

सीएसआईआर – उत्तर पूर्व विज्ञान एवं प्रौद्योगिकी संस्थान
CSIR – NORTH-EAST INSTITUTE OF SCIENCE AND TECHNOLOGY
(Council of Scientific & Industrial Research)
जोरहाट: JORHAT: असम: ASSAM



File Enquiry No. 1 (PEQ)/21/16 – 17/PUR/T – 76;

दिनांक Date: 16.12.2016


Note: Please send your quotation in sealed cover on or before 11.01.2017 till 02:30 PM which will be opened on 11.01.2017 at 03:00 PM.

To,


Dear Sirs,

Kindly arrange to send your offer in a SEALED COVER under **two bid system with EMD of ₹72,000.00 in the form of BG/DD/TDR/FDR in favor of DIRECTOR, CSIR-NEIST, Jorhat** quoting this office file reference superscribe on the envelope within due-date to the terms & conditions overleaf:

Sl. No.	Description of Item / Material.	Qty.
1.	<p>Walk in Plant Growth Chamber</p> <p>Detailed Specifications:</p> <p>Temperature: Temperature range lights ON: range of +10°C to +60°C Temperature range lights OFF: range of +5°C to +60°C Temp. Deviation: between ±1°C @ +25°C @80% RH (Lights OFF) Temp. Uniformity: between ±2°C @ +25°C @80% RH (Lights OFF) Temperature control accuracy: ±0.1°C or better</p> <p>Relative Humidity: Humidity range: minimum 50% - 90% RH (Lights OFF) Humidity deviation: about 3% RH Humidity Uniformity of ±5% RH Humidity control accuracy of ±1% Should be ultrasonic humidifier type There should be in built high and low humidity alarm</p> <p>Control Panel: Temperature sensor: PT-100Ω Temperature controller: Microprocessor PID Approx. 7" touch panel Should be in English operation mode There should be Alarm record Alarm for High and Low Value (Temperature, RH) Multi program – multi steps programming or Night and Day cycle 0-24h (Photo period control) Temperature, Humidity and Illumination independent control for complex environmental conditions. Display set and process value at the same time Record Temperature, Humidity Data (light in option) USB data export Provision for Direct connection with computer (PC) for monitoring and control available (LAN) Connection via Internet to control the entire fleet available (optional)</p>	1 Set


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Sl. No.	Description of Item / Material.	Qty.
	<p>Easy access to Process/Set Value Temperature, RH, Light easy to set</p> <p><u>Cooling system:</u> Air Circulation: Using bilateral horizontal air circulation (Vertical air circulation available on demand) Air circulation control: Plenum walls are equipped with adjustable air inlet. Type: Air cooled condensing unit with hot gas bypass system for continuous compressor operation, extended life and close temperature control. Solenoid valves have extended stem for quiet and long life operation. Heater: adapted to the temperature range value Defrosting system (time adjustable) Cooling capacity adapted to the temperature range CFC free refrigerant</p> <p><u>Structure size:</u> Interior dimension should be: W: minimum 2000mm or better D: minimum 1500mm or better H: minimum 2200mm or better Exterior dimension should be W: minimum 3000mm or better D: minimum 2300 or better H: minimum 3000mm or better (excluding control box)</p> <p><u>Chamber Structure:</u> Exterior material: Appropriate Inner material: Appropriate Insulation: standard Thermal conductivity: approx. 0.0237 W/mk Floor: Standard panel with drain tube connected outside the draining system</p> <p><u>Growth Shelves:</u> Should have minimum Two shelves / 4 tiers per shelf Dimension: in the range of W1200 (min) x D500 (min) x H2000mm (min) ± 50 mm x 2 set Tiers: Approx. 4 tiers Growth area: about 3.12m² Growth height: about 330mm Chamber volume: 7,500L or better</p> <p><u>Door specifications:</u> Door dimension: approx. W900 x H2000mm $\pm 5\%$ Door quantity: One door Left-out type Observation Window: approx. W300xH700mm $\pm 5\%$ with tight light cover Window type: Tempered double glassing heating system to avoid condensation Door safety: Key lock (password, finger print or facial recognition in option) access Door sealing: Sealing gasket</p> <p><u>Growth Lights:</u> LED Z1 (16 units): 40*60cm white light LED plate White LED: 400 – 700nm PAR: up to $>150 \mu\text{mols-1 m-2 @150mm}$ LED PCB material: Aluminum plating steel Intensity adjustable from 0 to 100% Fully programmable Low heat load Longer lifespan than other system</p>	


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Sl. No.	Description of Item / Material.	Qty.
	<p><u>Safety Device:</u> Three levels password: Display password: access to display Program password: access to controller of the unit Engineer: program and parameter password Over-temperature alarm and protection device Compressor over temperature, over pressure protection Over current protection Compressor delay start protection Trouble shooting with on board diagnostics</p> <p>Power: 3ϕ220V 50Hz or 3ϕ380V 50Hz (approx.)</p> <p><u>General:</u> a) The firm should have made at least 2 or 3 installations of the equipment in India (including North East) from past 4 years and should provide the list and contact details of installations. b) The company should clearly specify the pre-installation requirements. c) The firm should clearly specify the Warranty period and other services they provide after installation Warranty: 2 Years from the date of successful installation.</p>	
<p>NOTE:</p> <ul style="list-style-type: none"> ❖ Quotations received in foreign currency on FOB/FCA basis will be added 15% extra to include Custom duty, transportation & insurance to compare with the quotation received in INR. However, the firm may submit quotation on DDP/DAP terms then no additional charges will be added. ❖ Authorization letter of the principal may also be attached if you are not manufacturer of above items. ❖ The best offer may be quoted as per our requirement and avoid two or more alternate offers. ❖ For the item quoted in INR and to be supplied from outside Assam 4% will be added in total landing cost for availing Road permit and that will be considered for price comparison also. ❖ Technical compliance sheet as per our required technical parameters may be attached along with supporting documents. ❖ Authorize personnel attending the tender opening must bring/produce authorization letter. ❖ Any Indian agent who wishes to quote directly on behalf of their Principal should get themselves enlisted with Central Purchase Organization (e.g. DGS&D). For details please refer to DGS&D website under heading "Registration of firms", sub-heading "forms and guidelines for compulsory enlistment of Indian agent". Any bid submitted by such Indian Agent who are not enlisted or have not applied for enlistment will be summarily rejected. ❖ Performance Security: Required (10% of the purchase order value) 		

आपको धन्यवाद,
Thanking you,

भवदीय,
Sincerely,


 भंडार और क्रय अधिकारी
 Stores & Purchase Officer
 Tel: 91 – 0376 – 2372710, Fax: 91 – 0376 – 2372921,
 E-mail: spopur@rrljorhat.res.in
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TERMS & CONDITIONS

1. INVITATION OF BID

Director, CSIR – NEIST, Jorhat invites sealed bid for each item(s) in **TWO BID with EMD of ₹ 72,000.00 in the form of BG/DD/TDR/FDR in favor of DIRECTOR, CSIR-NEIST, Jorhat**

2) SPECIFICATIONS

The offer must be strictly as per our technical specifications to be supported with printed technical leaflet / literature of the quoted model of the item by the bidder / manufacturer and the specifications mentioned in the quotation must be reflected / supported by the printed technical leaflet / literature. The model quoted invariably be highlighted in the leaflet / literature enclosed with the quotation.

3) PRICES

- a) The prices quoted should clearly indicate price break-up indicating FCA, FOB, CIF, CIP, installation & commissioning, training, duties and taxes, etc.
- b) In case of domestic, the offer should contain the basic price and percentage of Excise Duty separately since we are exempted from payment of Excise Duty.
- c) In case of import / price quoted in foreign currency, Indian Agent may also quote for FOR CSIR – NEIST price including inland transportation, insurance, clearance charges, etc., (The charges of inland transportation & Insurance will be at actual against proper receipt). CSIR – NEIST will provide all necessary documents for customs clearance of consignment including Customs Duty Exemption Certificate, etc.

N.B: All terms used in the Bid / Supply order/contract will have the meaning as described in the "INCOTERMS-2000 / 2010".

4) TAXES

The percentage rate of sales tax, resale tax, VAT, duties/levies and any other charges etc, should be clearly indicated in the tender, wherever chargeable. The packing charges must also be indicated separately.

5) CUSTOMS AND EXCISE DUTIES

Our Institution is eligible from payment of concessional custom duty and exempted from payment of excise duty vide Government Notification No: 51/96-Customs dated: 23rd July 1996 and Central excise duty exemption in terms of notification 10/97 Central Excise dated 01st March 1997.

6) AMC (Annual Maintenance Cost) (if required):

- The period of AMC will be for a period of at least 1 (one) year.
- 2 (two) preventive visits and 1 (one) emergency visit if required.
- 50% payment will be made after first visit and balance 50% after expiry of AMC and completion of remaining visits.
- The cost of spares will be borne by CSIR – NEIST, Jorhat.
- Service Tax will be extra, which will be deducted and paid after receipt of proof of payment to Tax Authority.
- Transport Fare of Service Engineer to and fro and fooding, lodging etc. will be borne by the firm.

7) PAYMENT

a) Import payment

The payment against import of items shall be made with the following options. The quoting party must confirm one of the options in the quotation:

- By Letter of Credit (80% of LC amount shall be released on presentation of complete and clear shipping documents and remaining 20% after satisfactory installation commissioning / demonstration and submission of Performance Security (if required) of 10% of FCA / FOB / CIF / CIP value valid up to (two) months beyond warranty period. **Or**
- By Foreign Demand Draft or Wire Transfer. 100% payment will be made by FDD or wire transfer after receipt of material in good working condition and satisfactory installation/commissioning / demonstration and submission of Performance Security (if required) in favour of the Director, CSIR-NEIST, Jorhat of 10% of FCA / FOB / CIF / CIP value valid up to (two) months beyond warranty period.

N.B: All foreign bank charges shall be borne by the supplier.

b) Indigenous payment

In case of indigenous items, payment will be 100% within 30 days after receipt and acceptance and satisfactory installation / commissioning of materials / equipment and submission of Performance Security (if required) of 10% of order value valid up to (two) months beyond warranty period.

c) Any other payment terms whether Import or Indigenous shall be on mutual agreed terms.

d) Performance Security: REQUIRED.

8) SCHEDULES OF REQUIREMENT AS APPLICABLE

- i. The offer should be valid at least **90 days** from the date of opening.
- ii. Delivery & warranty period: The delivery should be **within 6 – 8 weeks** & the equipment(s) should have a comprehensive warranty of at least **Two (02) years from the date of installation.**
- iii. Please provide the name and address of your Indian Agent along with authorization letter.
- iv. Please also indicate the exact amount of Agency Commission payable to your Indian Agent in equivalent Indian currency after the receipt of the consignment in good condition at our Stores and in case of equipment after the satisfactory installation and commissioning.
- v. Please indicate details of services to be rendered by your Indian Agent.
- vi. Indicate the names of the Indian reputed organizations where you have supplied the similar equipment and may attach the satisfactory performance report of the equipment from users.

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- vii. If you have supplied identical or similar equipment to other CSIR / Labs / Instt., the details of such supplies for the preceding three years should be given together with the prices eventually or finally paid.
- viii. Please do confirm that service (manual) shall be supplied along with the supply of material.
- ix. Installation, Commissioning and satisfactory demonstration of the whole system and training should be free of cost in case of equipment.
- x. The Installation, Commissioning and Demonstration of the system should be completed within two weeks from the date of arrival of the items at CSIR – NEIST, Jorhat.
- xi. It is mandatory to indicate the approximate dimensions & weight of the stores/consignment quoted for: tare Weight, Net weight and Volume (LxBxH).
- xii. Bidders should provide the name and detail address (including E-mail & Mobile No.) of their clearing and forwarding agent in India.
- xiii. Fax/email bid will be considered at the risk of bidder if EMD is not involved.
- xiv. The rate of AMC of equipment should be provided for 5-10 years beyond the warranty period.
- xv. The acceptance of quotation will rest with the DIRECTOR, CSIR – NEIST, Jorhat who does not bind himself to accept the lowest quotation and reserves the right to himself to accept or reject partially the quotations received, without any assigning any reason whatsoever.
- xvi. All other related terms and conditions from the "CSIR Manual of Best Practices 2008", will be applicable in this tender.

N.B: The Quotation / Proforma Invoice should show the above information with relevant technical literature.

9) EVALUATION OF TENDERS

Unless specifically mentioned, the overall lowest bid meeting the technical specifications will be selected for placement of purchase order.

A. Grounds for summary rejection of bid / offer without any further clarification at preliminary evaluation stage:

1. Unsigned bid
2. Late or delayed bid
3. Bid validity is shorter than the required period
4. The bid is not accompanied by Earnest Money Deposit (EMD) if EMD is required
5. The bidder is not eligible
6. No authorization letter from the manufacturer
7. If there is no mention of packing, forwarding, freight, transportation and insurance charge in the offer
8. Not willing to provide performance security if it is requirement of tender.

B. Grounds to be considered as material deviation for summary rejection of bid / offer without any further clarification during intensive technical evaluation stage:

1. The good(s) quoted are not meeting major / essential technical specification(s).
2. Conditional bid, which is, not agreeing to some essential condition(s) of the tender.
3. No technical literature or brochure from the manufacturer of the quoted item(s) or product verification/ authentication from manufacturer.

C. Grounds for seeking further clarification:

1. Minor informality or irregularity or non-conformity such as make / model, other documents etc in the bid.
2. Non-conformity between figures and words of the quoted price.
3. Discrepancies between original and additional copies of a bid.
4. Requirement for more brochure or printed literature to get more clarity of certain technical specifications.
5. Reasonableness of offer price.
6. After sale support: rate and terms of AMC after warranty.
7. Non-conformity between various parameters / unit of measurement etc of technical specifications.
8. Availability of spares.



भंडार और क्रय अधिकारी

Stores & Purchase Officer

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