



Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY

G T Road By Pass, Jalandhar-144011, Punjab (India)

Tel: 0181-2690301-2690453 website www.nitj.ac.in

Ref. No: NITJ/Pur/CH/103/17/

Date:

NOTICE INVITING QUOTATION

Sealed quotations are invited on behalf of Director, NIT, Jalandhar for the **Supply of Various Equipment** required for **Chemical Technology & Energy Technology Lab of Chemical Engineering Department** of the Institute.

Please send your offers super scribing

- (i) ““Quotation for Supply of Redwood Viscometer –01no.
Cloud Point and Pour Point Apparatus – 01no.
Flash Point and Fire Point Apparatus – 01no.
Distillation Apparatus for Petroleum Products – 01no.
- (ii) Reference of this letter/ NIQ No.
- (iii) Opening date of quotation on the cover of the envelope.

Last date of receipt of quotation	26.05.2018 at 3:00 pm
Opening of quotation	26.05.2018 at 3:30 pm

Quotations should reach at following address before the last date of receipt and time.

Kind Attention: Purchase Section,

Director

**Dr. B.R. Ambedkar National Institute of Technology,
Jalandhar GT Road, By Pass, Jalandhar-144001**

The quotations will be opened by the committee duly constituted for the purpose on due date and time in the presence of the quotes, whom so ever may wish to be present.

1. All the quotations/enquiries should be addressed to the Director, Dr B R Ambedkar National Institute of Technology, Jalandhar.
2. In case of non –compliance of instructions and all the terms & conditions, the offer will not be considered.
3. The institute being an Educational Institution, a special rebate/discount may be allowed.
4. Quotations without GST number will be invalid.

(Detailed Terms & Conditions, Specification of above item / equipment as per Annexure - I & II)



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IMPORTANT NOTE

1. The offers must be submitted in a sealed envelope duly super scribing the Quotation for **Supply of Various Equipment** required for **Chemical Technology & Energy Technology Lab of Chemical Engineering Department**. With Due Date and Time on the cover of envelope. The Quotations received late, will not be considered.
2. All corrigenda, addenda, amendments and clarifications to Notice Inviting Quotation will be hosted in the website www.nitj.ac.in. Quotee shall keep themselves updated with all such developments.
3. In case the last date of receipt/ opening of Quotation falls on holiday, the bids shall be opened on the following working day at same time.
4. The Quotation should be neatly typed. Any deviation in the offer shall lead to rejection.
5. Quotation(s) received beyond last date of offer submission will be rejected. No offer will be entertained by Email/FAX.
6. Supplier must mention Full address with Telephone No., Fax No. & E mail on their envelop also.

Annexure-I

**FOLLOWING TERMS AND CONDITIONS MAY BE CAREFULLY STUDIED BEFORE
SUBMITTING QUOTATIONS**

1. Name, complete address of the bidder/Quotee with telephone No., Fax No. & Email.

2. Location of Head office with complete address, with telephone No. Fax No. and Email.

3. The quotation must be quoted duly typed on the letter heads of the supplier / manufacturer duly mentioned full address, GST No./ PAN No./ TDS No. / TIN No. and must be in a sealed cover which should be superscribed Quotation for

_____Quotation No. NITJ/Pur/ dt:_____”.

Read and Accepted

**Signature of the Quotee
With Stamp**



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4. Telefax /E-mail and other incomplete offer will not be considered.
5. All quotations will be deemed to be FOR NIT, Jalandhar unless otherwise specified and should include packing and forwarding charges.
6. If quoting otherwise than FOR NIT, Jalandhar, insurance, charges from place of loading to destination shall be **borne** by the supplier.
7. All quotations will be valid for at least 90 days excluding the date of opening
8. **Illustrated literature and catalogue must be furnished along with quotation.**
9. **The supplier must intimated whether he is manufacturer, dealer or supplier. In case of supplier or dealer the authorization from the manufacturer is required and copy of the same must be enclosed with the bid/quotation.**
10. The institute being government educational institute is having excise and custom duty exemption in terms of government notification No. 51/96-customs Dt. 23-7-1996 and No. 10/97-central excise Dt. 1-3-1997 as amended from time to time, therefore rates be quoted accordingly and in the quotation excise/Custom clearly
11. Rate should be quoted in the Indian rupees only. Delivery period must be mentioned.
12. The successful supplier has to submit an amount of @2% of the total value of the offer in shape of bank guarantee/EMD upto the period of warranty period of the equipment before releasing of 10% payment **(for equipment which costs more than Rs. 1,00,000/- individually).**
13. **Quotation received after the due date will not be considered unless the date is extended.**
14. In case the last date of receipt of quotation falls on holiday, the quotation shall be opened on the following working day.
15. **The make/model and country of origin must be specified. Detailed Warranty period of the equipment clearly mentioned. The after sales service policy on expiry of warranty may also be clarified and address of the sales service center be intimated.**
16. Freight paid sample must reach this office before or at the latest by the due time and date of the opening of the quotations, if required.

Read and Accepted

**Signature of the Quotee
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17. It may be stated clearly whether the items quoted are available in stock. If not the minimum period of supply of goods be indicated.
18. **Percentage of taxes to be charged must be clearly stated.**
19. Inspection of goods will be carried out by the consignee or the Inspection Committee at the destination and rejected goods will have to be removed within 10 days from the date of dispatch of advice from the indenting officer, failing which the quote shall be responsible for the loss.
20. The rejected goods must be replaced within 15 days of the dispatch of advice by the indenting officer or a registered notice, failing which indenting officer will be entitled to make arrangements of its disposal without any further reference.
21. If there is any dispute/doubt, the decision of the Director, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar shall be final.
22. All disputes are subject to Jalandhar Jurisdiction.
23. Certificate to the effect that the Price quoted by you will be lowest and is not more than the Price charged from other Educational Institutions/ R & D departments in India.
24. Details of training and the cost if any in the institute be intimated.
25. The supplier who quote the equipment, must provide terms & conditions, upgrade policy and installation etc. and maximum discount can be allowed to the Institute being an Educational Institution be supplied.
26. **90% payment will be released against delivery, installation and inspection of the equipment and balance 10% payment shall be released within 15 days after having the inspection and installation report of the equipment. Execution of the complete order of goods as per specification of the supply order and their installation and working.**
27. The quantity of material may vary as per requirement.
28. **Penalty:** The Director of the institute shall have the power to impose penalty upto 5% of the value of the order if the supply is not executed within the stipulated/extended period.

Read and Accepted

**Signature of the Quotee
With Stamp**



Specifications of Redwood Viscometer:-

Redwood Viscometer

Specifications:

- Type of Bath: Electrically Heated Immersion Heater.
- Max Working Temperature: 99°C
- Continuous Working Temperature: 95°C
- Capacity: 1 Sample at a Time.
- Accuracy: +/- 2 °C
- Readability: +/- 0.5°C
- Temperature Controller: Using Digital Thyristor Regulator which will regulate the current flowing to heater.
- Stirrer: Manual Stirrer with stirrer blade for maintaining uniformity throughout chamber.
- Top Lid Made of Stainless Steel with provision of mounting of one Thermometer.
- Digital Thyristor Regulator.
- Validation: Vendor has to validate with standard system specification at the time of installation.
- Any other accessories for smooth installation and working of the instrument should be provided by the supplier.
- The supplier should also provide adequate training to atleast three persons at Dr. B. R. Ambedkar NIT Jalandhar, India.

Poonam



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Specifications of Cloud Point & Pour Point Apparatus:-

Point
Cloud & Pour Point Apparatus
lower

Specifications:

- Type of Chamber: Manually cooled.
- Max Working Temperature: -20°C
- Capacity of Refrigerant Media: 5 Ltr.
- Coolant Capacity: 2 Kg Approx.
- Sample: Two Samples at a time.
- Temperature Indicator: Thermometer for Pour Point upto -30°C or better / Digital Temperature Indicator.
- Validation: Vendor has to validate with standard system specification at the time of installation.
- Any other accessories for smooth installation and working of the instrument should be provided by the supplier.
- The supplier should also provide adequate training to atleast three persons at Dr. B. R. Ambedkar NIT Jalandhar, India.

Poonam



Specifications of Flash Point and Fire Point Apparatus:-

Point
Flash & Fire Point Apparatus
Point

Specifications:

- Temp. Range: 79 to 400° C.
- Test Method: ISO 2592, ASTM D 92, IP 36, IS 1448.
- Mode of operation : Manual
- Ignition Source: Gas Flame with two Pilot Electric Coils.
- Temperature Sensor: PT-100 in stainless steel sheath.
- Flash/Fire Detector: Manual / Visual flash detection.
- Flame-Sampling Arrangement: 10 Rpm, D.C. 12 V or 24V DC, gear motor, vertical movement.
- Electrical ignition for pilot flame-sampling. Ignition transformer having continuous o/p of 10.6 Kv D.C. from 230 v A.C. i/p.
- Equipment supply will be 230 V Ac, 50 Hz with 15-amp capacity.
- Validation: Vendor has to validate with standard system specification at the time of installation.
- Any other accessories for smooth installation and working of the instrument should be provided by the supplier.
- The supplier should also provide adequate training to atleast three persons at Dr. B. R. Ambedkar NIT Jalandhar, India.

Point



Specifications of Distillation Apparatus for Petroleum Products:-

Distillation Apparatus for Petroleum Products

Specifications:

- Type of Heating: Electrically Heated Heater.
- Max Working Temperature: 400 °C
- Continuous Working Temperature: 350°C
- Capacity: 1 Sample at a Time.
- Heater: Ceramic Coil Heater
- Temperature Controller: Temperature is controlled by Energy Regulator.
- Flask Adjustment: By Manual Cam Mechanism/ Rack & Pinion Arrangement.
- Cooling Bath: Made of Stainless Steel with Drain Cork.
- Cooling Bath Stand: MS Stand Duly Powder coated.
- Distillation Flask: Made of Corning Glass, Capacity 125ml.
- Measuring Cylinder: Made of Corning Glass with Graduation done as per Class A Certificate.
- Side and Top Arm Cork: Made of Silicon to withstand High Temperature.
- Thermometer:
 - ASTM 7c Upto 300°C
 - ASTM 8c Upto 400°C
- Validation: Vendor has to validate with standard system specification at the time of installation.
- Any other accessories for smooth installation and working of the instrument should be provided by the supplier.
- The supplier should also provide adequate training to atleast three persons at Dr. B. R. Ambedkar NIT Jalandhar, India.

Rohan