



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

Advertised Tender Enquiry

Department: Mechanical Engineering

Tender Notification No: NITR/PW/ME/2021/249

Date: 03/03/2021

To

Important Dates

Bidding
Through
e-Procurement module of
CPP Portal

(<https://eprocure.gov.in/eprocure/app>)

Event	Date	Time
Pre-bid Conference	NA	NA
Last Date of submission of bid	24/03/2021	11:00 AM
Date of opening of Techno-commercial bid	25/03/2021	11:00 AM

Dear Sir,

We intend to purchase the commodities specified below and invite online bid/quotations from the eligible and OEM or OEM Authorized Dealer/Agent supply, installation, commissioning and training of High Precision Turbo Balancing Machine 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 clarification, you may contact to:

Atten:

Prof. S. K. Behera
Department of Mechanical Engineering
NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA – 769 008,
Mob:9040893760,
Email: beherask@nitrkl.ac.in

Yours sincerely,

Prof. Suraj Kumar Behera
Department of Mechanical Engineering
NIT Rourkela

Encl:

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

1. Schedule of requirements

Item No	DESCRIPTION	Quantity
1	Supply, installation, commissioning and Training of High Precision Turbo Balancing Machine	1 Unit

2. Specifications and allied Technical Details : As per the specification mentioned in **Annexure II**

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

It is a two-part 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: NA	Time: NA
ii.	Last date for submission of Bid:	Date: 24/03/2021	Time: 11:00 AM
iii.	Date of opening of Techno- commercial Bid:	Date: 25/03/2021	Time: 11:00 AM

8. **Warranty:** Minimum of 12 months from the date of installation (including all parts and consumables supplied by the vendor) and during this warranty period, authorized service engineer should visit at least twice in a year in addition to the break-down call.

9. GST: GST should be charged at applicable rates against DSIR certificate.

10. **Tender Cost:** Tender cost (Non- refundable) in the shape of Demand Draft for **INR 500/-** (Rupees Five Hundred only) in favor of "**Director, NIT Rourkela**" Payable at Rourkela from any Scheduled Commercial Bank except Co-operative and Gramin bank. 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 25/03/2021 at 11:00 AM**, failing which the bid will be summarily rejected.

11. **Bid Security:** It is mandatory to submit the "**Bid Security declaration**" form as mentioned in **Annexure I**, failing which the bid will be summarily rejected.

12. **Performance Security: 3% of Contract Value** should be deposited to the Institute within 15 days from the date of issue of Purchase Order, in favor of "Director, NIT Rourkela" and payable at Rourkela from any Scheduled Commercial Bank except Co-operative and Gramin Bank. 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.

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

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

15. **Techno-commercial Bid Evaluation Criteria:**

The evaluation of the Techno-commercial Bid will be as per the detailed technical specifications given in **specifications and allied Technical Details**. If required, the bidder(s) may be asked to provide additional clarification regarding the technical aspects. The following points are also to be considered as a part of evaluation criteria;

- i. Scanned copies of the technical brochure of the above equipment and accessories as per the Specifications and allied Technical Details must be included in the techno-commercial bid. Pointwise technical compliance along with any deviation of the mentioned specifications must be indicated along with technical documents.
- ii. Web references must be provided along with the technical bid.
- iii. Make and model no. should be mentioned in the technical bid.
- iv. Customized equipment and accessories will not be accepted. The standard equipment and accessories (as per Specifications and allied Technical Details) will only be accepted.
- v. Bidders should clearly specify after sales service/application support capabilities.
- vi. The bidder must also assure in writing that (a) after sales regular maintenance service as well as (b) emergency breakdown service will be attended at the regular time interval for (a) and within 72 hours for (b).
- vii. Service/Manpower: Should provide onsite instrument operation support with manpower for at least 2 years.
- viii. Turnover details of the firm should be provided.
- ix. The vendor should be able to provide all spare and parts for minimum of 10 years from the date of installation.
- x. Scanned copies of Two purchase orders of the quoted equipment model and accessories within last three years must be enclosed along with the technical bid.
- xi. The bidder must have valid authorization from the OEM specific to this tender. Documentary proof regarding this must be attached

Financial Bid Evaluation Criteria:

Financial bid will be evaluated for the award of contract based on overall quoted price in BOQ.

16. For technical details, you may contact

Prof. S. K. Behera
National Institute Of Technology
Rourkela – 769 008,
Mob:9040893760,
Email: beherask@nitrkl.ac.in

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



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA – 769 008, ODISHA

BID DOCUMENT

1. Instructions to the bidders

- 1.1 Bids are invited on behalf of the Director, National Institute of Technology (NIT), Rourkela – 769 008, 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 following the list provided in **BOQ** in clear terms without any 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 enquiry.
- 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 will be considered non-responsive.
- 1.9 The bids will be submitted in two parts, viz., techno-commercial bid and financial bid.
- 1.10 The bidder has to put his full signature in full in all the pages of the scanned part of the bidding document. No over-writing in those pages is acceptable.
- 1.11 If any bidder does not fulfil technical specification, his/her eligibility will be cancelled even if his/her price got L1 status.
- 1.12 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 & Tender Cost 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 packing, forwarding, freight, Insurance and all other incidental charges including 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 – 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 bid.

2.4 The bid should remain valid for a period of **90 days** from the date of opening. In case the bid offer has a different validity period, the same should be clearly mentioned in the bid.

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 as mentioned in schedule of requirements in the tender documents.

2.7 The Institute may like to conduct pre-dispatch inspection of goods, where applicable.

2.8 Period of guarantee/warranty, where ever 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 discretion of 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 Purchase order / Work order shall be placed on the bidding firm(s). In case of deviation to this, if any, the bidding firm should produce any such sufficient documents/credentials i.e., Agreements, MOUs, Arrangements etc. with the third party/ OEM to satisfy the buyer. A consent letter from the third party/ OEM to that effect must be enclosed along with the bidding documents.

2.13 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.

2.14 State Bank of India is the sole Banking partner for NIT Rourkela for operation of LC (Letter of Credit).

2.15 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 and binding.

2.16 The bid document/resultant contract will be interpreted under Indian Laws.

BID SECURITY DECLARATION

Tender Ref. No.: _____ Dated _____

Tender ID: _____

To

**The Registrar,
National Institute of Technology,
Rourkela Sundargarh, Odisha-769008**

The undersigned, declare that I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration. I/We accept that I/We may be disqualified/ suspended from bidding for any tender /contract in your Institute (NIT Rourkela) for a period of **Five Years** from the date of notification of present tender, if I am /We are in a breach of any obligation under the bid conditions as under, if I/We

- a) Withdraw/modify/amend, impair or derogate the tender/bids, during the period of bid validity specified in the form of Bid; or
- b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity
 - (i) fail or refuse to execute the contract, if required, or
 - (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing the Bid Securing Declaration) Duly authorized to sign the bid for and on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)
Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

Details Technical Specification**Specification****1. Machine Specification**

- Max Symetrical Load: 30 kg / 0.1 kg
- Residual umbalance: 2 gmm / 100 kg rotor
- Precision: ± 0.01 mm/s
- Accelerometer Sensitivity: 100 mV/g
- Maximum Rotor Diameter: 533 mm
- Maximum weight per base: 15 kg
- Maximum SBS displacement: 6 mm
- Maximum Journal diameter: 63.5 mm
- Min / Max distance between supports: 12 mm / 500 mm
- Transmission: Flat Belt
- Motor Features 0.12 W (1/6 hp) / 90VDC
- Speed Driver Included / Output 0-90/180VDC
- Weight: Maximum 25 kg (55 lb)

2. Kit should Includes:

- (1) Horizontal Balancing Machine
- (1) DigivibeMX M10 system for Dynamic Balancing
- (1) DigivibeMX M10 software (3 activations)
- (1) GX400 wired 4-channel interface
- (2) 100 mV/g 24V single-axis accelerometers and cables
- (1) Laser Optical Sensor and cable
- (1) Magnetic Stand
- (1) Soft-sided Instrument Carry Case
- Set of 2 Axial Supports
- Set of 2 Negative Load Supports
- Operation and maintenance manual etc.

3. Action during commissioning of machine at NIT Rourkela

- Installation, commissioning & proving of the machine to its desired capacity will be done by the OEM's engineer at NIT Rourkela
- Commissioning work include acceptance test/component trial and they will be carried out by the OEM's expert.
- The commissioning will be treated as complete when we issue the certificate of acceptance. Installation, commissioning & proving of the machine to its desired capacity and complete satisfaction.
- Electrical requirements also to be clearly specified
- The OEM shall have to provide onsite training to 3 persons exclusively for minimum one days in the field of programming, operation, maintenance etc.