



भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय



ANNEXURE-1-A

INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

SCHOOL OF MATERIALS SCIENCE AND TECHNOLOGY

QUOTATION ENQUIRY

Ref: IIT(BHU)/SMST/BNP/IFP/2015-16/ENQ/QTN/1

Date: January 22, 2016
(Date of tender enquiry)

**Due Date: 4 PM, 12th February, 2016
(Last date of quotation receiving)**

Dear Sir,

I am enclosing herewith soft copies (in attached Compact Disk) of limited tender document "Thermal Evaporator System" for uploading at Central Public Procurement Portal (CPPP). I request you to kindly arrange to upload the same on Central Public Procurement Portal (CPPP) <http://eprocure.gov.in/epublish/app> by today itself.

Dear Sir,

Please submit your lowest rate for supplying the under mentioned items **(in hard copy in sealed envelope)**. It must be ensured, before submission of the quotations that each **and every submitted paper has been signed and the seal of the firm affixed**. Quotation in duplicate must reach us before the date marked above and should contain the following information

1. Full specification and make of the item offered and its rate F.O.R. Varanasi/CIF New Delhi.
2. Sales tax at concessional rate as applicable to educational institution.
3. Your VAT / CST registration number , PAN & TAN numbers
4. Conditions of supply and terms of payment
5. If you are a manufacture of the item or if you have proprietary right over it, please mention it in the quotation and provide a certificate.
6. Please mention your agency commission in Indian Rs., if applicable (in case of imported items).
7. Please give an undertaking as per annexure -I-B.
8. Further, if you want to quote any additional features, you are suggested to use a separate sheet.

Quotation must be sent in a **sealed envelope** with word "**QUOTATION**", our reference number, and due date as given above, clearly marked over it.

Sl. No.	ITEM	Approx. Qty.
	<u>TECHNICAL SPECIFICATION FOR THERMAL EVAPORATOR SYSTEM</u>	01 No.

VACUUM CHAMBER:

A metal bejar like chamber with aprox. size 290 mm inner diameter and 450 mm height should be provided in the system.

VACUUM PUMPING SYSTEM:

- Rotary pump having a displacement capacity of 250 lit/min (15 m³/hr) or more should be

- Oil Diffusion Pump with an effective pumping speed of 280 Lit/Sec or more should be provided with the system.
- Liquid Nitrogen Trap should be incorporated in between the Diffusion Pump and the High Vacuum Valve.
- Manually operated butterfly valve should be provided with the system.
- Manually operated roughing and backing valve should be provided for roughing and backing operations.

VACUUM MEASURING GAUGES:

Vacuum measurement by one Penning gauge for high vacuum measurement and one Pirani gauge with two pirani gauge sensors for roughing & backing vacuum measurement should be provided.

ULTIMATE VACUUM:

The unit is specified to achieve an ultimate vacuum in the order of 5×10^{-6} m.bar or better in clean, cool, empty degassed condition

EVAPORATION SOURCE:

Single resistance evaporation source holder with clamp capable of holding filament or boat source. Electrode extension is provided to enable the source to be positioned at variable heights within the chamber.

LT/HT current controller with selector switch and ammeter to display evaporation current.

An LT transformer for use with resistance evaporation source. The transformer outputs can be set to 100/200A.

SOURCE SHUTTER:

A manually operated source shutter with rotary shaft seal, to cover the evaporation source

depending on requirement should be incorporated in the chamber.

WATER CHILLER:

Water chiller should be provided with the system

Optional Items (Quote prices separately):

- Digital thickness monitor for film thickness measurement
- Recommended spares/consumables for trouble free operations.

- **Payment condition: On bill basis on installation of instrument**
- **Validity of the Quotation: Minimum 90 Days**
- **Supply Period of the quoted Instrument: Minimum 80 Days**
- **Tender bid date 16th February, 3:00 pm, SMST, IIT(BHU)**

Dr. Bhola Nath Pal
Project Investigator
School of Materials Science and Technology
Indian Institute of Technology (BHU) Varanasi
221005

INDIAN INSTITUTE OF TECHNOLOGY (BHU) VARANASI

TO BE RETURNED

Following proforma should be filled in and duly signed by the firm and sent alongwith the quotation. (Please refer to the detailed instructions/notes before filling this proforma).

1. Validity of the offer :
2. Approximate Delivery Period :
3. (a) Whether rates have been quoted F.O.R. site and covers packing forwarding and insurance charges. : YES / NO
(b) If not, please mention the same :
4. (a) Whether the prices are inclusive of Sales Tax and other taxes. : YES / NO
(b) If not, kindly specify the amount / rate :
.....
5. If the Sales Tax is charged extra, declaration for charging Sales Tax correctly attached. : YES / NO
6. (a) Whether supply will be made directly or through any Local / Regional / Authorized Dealer / Stockist Dealer : Directly/Stockist/Authorized Dealer
(b) If through a Stockist / Dealer: -
(i) Name and full address of the Party :
.....
.....
(ii) Whether the order to be placed with the Dealer : Principal / Stockist /
(iii) Who will raise the bill : Principal / Stockist / Dealer
(iv) Cheques will be drawn in favour of : Principal / Stockist / Dealer
(v) Whether any Delivery, Packing and Forwarding Charges will be payable to local Stockist/Dealer : YES / NO
(Please specify the amount/percentage etc, if any)
7. Our terms of payment (Please indicate your preference by a (✓) mark). Please note that no other payment terms are likely to be accepted.
(a) **For Local Firms or if the bills are raised by the Local Dealers.**
(i) 100% Payment on bill basis :
OR
(ii) 100% payment against Proforma Invoice after receipt of materials in good condition, installation and satisfactory report.
(Only under exceptional cases)
(b) **If the bills are raised by outstation Firms**
(i) 100% Payment on bill basis :
.....
OR
(ii) 100% payment against Proforma Invoice after receipt of materials in good condition, installation

and satisfactory report :

OR

(iii) D.G.S. & D. Terms of Payment for D.G.S. & D

Rate Contract items :

OR

(iv) 75% against Proforma Invoice (at site) or

documents through Bank and 25% after receipt
of materials in good condition, installation and
satisfactory report. :

OR

(v) 90% payment against Proforma Invoice (at site)
or documents through bank and 10% after receipt
of materials in good condition, installation and
satisfactory report (Only under special
Circumstances). :

8. Whether any Excise Duty is payable on the items. : YES / NO
If yes, indicate the amount / percentage. :%
9. Whether any installation charges are payable extra. : YES / NO
If yes, amount to be specified. :
.....
10. Whether any discount for educational institution :
offered on the printed price list of the manufacturer. : YES / NO
Please mention the amount / percentage. :
.....
11. Whether the product is on DGS &D/D.I. Rate contract.
If yes, please enclose a photocopy of the same. : YES / NO
12. Whether the product bears I.S.I. Mark. YES / NO
If yes, please mention the I.S.I. License no. :
.....
13. (a) Whether the firm is Sales Tax payer. : YES / NO
If yes, please mention the Sales Tax Numbers. :
.....
- (b) Whether the Local Dealer(s) is / are Sales Tax
payer(s) : YES / NO
If yes, please mention the Sales Tax numbers of each :
.....
14. Whether printed / authenticated price list of the Firm's
Products and Catalogue etc. enclosed. : YES / NO

Signature of the Authorised Official with Seal

TO BE RETURNED WITH QUOTATION

UNDERTAKING

WE HEREBY UNDERTAKE THE FOLLOWING:

1. We will not sell the product (s) to other institutions, bodies and also in the market on the rates less than those quoted by us to the Institute.
2. The goods on which Sales Tax has been charged are not exempted for payment of Sales Tax under C.S.T. Act or U.P.S.T. Act or the rules made there under and the amount mentioned on account of Sales Tax on goods is not more than what is payable under the provisions of the relevant Act or Rules made there under.
3. The rate of Excise Duty mentioned in the quotation is in accordance with the provisions of the rules and the same is payable to the Excise Authorities in respect of the stores.
4. The goods / Stores / articles offered shall be of the best quality and workmanship and their supply will be strictly in accordance with the technical specifications and particulars as detailed in the quotation.
5. The information furnished by us in the quotation is true and correct to the best of our knowledge and belief.
6. We have read and understood the rules, regulations, terms and conditions and agree to abide by them.

***Authorised Signatory
(Seal)***