



SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION CELL

NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA – 769 008, ORISSA

Advertised/ Open Tender Enquiry

Department: Ceramic Engineering

Enquiry No: NITR/PW/CR/2018/13

Date: 02/04/2018

Through

CPP Portal

(E- Procurement)

Important Dates

Event	Date	Time
Pre-bid Conference	NA	NA
Last Date of submission of Bid	01/05/2018	11:00 AM
Opening date of Technical and Financial Bid	02/05/2018	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.

Please send your quotation to:

**Attention:
Principal Investigator: Prof. S.K.Pal
Department of Ceramic Engineering
NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA – 769 008, ORISSA**

Yours sincerely,

Name: Prof. S.K.Pal
Principal Investigator:
Project Code: NITR/SR/17/CR/035

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.	High Temperature Table Top furnaces (1200oC continuous operation) (Detailed specification as per attached Annexure – I)	01
02	Over temperature limit controller	01
03	Voltage stabilizer suitable for furnace	01
04	One data acquisition Unit suitable for furnace	01

2. Specifications and allied Technical Details

*** Attach User list for last 2 years 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. Please see item 1.12 of instructions for method of bidding.

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:

i.	Pre-bid Conference:	Date: NA	Time: NA
ii.	Last date for receipt of quotation:	Date: 01/05/2018	Time: 11:00 AM
iii.	Opening of Technical and Financial bid:	Date: 02/05/2018	Time: 11:00 AM

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

- 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. 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

Principal Investigator: **Prof. S.K Pal**
Project Code: NITR/SR/17/CR/035
Department of Ceramic Engineering.,
National Institute of Technology,
Rourkela – 769 008
Phone: 0661 – 2462210,
Mobile No: +91 9438211301
Fax: 0661 – 2462999, E-mail: skpal@nitrkl.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 **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 pro forma invoice copy needs 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.

Annexure –I

High Temperature Table Top furnaces (1200oC continuous operation)

Specification:

1. It should be GLP & GMP compliant Non-rust Textured Stainless steel casing box furnace of with Continuous Operation temperature: 1200 °C (continuous Operation)
2. PID based Microprocessor temperature controller with LCD display with data input by numeric pad.
3. Should have facility for at-least 5 Programs with 4 Steps each; Temperature & time value entry in steps of 1°C & 1 minute respectively;
4. Status messages not as codes but as clear texts. With start time configurable; Operating hour counter; auto tune function;
5. Temperature variable as °C & °F; kWh meter;
6. Real time clock;
7. Skip-button for segment jump.
8. Heating elements on support tubes ensure free heat radiation & long life and easy replacement &
9. High-quality robust light weight refractory bricks for furnace Chamber for the high working temperature.
10. Double-walled casing for low external temperatures and high stability.
11. Solid state relay to provide low noise.
12. Adjustable air inlet integrated in the door, exhaust air outlet in rear wall of furnace.
13. Should meet applied harmonized standards or better EN 61010-1, EN 60519-1, EN 60519-2, EN 61000-6-2, EN 61000-6-4.
14. Chamber volume of 9 litres (minimum)
15. Over Temperature Limit Controller with adjustable cutout temperature for thermal protection Class 2, in accordance with EN 60519-2 as temperature Limited to protect the furnace & load.
16. Heating capacity 3.0 kW or better & 220 V AC / 50 Hz / Single- phase machine.
17. Preferred make: Nabertherm
18. Proprietary Certificate need to be provided

Accessories

1. Voltage stabilizer suitable for furnace to be quoted in INR if manufactured in India and must be compatible with the system.
2. One data acquisition Unit to be quoted in INR if manufactured in India and must be compatible with the system.

Others

- Warranty: **3 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.

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