



**NATIONAL INSTITUTE OF TECHNOLOGY  
ROURKELA – 769 008, ODISHA**

**Advertised Tender Enquiry**

**Department: Life Science**

**Tender Notice No: NITR/PW/LS/2020/198**

**Dated: 29/09/2020**

To

**Important Dates**

Through  
CPP Portal  
(E-procurement)

Event	Date	Time
Pre-bid Conference	-NA-	-NA-
Last Date of submission of bid	02/11/2020	03:00 PM
Opening date of techno commercial bid	03/11/2020	03:00 PM

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 technical query contact to

Attention: Dr. Bibekanand Mallick  
Department of Life Science  
National Institute of Technology  
Rourkela – 769 008, Odisha  
Phone: 0661 – 2462685  
Email: [mallickb@nitrrkl.ac.in](mailto:mallickb@nitrrkl.ac.in)

Yours sincerely,

\_\_\_\_\_  
Name: Dr. Bibekanand Mallick  
(PIC)

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
1	Multi-mode Plate Reader	1

2. **Specifications and allied Technical Details**

For detailed specification see **Annexure I**  
Submit list of users along with the quotation.

3. **Format of Quotation** (tick appropriate box)

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.	<b>Pre-bid Conference:</b>	<b>Date: NA</b>	<b>Time: NA</b>
ii.	<b>Last date for submission of bid</b>	<b>Date: 02/11/2020</b>	<b>Time: 03:00 PM</b>
iii.	<b>Opening date of techno commercial bid</b>	<b>Date: 03/11/2020</b>	<b>Time: 03:00 PM</b>

7. **Warranty:** Warranty must be at least **3 years** onsite on parts (both hardware and software) which should be clearly mentioned along with the quotation.

8. **GST** should be charge according to applicable rates (if applicable).

9. **EMD (Earnest Money deposit)** in shape of DD (Demand Draft) for **INR 16,000/- (Rupees Sixteen Thousand Only)** and Tender Cost (Non- refundable) in the form of DD for **INR 500/- (Rupees five Thousand Only)** in favor of "**Director, NIT Rourkela**" Payable at Rourkela from any Scheduled Commercial Bank except Co-operative and Gramin bank. And DD for the EMD (Earnest Money deposit) should remain valid for a period of 45 days beyond the bid validity period from the date of opening of bids. EMD (Earnest Money deposit) 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) 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 03/11/2020 at 03:00 PM.**

10. **Performance Security: Rs. 40,000/- (Rupees Forty thousand only)** in shape of Demand Draft (DD)/Bank Guarantee in favour of "Director, NIT Rourkela" and payable at Rourkela from any Scheduled Commercial Bank except Co-operative and Gramin bank. 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. Performance Security should be submitted within 15 days from the date of receipt of Order. 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.

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

12. Please send you quotation through <https://eprocure.gov.in/eprocure/app>

13. For technical details, you may contact

Dr. Bibekanand Mallick  
Department of Life Science  
National Institute of Technology, Rourkela – 769 008  
Phone:0661-2462685  
E-mail: [mallickb@nitrkl.ac.in](mailto:mallickb@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/ equipment 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 Bid should be uploaded in <https://eprocure.gov.in/eprocure/app>. Please follow the guideline 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 nonresponsive.
- 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.
- 1.11 Bidders registered with any of the following agencies/ bodies as per Public procurement policy for Micro & Small Enterprises (MSE) order 2012 are exempted categories from payment of EMD provided that the registration Certificate issued by any one of these below mentioned agencies must be valid as on close date of tender. Micro small or medium enterprises who have applied for registration or renewal of registration with any of these agencies/bodies but have not obtained the valid Certificate as on close date of tender are not eligible for exemption.
  - i) Khadi and Village Industries Commission (KVIC)
  - ii) National Small Industries Corporation (NSIC)
  - iii) Any other body specified by Ministry of MSME/GOI

**2. Conditions of the bid**

- 2.1 The rates quoted should preferably be net, inclusive of all taxes and duties, packing, forwarding, freight, Insurance and all other incidental charges. 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 etc., when quotes separately are reimbursable at actuals. 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 – Integrated tax (Rate) dt. 14/11/2017 & Notification No. - 45/2017- Central tax (Rate) dt. 14.11.2017, Notification No. - 45/2017- Union Territory Tax (Rate) dt. 14/11/2017 [Vide DSIR, Ministry of Science and Technology, Government of India, 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 **90 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 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 proforma 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 for Multimode Plate Reader**

The equipment should be complete with the following features & specifications:

- Instrument should be able to read UV-Vis Absorbance, Fluorescence and Luminescence
- Should be capable of performing End-point, Kinetic, Spectral Scanning and Well area scanning assays.
- It should be able to read 6, 12, 24, 48, 96, 384 well plates without need for any adapters. Also read Micro-volume (2µl) samples at least 16 samples at a time. Also, should be capable of measuring standard cuvettes.
- It should have Linear, Orbital and double shaking feature with temperature control from ambient +40C to 450C. option for speed and duration should be programmable.
- Wavelength selection with Quadruple grating Monochromator (2 Excitation and 2 Emission Monochromators).
- Absorbance wavelength range should be selectable from 250 to 999nm selectable in 1nm increments. Fluorescence wavelength should be selectable from 250 to 700 nm selectable in 1nm increments.
- Light source should be Xenon Lamp having long life with at least 1 billion flashes
- Detector – Photodiode for Absorbance and PMT for Fluorescence and Luminescence
- Absorbance range should be from 0 to 4 OD with resolution of 0.0001 OD.
- Should have pathlength correction feature.
- It should have both Top and Bottom reading probes for Fluorescence measurements
- Fluorescence Sensitivity: Fluorescein 2.5 pM (0.25 fmol/well 384 well plate)
- It should be capable of performing glow Luminescence assay.
- Luminescence sensitivity: 20 amol ATP
- Reading speed – 96 wells – 8-11 sec & 384 wells – in 18-22 sec
- Instrument should be CE and TUV Safety Agency marked and RoHS compliant
- Option for upgradeable on site to include Anisotropy integrated in the same unit for future needs. Also, should be able to on site add dual reagent dispenser for fast kinetics and flash fluorescence / Luminescence assays.
- Suitable software to perform data analysis and data acquisition platform should be supplied
- 100-240 VAC 50/60 Hz .130 Watts max
- Suitable Desktop / Laptop must be supplied with these instruments.
- Warranty 03 Years on Machine

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