



Advertised/ Open Tender Enquiry

Tender Notice No: NITR/PW/CR/2018/26

Date: 16.05.2018

Department: Ceramic Engineering

Through,

Important Dates

CPP Portal
(E-procurement)

Event	Date	Time
Pre-bid Conference	NA	NA
Last date of submission of bid	12.06.2018	11:00 AM
Opening date of technical Bid	13.06.2018	11:00 AM

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 clarification

Principal Investigator: Dr. Debasish Sarkar
Department of Ceramic Engineering
National Institute of Technology Rourkela
Rourkela– 769 008, Orissa, India.
Phone No. : +919556661401,
FAX No.0661-2462926

Yours sincerely,

Name: Prof. Debasish Sarkar
Principal Investigator:
Project Code: NITR/SR/17/CR/056

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.	Planetary Micro Mill (WC Grinding Bowl and 0.6mm WC Ball Assembly) (Detailed specification as per attached Annexure – I)	01 unit

2. **Specifications and allied Technical Details**

* Attach User list along with the quotation

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

It is a single bid; please give all technical specifications and price bid in one go.

OR

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 closing date of the bid.

6. **Some important dates:**

Event	Date	Time
Pre-bid Conference	NA	NA
Last date of submission of bid	12.06.2018	11:00 AM
opening date of technical Bid	13.06.2018	11:00 AM

7. **Warranty** of **02** years must be provided from the date of installation.

8 (a) **Excise Duty:** The Institute is exempt from Excise Duty. Please state applicable excise duty as a separate item.

(b) **GST:** GST should be charge according to applicable rates.

9. **Bid Security:** **Not Applicable**

10. **Performance Security:** **Not Applicable**

11. **Eligibility:** i) **Copy of at least five purchase orders for the supply of same equipment and specification has to be attached.**

ii) **Detailed brochure of equipment has to be attached.**

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. For technical details, you may contact

Prof. Debasish Sarkar

Principal Investigator:

Project Code: NITR/SR/17/CR/056

Department of Ceramic Engineering National Institute of Technology,

Rourkela – 769 008

Phone: 0661 – 2462207, Mobile No: +91 9556661401,

Fax: 0661-2462926 E-mail: dsarkar@nitrl.ac.in

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



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, Orissa, 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 enquiry. In case the above date is declared a holiday for NIT, Rourkela, and the bids will be received up to the appointed time on the next working day.
- 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., technical 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 If any bidder does not fulfill technical specification, his/her eligibility will be cancelled even if his/her price got L1 status.

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 exempt from paying Excise Duty vide Government Notification No. 10/97 dated 01.03.1997 [Registration No.: TU/V/RG-CD (227)/2011, dated 10.10.2011. The Institute is not authorized to issue C or D forms. GST may be charged at applicable rates.

- 2.3 The goods are required to be delivered at the indenting Department of NIT, Rourkela, and must be reached within **70 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 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.

1. Specification for Planetary Micro Mill (WC Grinding Bowl and 0.6mm WC Ball Assembly)

Technical Specifications - Planetary Micro Mill

- Maximum feed particle size - upto 5 mm
- Final fineness < 0.1 µm
- Minimum Sample Quantity: 0.5 ml
- Maximum Sample Quantity: 70 ml
- No. of bowls - 2 bowls of 80 ml volume
- Grinding balls – 600 grams of 0.6 mm dia.
- Bowls and balls of Hard metal tungsten carbide

Other specifications and required features:

- The offered micro mill should be bench top model.
- **Rotational Speed of Main disk upto 1100 rpm**
- **Maximum speed of grinding bowls should be 2200 rpm**
- **High energy milling up to 95 g.**
- Short milling times
- Dry and wet grinding possible.
- Bench top model with high grinding performance
- No-Loss grinding, even in suspension
- The mill should have facility of continually monitoring and recording the data of gas pressure and temperature during the grinding process.
- The Mill should have USB interface – logging results should be easier.
- The grinding bowls 80 ml volume made of Hard metal tungsten carbide should be supplied with steel casing.
- The grinding balls 0.6 mm dia made of Hard metal tungsten carbide should be supplied.
- Possibility to add special lid for grinding in inert atmosphere
- Grinding chamber cooled by built-in to permit longer grinding times
- Programmable interval and break times and rotation direction (clock wise & anti clock wise)
- Absolutely reproducible grinding parameters with use synchronous belts for transmission.
- Simple cleaning of grinding elements
- **Effective diameter of main disk should be 140 mm**
- **Transmission ratio should be 1: -2**
- Emptying device to separate grinding balls from samples to be offered
- Suitable seal rings to be offered.
- Preferred Make - Fritsch Laboratory Instruments, Germany.
- Proprietary Certificate Need to be provided.

2. Others

- Warranty: 2 years standard warranty from the date of installation.
- Bidders must provide user details of at least 5 national level premier institution of repute where similar instruments were supplied in last 2 years
- Scanned copy of technical brochure and website reference of the same must be included in the bid.