



**SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING  
EDUCATION CELL  
NATIONAL INSTITUTE OF TECHNOLOGY  
ROURKELA – 769 008, ODISHA**

**ADVERTISED TENDER ENQUIRY**

**Department: Life Science**

**Tender Notice No: NITR/PW-SR/LS/2019/152**

**Dated: 14/10/2019**

**To**

**Important Dates**

**Through  
CPP Portal  
(E-procurement)**

<b>Event</b>	<b>Date</b>	<b>Time</b>
Pre-bid Conference	<b>NA</b>	<b>NA</b>
Last Date of submission of bid	<b>04/11/2019</b>	<b>11:00 AM</b>
Date of Opening of techno-commercial bid:	<b>05/11/2019</b>	<b>11:00 AM</b>

Dear Sir,

We intend to purchase the commodities specified below and invite quotations in accordance with the terms and conditions detailed in the bid document. If you are interested, kindly send your offer with prices and complete terms within the time mentioned above.

For any queries kindly contact to:

**Attention:  
Prof. S. Das  
Department of Life Science  
NATIONAL INSTITUTE OF TECHNOLOGY  
ROURKELA – 769 008, ODISHA, India  
Phone: (0661) – 2462684  
E-mail: [surajit@nitrkl.ac.in](mailto:surajit@nitrkl.ac.in)**

Yours sincerely,

\_\_\_\_\_  
Name: Prof. S. Das  
PI, Project: SR/19/LS/037

**Encl:**

- (1) Schedule of requirement, specifications, dates etc.**
- (2) Bid document containing detail terms and conditions.**

**1. Schedule of requirements**

Sl. No.	Description of Goods/Service	Quantity
01.	Refrigerated Shaker Incubator (Detailed specification as per Annexure –I)	01 unit

**2. Specifications and allied Technical Details**

<b>As per Annexure – I</b>
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**3. Format of Quotation**

It is a two-part bid with separate techno-commercial and price bids.

4. The bid should be submitted through <https://eprocure.gov.in/eprocure/app>

5. Quotations should be valid for a period of **90** days from the date of opening of techno-commercial bid.

**6. Some important dates:**

i.	Pre-bid Conference:	Date: <b>NA</b>	Time: <b>NA</b>
ii.	Last date for submission of bid:	Date: <b>04/11/2019</b>	Time: <b>11:00 AM</b>
iii.	Opening of Techno-commercial bid:	Date: <b>05/11/2019</b>	Time: <b>11:00 AM</b>

7. **Warranty** of minimum **03** years must be provided.

8. **GST:** GST should be charge according to applicable rates.

9. **EMD (Earnest Money deposit)/ Bid Security (BS):** In shape of DD (Demand Draft) for **INR 8,000/- (Rupees Eight thousand only)** and **Tender Cost (Non- refundable)** in the form of DD for **INR 500/- (Rupees Five Hundred Only)** in favour of **"Director, NIT Rourkela" Payable at Rourkela** from any Scheduled Commercial Bank except Co-operative and Gramin bank. DD for the EMD (Earnest Money deposit)/Bid Security (BS) should remain valid for a period of **45 days** beyond the bid validity period. EMD (Earnest Money deposit)/Bid Security (BS) of unsuccessful bidders should be return to them at the earliest and latest on or before the 30th days after the award of the contract. EMD (Earnest Money deposit)/Bid Security (BS) and Tender Cost should reach physically through **speed post/ register post/courier**, containing in an envelope & superscripted with subject, tender reference number addressing to **Registrar, NIT Rourkela - 769008, Odisha; on or before 05/11/2019 at 11:00 AM. For more detail See Annexure-I.**

10. **Performance Security: INR 40,000/- (Rupees Forty Thousand only)** in shape of Demand Draft (DD)/Bank Guarantee in favour of "Director, NIT Rourkela" and payable at Rourkela. And Performance security should remain valid for a period of **60 days** beyond the date of completion of all contractual obligations of the suppliers including warranty obligation. And EMD (Earnest Money Deposit) amount of successful bidder will be return after the receipt of performance security in case of award of contract to successful bidder. For more detail See Annexure-I.

11. Please go through the enclosed "bid document" carefully for other bidding instructions.

12. Please send your quotations through <https://eprocure.gov.in/eprocure/app>

**13. Technical Bid Evaluation Criteria :**

- Complete technical specification of the instruments and its necessary parts and accessory items required for running the instrument
- A complete design along with clear indication/marketing of specification mentioned in the technical bidding document (wherever possible) of the instrument
- Scanned copy of technical brochure and website reference of the same must be included in the bid.
- A duly signed detailed User List with the concerned person's valid contact details, in India or abroad where instrument is still in operational condition must be provided.
- A copy of the Authorization Certificate issued by the Principals in favour of the Indian agent along with a certified copy of the Agency Agreement between the foreign Principal and Indian agent. Both these certificates must be up-to-date
- A letter in the official letter head of the principal declaring the Indian agent as their authorized agency to bid, must contain the official tender enquiry no as depicted in CPP portal, must be included with the technical bid. (This must not be clubbed with Authorization Certificate)
- A duly signed separate compliance sheet of the specification (at every point) mentioned in the technical part along with the deviation (if any). This compliance sheet will not be considered as technical specification of the instrument.

**14. Financial Bid Evaluation Criteria :**

The Price comparison will be made for the award of contract on overall price basis (i.e. for all items as mentioned in BOQ).

**15. For technical details, you may contact**

**Prof. S. Das**  
PI, Project Code:  
Department of Life Science,  
National Institute of Technology,  
Rourkela – 769 008  
Phone: (0661) – 2462684  
Mobile No. +91 9556425605  
Fax: +91 661 246 2022  
E-mail: [surajit@nitrkl.ac.in](mailto:surajit@nitrkl.ac.in)

NB: ***Please furnish your Dealership Certificate (must) and Proprietary Nature Certificate (If applicable)***



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**BID DOCUMENT**

**1. Instructions to the bidders**

- 1.1 Bids are invited on behalf of the Director, National Institute of Technology (NIT), Rourkela – 769008, Odisha from the intending bidders for supply of the goods/stores/equipments for the Institute as detailed in the enquiry letter.
- 1.2 The bidders should quote their offer/rates in **BOQ** in clear terms without ambiguity.
- 1.3 In case of any discrepancy between the rates in figures and that in words, the rate in words will be accepted as correct.
- 1.4 The last date for receipt of the bid is marked in the tender document.
- 1.5 The bids should be uploaded in <https://eprocure.gov.in/eprocure/app> Please follow the guidelines of the site.
- 1.6 If a prospective bidder requires any clarification in regard to the bidding documents, he may make a request the concerned officer or faculty member at least 15 days before the deadline for receipt of bids.
- 1.7 Bids received after the deadline of receipt indicated in para 1.4 above, shall not be taken in to consideration.
- 1.8 Each bidder shall submit only one bid. A bidder, who submits more than one bid, shall be disqualified and considered non-responsive.
- 1.9 (In respect of high value plant, machinery etc. of a complex and technical nature). The bids may be submitted in two parts, viz., techno-commercial bid and financial bid.
- 1.10 The bidder has to sign in full at all pages of the scanned part of the bidding document. No over-writing in those pages is acceptable.

**2. Conditions of the bid**

- 2.1 The rates quoted should preferably be net, inclusive of packing, forwarding, freight, Insurance and all other incidental charges excluding taxes. In case these charges are quoted extra in addition to the quoted rates, the amount thereof or Ad Valorem rate must be specified. Packing, forwarding, freight, entry tax etc., when quotes separately are reimbursable at actual. If external agencies are employed, their receipts must be enclosed with the invoice.
- 2.2 Duties and Taxes are to be quoted separately. Ad Valorem rates thereof should be clearly indicated with reference to the relevant Acts and Rules.

**It may be noted that the Institute is availing custom duty exemption in terms of notification no 51/96 – Customs DT. 23.07.1996, Notification no.- 47/2017-Integrated Tax (Rate) DT. 14.11.2017 and Notification No- 45/2017 – Central tax (Rate) DT. 14.11.2017 [vide Registration No.: TU/V/RG-CDE (227)/2016, dated: 13.11.2018]**

- 2.3 The goods are required to be delivered at the indenting Department of NIT, Rourkela, and must be reached within **60 days** from the date of placement of the supply of order under the risk and arrangement of the bidder and offers with delivery beyond the above period shall be treated as unresponsive. In case the delivery time is higher, the same must be mentioned clearly in the quotation.
- 2.4 The bid should remain valid for a period of **90 days** from the date of opening. In case your offer has a different validity period that should be clearly mentioned in the quotation.
- 2.5 Conditional discount, if any, offered by the bidder shall not be considered at the time of evaluation.
- 2.6** The goods offered should strictly conform to the specification and technical details mentioned in **Annexure -I**.
- 2.7 The Institute may like to conduct pre-dispatch inspection of goods, where applicable.
- 2.8 Period of guarantee/warranty, where applicable, should be specified in the bid.
- 2.9 If the successful bidder, on receipt of the supply order, fails to execute the order within the stipulated period, in full or part, it will be open to the Director, NIT, Rourkela to recover liquidated damage from the firm at the rate of 1 percent of the value of undelivered goods per month or part thereof, subject to a maximum of 5 percent of the value of undelivered goods. Alternatively, it will also be opened to the Director, to arrange procurement of the required goods from any other source at the risk and expenses of the bidder.
- 2.10 The successful bidder may be required to execute a contract, where applicable.
- 2.11 The bidder has to furnish up to date GST and Income Tax Clearance Certificate along with the bid.
- 2.12 Payment (*100 percent*) will be made by Account Payee Cheque /Bank Draft, within 30 days from the date of receipt of the goods in good condition or receipt of the bill, commissioning of the equipment, where applicable, whichever is later/latest.
- 2.13 In case of Advance payment, the payment will be made on either in Foreign Demand Draft or Wire Transfer only. The Performa invoice copy need to be sent for advance payment.
- 2.14 In the event of any dispute arising out of the bid or from the resultant contract, the decision of the Director, NIT, Rourkela shall be final.
- 2.15 The bid document/resultant contract will be interpreted under Indian Laws.

**Technical Specification of Refrigerated Shaker Incubator**

1. It should be integrated with incubator and shaker. The glass window should be tempered.
2. The chamber surface should be made of high grade stainless steel.
3. Big LCD display should be provided to show temperature and shaking velocity.
4. Working parameters storage function should be there for easy operations.
5. After power interruption the original program should be automatically renewed.
6. Auto stop function should be provided when the door is opened for sample protection, strong air spring rod should be there for easy opening and closing.
7. The instrument should have at-least two static racks above the shaker platform.
8. The equipment should have heavy duty rubber swivel castor wheels with trolley caster brake
9. The equipment should be supplied with suitable Servo Voltage Stabilizer.
10. The instrument should have the following specifications:
  - Capacity : Not less than 200L
  - Consumption : 500W - 600W
  - Rotary Speed : 20-250rpm
  - Rotary Speed Precision:  $\pm 1$  RPM
  - Vibration Range : Not less than 26mm
  - Temp Control Range : +5 to 50°C
  - Temp Control Precision:  $\pm 0.1$ °C
  - Temp Stability :  $\pm 0.1$ °C
  - Timing Range : 0-999 hours
  - Power Supply : 220V $\pm 10\%$ , 50Hz
  - Shaker clamps : Minimum 500ml\*9/ 250ml\*12 (down layer)
  - Display : Large LED display
11. The instrument should be provided with an accessory for doing incubation with dry bath with the following features and specifications:
  - Very high temperature uniformity and accuracy of the range
  - Stability @ 100 °C :  $\leq 0.5$  °C
  - Uniformity: within the block @ 37 °C:  $\pm 0.2$  °C
  - Across similar blocks @ 37 °C:  $\pm 0.3$  °C
  - Minimum Temperature Control Range: RT+5 °C ~ 100 °C
  - Heating time (25 °C to 100 °C):  $\leq 20$ min
  - Display Accuracy / Display: 0.1 °C / LED
  - Timing Range : 1 min ~ 99h59min
  - Block Quantity : At-least 2 (35x2.0 ml tubes and 35x 1.5ml tube)

12. The instrument should be supplied with an Ice Making Machine with the following specifications:

- Minimum Ice making capacity (kg/24h) : 30 or more
- Minimum Ice storage capacity(kg) : 10
- Ice shape : Irregular small granular snowflake crushed ice
- Noise :  $\geq 55$ dB
- Input current(w) : Maximum 325
- Ambient Temp. : 10~25°C
- Water Temperature : around 10°C
- Power Supply : AC220V $\pm$ 10%,50/60HZ;
- Refrigeration type : Should be Air cooling
- Tank shell : High quality stainless steel
- Refrigerant : CFC-free/R134a
- Standard Accessories : Water inlet pipe\*1, Drainage pipe\*1, Ice spoon\*1

### **Others**

- A complete design along with clear indication/markings of specifications mentioned in the technical bidding document (wherever possible) of the instrument must be provided with the bidding document
- Warranty: Minimum 3 years standard warranty from the date of installation. Offers from Authorized agents of Foreign Manufacturers should accompany Principal's Authorization letter mentioning our Tender Reference Number.
- Scanned copy of technical brochure and website reference of the same must be included in the bid. The specifications mentioned in the bid document must tally with the technical brochure.
- Technical specifications of the instrument with "Yes/No" format against each specification will not be considered a technical bidding document. A separate compliance sheet of technical specifications with specific values of the equipment along with the deviation must be included.
- Detailed User List with the concerned person's valid contact details, in India or abroad where the instrument is still in operational condition must be provided.
- The ordered goods are required to be installed within 30 days of receipt of goods at this Institute. Installation should be carried out only by expert engineers of Supplier / Manufacturer. During the course of installation, necessary training on operation and maintenance of the goods shall be imparted to Institute's Faculties / Engineers / Technicians. Installation and training must be free of cost
- During the course of evaluation, NIT Rourkela, may, at its discretion ask the bidder for clarification of its bid. The request for clarification and the response shall be in writing / email and no change in prices or substance of the bid shall be sought, offered or permitted.
- Prior installation conditions / site preparation / electrical connection required must be clearly mentioned in the quotation along with technical bidding documents
- Prices of additional / optional items not appearing in the BOQ, if any, shall be quoted in a separate PDF file, duly signed by Bidder's authorized person/persons. The base price quoted in the BOQ will be considered for comparison.

- If any component/ additional instrumental unit/consumables which is required for smooth running of instrument is made in India that must be quoted in INR. Anything which is of Indian origin must be quoted in INR.
- The comparison between the indigenous and the foreign offers shall be made on FOB destination basis and CIF / CIP basis respectively
- In case optional items are specified in the tendered specifications, the Purchaser reserves the right to buy or not to buy the optional items. In case the option is exercised to buy the optional items after Bid opening, then the cost of optional items would be included to ascertain the Lowest Evaluated Responsive Bid. In case, the option is exercised not to buy the optional items, then the cost of the optional items would not be included in ascertaining the Lowest Evaluated Responsive Bid.
- The quotations are liable to be rejected if any of the above conditions are not complied with or there is any violation of GFR17 rules and regulations. Conditional Bids shall not be accepted.
- The Bidder shall bear all costs associated with the preparation and submission of its bid, and "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.
- Note: Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc., such offers shall be treated as inclusive of all these expenses
- In all regards, the GFR17 rules and regulation will be strictly followed

**For goods manufactured in India.**

- (i) The price must be mentioned with clear demarcation at every stage such as instrument price, discount, GST calculated, packing and forwarding, transport, insurance whichever is applicable.
- (ii) The delivery up to NIT Rourkela is solely bidder's responsibility
- (iii) GST at applicable rates, which will be payable on the goods if the contract is awarded. Bidders are requested to calculate GST @5% (in this regard necessary documents will be provided to the awardee bidder at the appropriate stage)
- (iv) Charges for inland transportation, insurance and other local services required for delivering the goods at the desired destination must be mentioned in the bid.

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