly sealed covers; and both these covers will have to be again put in to a single sealed cover. Also, the address of the firm submitting the quotation and the Officer to whom the quotation is addressed, must appear distinctly on both the inner sealed covers, indicating also TECHNICAL BID/PRICE BID as may be applicable. Further, on both the inner sealed covers and the outer sealed cover; the following are to be written: “**QUOTATION FOR LABORATORY EQUIPMENTS**”.
2. In the part relating to **Technical Bid**, the vendor must provide the followings:
 - a. Details of the technical features of the offered equipment;
 - b. Standard Technical literature on each of the items offered;
 - c. Dealership certificate on the offered products in case of dealer/s;
 - d. List of reputed organizations/Institutions (at least 30 in number), where similar orders have been executed (copies of the purchase/work orders will have to be enclosed);
 - e. Up-to-date Sales Tax clearance certificate/GST Registration Certificate/PAN card of the FIRM will have to accompany the quotation to be submitted.
 - f. Details of nature and maximum period of standard warranty offered by the vendor along with the AMC (Annual Maintenance Contract) services.
 - g. Authorized service support or centre nearest to NEHU Tura campus, Tura, along with service engineer contact details should be certified in the quotation.

- h. Amount of Earnest Money Deposit (**EMD of Rs. 20,000/-**), in the form of **Demand Draft only** in the name of **Joint Registrar, NEHU Tura campus**, will have to be clearly stated and the same will have to be enclosed with Technical bid only.
- i. A copy of the Price Bid, **WITHOUT THE PRICES**, will have to be provided as part of the technical bid document.

3. In the part relating to Price Bid, the vendor must provide the followings:

- a. Quantity, basic price (against item-wise details of specifications of each of the offered items);
- b. Prices of each of the accessories mentioned in the quotations, as required by NIQ specifications and also may be relevant for an offered equipment, will have to be specifically stated in the quotation:
- c. Packing & Forwarding Charge, if any.
- d. GST charges should have to be clearly indicated.
- e. Freight & insurance charge, if any.
- f. Details of nature and maximum period of standard warranty offered by the vendor.
- g. Annual Maintenance Contract (**AMC**) rate (after expiry of warranty period) for at least 3 years is to be clearly indicated – preferably in both comprehensive and non-comprehensive terms, failure to which the offer may not be considered even if it turns out to be at the lowest price.
- h. Installation & commissioning charge (including Service Tax), to be shown item-wise extra, if any.
- i. Price bid demo:

**PRICE BID
FOR SUPPLY & INSTALLATION OF LABORATORY EQUIPMENTS**

Sl. no	Item	Make & Model	Description	Unit Price	GST	Warranty (In Years)	AMC Charges for 3 years (After warranty)	Extra	Qty	Total Price (Rs. in figure & word)

Signature of Tenderer with seal

NOTE: The bid documents are not transferable and the firm's seal and signature of the authorized official must appear on all the papers and envelopes submitted.

Terms & Conditions:

1. All the interested manufacturers/ authorized dealers shall submit their Bids to the following address: Mr. Arindam Barman, Principal Investigator, DST-SERB (EMR), Department of Horticulture, North Eastern Hill University, Tura Campus, Chasingre, Meghalaya- 794002.
2. The quotations should reach only by speed post/registered post/courier on or before the 23rd August, 2017 (up to 3:00 pm). No other means of receiving of quotation will be entertained. Quotation received after the due date and time will be treated as cancelled. The Principal Investigator of the project and university shall not be responsible for any postal/courier delay. The undersigned and university reserves the right to accept or reject the quotation without stating any reason whatsoever and no queries in this regard will be entertained.
3. Rates of equipments should be quoted in Indian currency only on F.O.R., Department of Horticulture, NEHU Tura campus, on Door Delivery basis. Rates of equipments quoted in other currency will be treated as cancelled.
4. Educational discount if any should be clearly mentioned.
5. The Purchase Committee can accept or reject any quotation without assigning any reason thereof and does not bind it to accept the lowest rate whatsoever. The decision of purchase committee shall be final.
6. The rate of items should be inclusive of all charges like packing, forwarding, handling, transportation, GST, AMC etc. and all other (If applicable) FOR., at Department of Horticulture, NEHU, Tura, Meghalaya. The rates should be firm and nothing extra will be paid in any case.
7. Any loss or damage of items before/during delivery and installation would be borne by the supplier only.
8. Quoted rates must valid for 180 days.
9. User list of quoted equipments should be enclosed along with the quotation and the quoted instruments should have prior installation in at least 30 places.
10. NEHU will not provide Road permit for the supply of equipments and it will have to be bear by the supplier only (if applicable).
11. **Warranty/Guarantee:**
 - a. The material should be quoted with a standard Warranty/Guarantee period of after the date of delivery and acceptance at final destination. Comprehensive On-Site Warranty shall be provided at the place of installation of the items.
 - b. The bidder shall furnish the warranty certificate for all the items at the time of delivery and installation. The purchaser shall reject the items not enclosed by the warranty certificate from the manufacturer. The warranty certificate should be duly signed and sealed.
 - c. The supplier shall provide free onsite maintenance services during the period of warranty. Any repair and maintenance including provision of spare parts (covered

by the manufacturer's warranty certificate) during the warranty period shall be bidder's responsibility.

- d. The maximum response and defect restoration time should not be more than three weeks during the warranty period. In case the defect/ malfunction of an item cannot be rectified within three weeks, the supplier will be required to arrange for immediate replacement of the same till it is repaired. On failure to arrange for immediate repair/ replacement as mentioned above, there will be a penalty of Rs. 300.00 (Rupees three hundred) per day and in this regard the successful bidder will have to submit an undertaking on Rs. 100 non-judicial bond paper (format will be given by PI of the project) at the time of supply of equipment, failing which payment will not be released.
 - e. If the supplier having been noticed fails to remedy the defects within three weeks, the purchase reserves the right 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 contract.
- 12. Delivery:** The stated delivery of goods at NEHU Tura campus, will have to be maximum within 20 days from the date of issue of the Purchase Order. All aspects of safe delivery shall be the exclusive responsibility of the vendor. If the firm fails to deliver the goods within the stipulated time, the purchase order may get cancelled and the Earnest money will be forfeited. After delivery of items, the party should start installation of the items at the specified place.
- 13. EMD:** The earnest money of **Rs. 20,000/-** in the form of **Demand Draft** in the name of **Joint Registrar, NEHU Tura campus** should accompany the quotation, failing which the quotation will not be considered. Please note that earnest money deposit do not bear any interest, and have to be in the form of demand draft only.
- 14. Performance Bank Guarantee:** Successful bidder will have to furnish an unconditional Performance Bank Guarantee (PBG) valid till 180 days after the warranty period from a scheduled Bank for 10% of the Purchase Order value within 15 days of placement of order as Security deposit failing which the contract shall be deemed as terminated. The security **deposits do not bear any interest** and shall be release after expiry of warranty period of the items. The PBG shall guarantee that: a) the vendor/firm guarantees satisfactory performance of the surveillance system against poor workmanship, bad quality of items and equipment used, faulty designed and poor performance, b) the firm/vendor shall at his own cost, rectify the defects/replace the items supplied defects/identified items during the period of guarantee.
- 15.** Quotation should be inclusive of GST, transport, installation charge etc F.O.R., Department of Horticulture, NEHU Tura campus, on Door Delivery basis.
- 16.** The payment will be completed only after the installation of the instruments. Necessary bank details should be provided along with the triplicate bills and should have to be clearly mentioned in the bill.

- 17. Dealership Certificate:** Dealership certificate (in case of dealers) and standard Technical literature on the offered products must be enclosed, failing which quotation will be treated as cancelled.
- 18. Rate of AMC:** The cost for Annual Maintenance Contract rate (after expiry of warranty period) for at least 3 years is to be clearly indicated. The selected supplier/s is to ensure regular availability of spares.
- 19. Excise Duty:** The NEHU is exempted from payment of Central Excise Duty vide GOI Notification No. 10/97-Central Excise, dated 01.03.97.
- 20. Late and delayed quotation:** Late and delayed quotation will not be considered. In case any unscheduled holiday occurs on prescribed closing/opening date the next working day shall be the prescribed date of closing/opening.
- 21. Ground for Rejection of Quotation:** The quotations are liable to be rejected, if the foregoing conditions are not complied with. The quotation should be complete in all respects and duly signed wherever required. Incomplete and unsigned offer will not be accepted.
- 22. Termination for default: Default** is said to have occurred
- a. If the supplier fails to deliver any or all of the services/installation within the time period(s) specified in the purchase order or any extension thereof granted by Department of Horticulture, NEHU Tura campus.
 - b. If the supplier fails to perform any other obligation(s) under the contract.
 - c. If the vendor, in either of the above circumstances, does not take remedial steps within a period of 10 days after receipt of the default notice from Department of Horticulture, NEHU Tura campus (or takes longer period in spite of what Department of Horticulture, NEHU Tura campus may authorize in writing), Department of Horticulture, NEHU Tura campus may terminate the contract / purchase order in whole or in part and forfeit the EMD. In addition to above, Department of Horticulture, NEHU Tura campus may at its discretion also take the following actions: Department of Horticulture, NEHU Tura campus may procure, upon such terms and in such manner, as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier shall be liable to compensate Department of Horticulture, NEHU Tura campus for any extra expenditure involved towards goods and services to complete the scope of work as mentioned.
- 23.** The Principal Investigator (PI) of the project and university reserves the right to purchase or withdraw the notification at any point of time of purchase and even if after opening of quotation and in any conflict the decision of PI and Institute will be final. The University authority reserves the right to accept or reject any submitted quotations received without assigning any reasons.

24. Applicable Law

- a. The contract shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings/processing.
- f. All disputes are subject to exclusive jurisdiction of Competent Court and Forum in Tura, Meghalaya, India only. Any other jurisdiction mentioned in the quotations or invoices of the Binder shall be invalid and shall have no legal sanctity. Any dispute arising out of this purchase shall be referred to the Pro-Vice-Chancellor, NEHU Tura campus, Tura, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator, who should be acceptable to both the parties, to be appointed by the Pro-Vice-Chancellor, Tura campus. The decision of such Arbitrator shall be final and binding on both the parties.

Sd/-

Arindam Barman
Principal Investigator
DST-SERB (EMR)

Technical specifications for Laboratory Equipments

S.No.	Item	Specifications for laboratory Equipment
1	Deep Freeze with accessories	<p>Temperature Control Temperature Control : By means of Imported Microprocessor based auto tuned PID controller with CE mark and dual display of set value and process value.</p> <p>Refrigeration System By means of CFC Free hermitically sealed Emerson Copeland make compressor for better cooling with R404 A (Eco friendly) refrigerant with time delay to safe guard compressor system. Full view observation Acrylic door to observe sample inside the chamber. Specially designed stainless steel rod trays ensure uniform temperature distribution.</p> <p>STANDARD MODEL The construction should be Inside S.S. with mirror polish Outside mild steel powder coated PUF insulated inner door with gasket. Specially designed stainless steel rod trays ensure uniform temperature distribution. Compressor ON delay timer to safe guard the compressor Temperature Range : -20°C/-40°C Temperature Accuracy : $\pm 3C$ Supply : 230V, AC, 50 Hz The Freezer should be attest 285 litre or more The system should be quoted with a genset with following specification The system should have optional SMS Mobile alert system The system should have RS 485 or Ethernet communication optionally 1 KVA Generator has TCI ignition system. The starting system of the generator is Recoil Starting system. The frequency of the generator is 50 HZ. The generator has very low noise which makes it desirable by all. The fuel clock is plunger type to check the levels accurately. There is an oil alert lamp to indicate dry oil. The fuel gauge has also specification to indicate its levels.</p>
2	BOD with accessories	<ul style="list-style-type: none"> • Should have Doubled walled with PUF insulation • The system should be made of SS 304 Interior & exterior either SS 304 or Mild Steel • The system should have Adjustable Stainless steel trays. Growth height can be adjusted by adding or removing the trays • The system should have Full-length inner glass door & metal door with gasket & lock on the outside.

		<ul style="list-style-type: none"> • The system should have LED lights, Day/night programmable cycle • The system should have Forced air circulation for Uniform temperature • The system should have PU wheels for easy movements • The system should have U shaped SS tubular heater • The system should have Humidification by ultrasonic generator with automatic water level control • The system should have CFC free cooling system consists of hermetically sealed compressor coupled with evaporation coil and condenser. • The system should have Complete operation driven through PLC with data logging capacity of up to 1000 readings • The system should have Printer interface facility • The system should have All operations through a 4" color touch screen display • The system should have High quality European make Temperature & Humidity combo sensor with 4-20mA output. • The system should have Safety device: Low & High temperature cut-off settable thermostats high humidity cut off device • The system should have Audio- visual alarms for deviations • The system should have Operation & Maintenance Manual • Heating system: Long lasting U-shaped Stainless Steel tubular heaters are used as a heating element. These heaters are provided with fins for better heat transfer. They are made of special alloy INCOLOY 800 for long life and to avoid scaling on their body. • Power Supply: 230 Volts, 50 Hz mains supply. Also available with 60 Hz cycle • Temperature and humidity sensor: High-Quality Temperature and Humidity combo sensor with universal 4-20mA output. Temperature is displayed in °C with 0.1°C resolution. Humidity is displayed in %RH with 0.1%RH resolution. • The temperature range should be : 10° C – 35° C Lights On and 0 5° C - 35° C Lights Off • The Humidity should be 40%Rh to 90% Rh Lights On 40%Rh to 90% Rh Lights Off • Co2 control 0-1000 ppm. should be optionally available • The capacity / volume of the system is minimum 150lt and above • Alarm Generation: Audio and visual alarms are generated for <ul style="list-style-type: none"> <input type="checkbox"/> Temperature deviation (High and Low) <input type="checkbox"/> Humidity deviation <input type="checkbox"/> Door Opening <input type="checkbox"/> Utility failure <input type="checkbox"/> Mains failure
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		<ul style="list-style-type: none"><input type="checkbox"/> Water supply failure<ul style="list-style-type: none">• <input type="checkbox"/> Component Failure (Circuit Failure)• The vendor must quote a 6 kva online UPS with 30 min back up along with the system
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Sd/-

Arindam Barman
Principal Investigator
DST-SERB (EMR)