

OFFICE OF MME, NIT DURGAPUR
MAHATMA GANDHI AVENUE, DURGAPUR- 713209

Tender No. NITD/MME/PM Lab/ Vacuum Furnace/2018-19 /03

Date: 11/01/2019

TENDER NOTICE

SUPPLY OF Vacuum furnace FOR Metallurgical and Materials Engineering (MME) Department, NIT DURGAPUR

Quotations are invited from all prospective bidders including for the supply and delivery of Vacuum furnace for MME Department, NIT Durgapur, as per the terms and condition mentioned below. All bidders are required to address their bid documents to the Head-MME Department, National Institute of Technology, Durgapur, (W.B) and drop the same in sealed condition at MME Department on and before 4.02.2019 from the publication of the notice. Only those firms with valid certificate of enlistment (Trade Licence), GST, PAN No., Sales Tax Registration etc. will be considered.

Sl. no.	Name of the Equipment	Specification of the Equipment	Qty.
01	Vacuum furnace	Type: Horizontal split tube furnace	One (01)
		Maximum operation temperature: at least 1050 °C	
		Continuous working temperature: at least 1000 °C	
		Gas purging and vacuum upto 10 ⁻⁵ mbar	
		Hot zone: 40 mm diameter and 150 mm leangth	
		Hot zone tube of Quartz: Quartz OD × ID × L: 4 cm × 3.7 cm × 70 cm	
		Heating rate: upto 10 °C/min	
		Uniform temperature (±5 °C)	
		Provison for check sintering process: One glass hole (15 mm diameter) to follow sintering	
		Fabrication: Dual body construction in steel with flange support	
		Skin temperature: less than 60 °C (maximum) at all operating temperature	
		Insulation type: All vacuum formed fiber board insulation	
		Hot face insulation temperature rating: 1400 °C	
		Heating element type: Kanthal A-1 for 1300 °C	
		Thermocouple type: K type	
		Teperature controller: Thyrister based, programmable (PID) controller	
		Power rating: capacity minimum 2KW, 230 volts, 20 amps, 50 Hz	
		Flanges: SS Flanges with easy sample loading and removal	
Provision for vacuum working in flange: A KF 25 vacuum port			
Provision for gas flow control in flange: Controlled gas flow by a needle valve			

General Terms & Conditions:

1. A. The bid is to be submitted in two parts:

- i) **Technical Bid:** *This includes signed and stamped copy of the Tender Notice and completely filled and signed Form-A (Annexure-1 to this Tender Notice). EMD of 3% of the total rate quoted is to be deposited in the form of Demand Draft of any nationalized bank, having branch at Durgapur, in favour of Director, NIT Durgapur, payable at par. Same will be released to the unsuccessful vendors on request, after completion of tendering process and to the successful vendor after submission of Security Deposit of 10% of total bill value for the 3 months in the form of bank guarantee or the same will be deducted from the bill/invoice. Self attested copy of Valid GST certificate, Sales Tax Registration certificate, Certificate of Enlistment (Trade License) for relevant items & any other special license that may be required for the supply of such items, must be provided by the bidders, failing which the bid may be rejected without further reference.*
- ii) **Price Bid:** Introductory Letter and completely filled and signed Form-B (Annexure-2 to this Tender Notice).

B. Procedure for sealing and marking of bids: The Tender / Bid Cover shall contain the following:

- a) **FIRST envelope should contain the Technical Bid along with enclosures desired in the Tender document. This envelope should be sealed and super scribes as "TECHNICAL BID" Cover.**
- b) **SECOND envelope should contain the Price Bid. This envelope should be sealed and super scribed as "PRICE BID" Cover. It should also state Tender no., date and name & address of the bidder.**
- c) **All the above mentioned TWO SEPARATE ENVELOPES are to be sealed and kept in one single larger size outer envelope (THIRD envelope) which should also be sealed and super scribed with Tender no., date, name, address & contact information of bidder.**

2. Please fill up the attached sheets Form-A & B (Annexure-1 & 2 to this Tender Notice) otherwise tender will be rejected. Do not change or modify the format.

3. For the price calculations show the taxes (in percentage (%)) as well as amount) separately. The rates should be quoted clearly without any overwriting/cutting. Extra charges (if any) should not be included in MRP & price quoted. Extra charges (if any) are to be specifically mentioned separately including the amounts to be charged in additional sheets which is to be duly signed and stamped by the supplier, failing which no claim will be entertained at a later stage.
4. All pages of the bids should be duly signed and stamped with date.
5. All price quoted must remain open for acceptance for 180 days from the date of opening of the price bid.
6. **Prices are for delivery.** Free delivery to N.I.T., Durgapur-9, as per conditions mentioned in Purchase Order. Delivery shall be made at **Department of Metallurgical and Materials Engineering at NIT, Durgapur.** The items must be delivered and installed within **60 days** from the date of placement of purchase order. unless otherwise specified in the Purchase Order.
8. Goods are required to be consigned to the Director. NIT Durgapur unless otherwise instructed.
9. The actual quantity of requirement of items may vary from what is indicated in this Tender Notice which is only an estimate. The decision of the Tender Committee regarding the variant and quantity to be purchased is final.
10. **Purchasers' Right:** Notwithstanding anything specified in this tender document. the Institute unconditionally and without assigning any reasons. reserve the rights (a) To accept or reject the lowest tender or any other tender or all the tenders. at any time prior to the award of the purchase/work order. without incurring any liability to the affected tenderer or renderers (b) To accept any tender in full or in part (c) To reject the tender offer not confirming to the tender terms (d) To give purchase preference to Public Sector Undertaking wherever applicable as per Govt. Policy/ Guidelines.
11. All supplies are to be guaranteed against defects and must be replaced/repair at suppliers' cost. Minimum warranty of 01 (one) years should be provided. Removal and replacement of rejected goods will be supplier's responsibility and at supplier's cost. Our normal terms of payment are 100% within 30 working days on submission of bills and relevant documents. if the bills and documents are in order.
12. All invoices raised should bear printed serial number. date and should mention the Purchase Order no. and date. Prices. extra charges (if any) and taxes (rate. % & type of tax) are to be shown separately and the

Challan should bear Security entry stamp of NIT Main Gate. The Challan should clearly state the make/manufacturer, model, specifications, quantity etc. of the items supplied.

13. **Genuine Pricing:** The bidder has to ensure that the quoted price for NITD is not more than the Price Offered to any other customer in India to whom this particular item has been sold, particularly to Indian Institute of Technology, National Institute of Technology, State/ Central or Deemed Universities, Defense Organizations, Research Establishments or any other Government Institutions. For this purpose the vendor has furnish a price reasonability certificate in the page 02 of Form -A of the Technical Bid. Name and contact details of the premier educational institutes/ government organizations where the quoted item/ equipment has been supplied/ installed during the last three years should be attached with the Proforma for Technical Bid.
14. **Black Listing:** The bidder should not have been blacklisted or debarred from participating in tenders in any State/ Central Government agencies or autonomous bodies or Universities / Educational Institutions or PSUs.
15. NIT Durgapur is entitled to excise and customs duty exemptions, if applicable please mention.
16. The bidders may represent themselves personally or through their authorized representative, if any, at the time of opening of bids.
17. In case the time is insufficient to open the Price Bids after opening the Technical Bids. the Price Bids will be opened on a subsequent date which will be intimated at the time of opening the Technical Bids.
18. Changes, if any, to this Tender Notice will be intimated as corrigendum/addendum to the same on the Institute website (www.nitdgp.ac.in), so bidders are requested to check the Institute website regularly.
19. If the date of tender opening/last date of tender submission happens to be a holiday or the Institute remains closed due to any reason. the date for the same will be shifted to the next working day at the same time and venue.

Yours sincerely,

Manab Mallik
Dr. Manab Mallik 11/01/2019
(Indentor)

S. Pramanik 11/1/19
Dr. S. Pramanik
(Head, MME Dept)

Copy to: 1. Registrar Secretariat, 2. Notice Board(Academic Building), 3. Institute website for your necessary information

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FORM-A

S.No.	<u>PARTICULARS</u>	
1	Name of the Supplier /Vendor /Firm/Distributor:	
2	Name of the Contact person/Proprietor:	
3	Registered / Contact Address of the Supplier/Vendor/ Firm/ Distributor	
4	Contact no.:(Mobile no. /Telephone no.)	
5	Email address:	
6	GST/ PAN /GIR No. (Attach self attested copy)	
7	VAT & Service Tax Reg. No. for the specified item (Attach self attested copy)	
8	Valid Trade License No. (Attach self attested copy)	
9	Whether rates are quoted as per format mentioned in the Bidding Document or not.	
10	Whether Form-B is enclosed.	
11	Whether the minimum specifications mentioned in the Tender Notice are fulfilled by all the products whose price has been quoted.	
12	Whether rates quoted are inclusive of all taxes or not.	
13	Whether EMD of 3% of the total value of the rate quoted in form of DD has been enclosed in case of non-enlisted vendor? Write DD no. & date and Bank Name & Branch. Enlisted vendor to enclose proof of depositing enlistment money.	
14	State the warranty period offered by: a) Manufacturer b) Supplier (Minimum warranty period 01 (one year)	

(Signatures of the authorized signatory with seal of tendering firm)

Name:

Contact no.:

Date:

FORM-B (Contd ...)
PRICE REASONABILITY CERTIFICATE

It is certified that the RATE quoted against the NITD's tender number _____ dated ____ for the supply /installation/ commissioning of _____, is not more than the rates charged to other NIT's / IIT's / Central or State Government Organizations / Research Laboratories / Defense establishments/ Autonomous Bodies/PSUs, for similar supplies made by our firm, in the recent past. If at any stage, it has been found that the quoted rate to NITD is higher than the rates charged to above mentioned Institutions, then in such a situation / condition, NITD shall have the right to take legal action against us, for recovery of excess rates. NITD reserves the right to cancel the tender or reject the bid.

Yours faithfully,

Authorized signatory of Bidder with Seal

Name

Designation.....

Date: