

**DEPARTMENT OF CERAMIC ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY
(BANARAS HINDU UNIVERSITY)**

ENQUIRY

Ref: IIT (BHU)/CER/2016-17/THEM_EVP/ENQ/PKR/321 /QTN/

Due Date: 28/10/2016 Date: 03/10/2016
(Last date of quotation receiving) (Date of Tender enquiry)

To

Dear Sir,

Please submit your lowest quotation for supplying the under mentioned items. 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 sales tax registration number and TAN number.
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 undertaking as per annexure-I-B

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 SPECIFICATIONS OF THERMAL EVAPORATOR WITH TURBO MOLECULAR PUMPING SYSTEM</u>		

- 1) Vacuum Chamber:
MOC: SS 304 & Size : 350 mm (W) X 350 mm (D) X 450 mm (H)
"D" Shaped with rectangular front door opening and view port
Ports for Feed throughs, pumping , gauges, etc.
2. Evaporation Source Holder, LT & HT Power Supply with controls, meters & Feed throughs
3. Work Holder & Shutter Assembly : 01 No.
4. High Vacuum Pumping System :
Turbo Molecular Pump 300 lps with controller & Vent Valve :
Make : Edwards / Pfeiffer / Leybold
Rotary Vane Vacuum Pump : 15 m³/ hr
Make : Indigenous
Necessary safety interlocks to be provided.
5. Vacuum Measuring Gauges :
Digital Pirani Gauge & Digital Penning Gauges
Digital Pirani Gauge with two gauge heads is required with selector switch.
Digital Penning Gauge with one gauge head is required
6. Suitable size Manually Operated high vacuum valve , backing and roughing valves
7. Fine control needle valve and air admittance valve to be provided
8. SS Plumbing line
9. Indigenous DTM to be provided for measuring coated thickness
10. Werner Finely / Equivalent make Suitable chiller has to provide for water cooling.
11. Control Console :
It should be made out of mild steel neatly powder coated & it should houses vacuum gauges, ON /OFF, TMP Controller, etc.,

12. Mounting stand:

The support frame should be made out of MS channel and angles neatly painted & it must have heavy duty casted wheels for mobility and jack bolt.

13. Electro polishing:

All SS items are buffed or and electro-polished to bright finish.

14. Leak Testing:

It should be done using Helium Mass Spectrometer leak detector to an individual leak rate better than 1×10^{-9} std. cc / sec.

15. Installation & Training :

To be provided at free of cost.

16. Instruction Manual to be given after installation.

ACCEPTANCE CRITERIA:

- 1) Company must be an Original Equipment Manufacturer of said Vacuum Systems (Preferable) / Dealers quoting must submit the OEM Authorization letter for submitting the tender
- 2) Must have supplied minimum 10 numbers of Thermal Evaporation Systems to various institutes including any one INDIAN INSTITUTE OF TECHNOLOGY.
- 3) List of Organization details to be submitted along with offer where thermal evaporation system supplied earlier.

N.B.: Other terms & conditions pertaining to item mentioned above, shall be mentioned below:

The Sealed quotation will be opened on 10 NOV 2016 at 03:30 PM in the office of The Head, Department of Ceramic Engg., IIT(BHU) (this is mandatory in case of e-publishing).


HEAD/विभागाध्यक्ष
Department of Ceramic Engineering
(Head of the Department)
Indian Institute of Technology (B.H.U.)
भारतीय प्रौद्योगिकी संस्थान (का०हि०वि०वि०)
Varanasi-221005/वाराणसी-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 : 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 : Principal / Stockist / Dealer
 - (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 : YES / NO

Charges will be payable to local Stockist/Dealer: (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)***