



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद- ८२६००४
Indian Institute of Technology (Indian School of Mines)
Dhanbad – 826004, Jharkhand, India

No. AChem-500435-2016-17

Date: 30 January 2017

To
M/s

Sir,

Indian Institute of Technology (Indian School of Mines), Dhanbad invites quotations for the following to be supplied and delivered in AChem Department.

S No	Full Description of items/ store	Qty	Rate	Amount
1	Supply & Installation of One rotary vacuum evaporator with chiller circulator (Detailed Specification is given in Annexure – I)	01 No		
	Packing & Forwarding, if any			
	Freight Charge, if any			
	Installation, if any			
	CST/VAT, if any			
	Grand Total			

Tender Schedule

Particulars	Date & Time
Last date for seeking clarification/s (if any)	14.02.2017 at 3:00 P.M.
Date and time for submission of tenders	21.02.2017 at 3:00 P.M.
Date and time of opening of tenders	21.02.2017 at 4.00 P.M.

1. You are requested to quote your lowest rates for the supply of above items.
2. Clarification(s) sought after the prescribed date shall not be entertained.
3. You may send your representative in the office of the undersigned at the scheduled date and time of opening of tender.
4. Tender should be submitted in sealed cover only superscribed with Enquiry No. and due date at the following address only:

The Asst Registrar (P&S)
Indian Institute of Technology (Indian School of Mines),
Dhanbad – 826 004 Jharkhand
P: 0326-2235612
E: drps@ismdhanbad.ac.in

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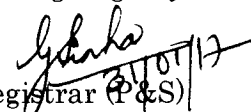


भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद- 826004
Indian Institute of Technology (Indian School of Mines)
Dhanbad – 826004, Jharkhand, India

-:2:-

Terms & Conditions

- 1) Please submit authorized dealership certificate, if you are not a manufacturer.
- 2) Please mention Sales Tax, CST, VAT, TIN and PAN numbers and Bank Account Number and name of the bank/ branch in your offer.
- 3) Conditional offer will not be accepted.
- 4) Please indicate rate of taxes/ duties clearly. Rates quoted will be taken as inclusive of all taxes unless given separately.
- 5) The rates should be quoted for each item separately.
- 6) IIT (ISM) does not issue any Form 'C' or 'D' towards sales tax concessional rate. Hence, full rate of sales tax/VAT applicable should be quoted.
- 7) **Educational discount**, if any, should be clearly mentioned.
- 8) You are requested to submit your quotation strictly as per the specifications mentioned in the NIT.
- 9) Further the following documents have to be furnished by the tenderers:
 - a. Self attested copies of credentials in support of capability to undertake the supply/ work.
 - b. Detailed technical specifications of equipments.
 - c. Technical literature/ catalogue alongwith offer.
 - d. Satisfactory performance certificate from their customer for same/ similar supply/ service must be enclosed alongwith the technical bid.
- 10) Your tender must be valid for **minimum 90 days** from the date of opening of tender.
- 11) Please mention warranty/ guarantee in your offer clearly. Material/ equipment to be supplied must have minimum warranty/guarantee of **12 months**.
- 12) *Each page in the bid document should be numbered properly.*
- 13) **The items/ materials shall be required to be delivered at AChem Department/ Section through Purchase & Store Section, IIT (ISM) Dhanbad** at the risk and cost of the tenderer.
- 14) Unloading & installation shall be the complete responsibility of the supplier.
- 15) The stores are required to be delivered within 90 days. Late delivery may not be accepted.
- 16) The items offered should be of good quality confirming to BIS standards, wherever applicable.
- 17) **Advance payment is not admissible.** Payment shall normally be made within 3-4 weeks subject to receipt and acceptance & installation (as per Purchase Order Terms) of the ordered materials/items.
- 18) In the event date on which the tender is opened for acceptance is declared to be a holiday, the tenders shall be deemed to remain open for acceptance till the next working day.
- 19) Please send your offer by Regd.Post/ Speed Post/ Courier along with Courier receipt. Tender/ quotation will be received during IIT (ISM) working hours only (i.e. Monday to Friday). *Late or delayed tenders shall be summarily rejected.*
- 20) Any other information that you may like to obtain, you are free to contact IIT (ISM) before submission of tender.
- 21) IIT (ISM) reserves the right to accept and/or to reject any/ all tenders without assigning any reason.


Asst Registrar (P&S)
P: 0326-2235612
F: 0326-2296633
E: drps@ismdhanbad.ac.in

Annexure I:

Specification for rotary evaporator with heating bath and re-circulating chiller:

Rotary Evaporator with heating bath:

1. Manually elevate by the micro lifting switch, one hand operation.
2. Max. lift stroke: 150 mm.
3. Clockwise / anticlockwise (both) rotation of the evaporating flask.
4. Separated heating bath with both oil and water application.
5. Automatically shut down in case of the bath dried.
6. Digital LCD display of rotation speed and heating temperature.
7. Rotation speed: 20-260 rpm.
8. Heating temp. : Ambient- 180°C
9. Temperature accuracy: $\pm 1^{\circ}\text{C}$ (H_2O) & $\pm 2^{\circ}\text{C}$ (Oil)
10. Bath material: Teflon coated.
11. Bath volume : 5 liters
12. Condenser: Vertical type
13. Evaporation speed: 20 ml/min (H_2O)
14. vacuum seal (01 no.) and stop cock (01 no.) extra along with the basic instrument
15. The system should be CE marked and ISO Certified.

Recirculation chiller:

1. Bench top Model.
2. CFC Free Refrigeration.
3. Temperature range: -5°C ~ambient
4. Temperature control mode: PID
5. Temperature stability: $\pm 0.3^{\circ}\text{C}$
6. Display resolution: 0.1°C
7. Refrigeration capacity@25°C: 500W
8. Pump capacity: 4.5 L/min @10 psi.
9. Max. pressure: 10 psi.
10. Cooling mode : Compressor cooling
11. The system should be CE marked and EC directives are complied with CE.

User interface:

1. Minimum one year comprehensive warranty
2. All the systems should be operated on 220-240 V/ 50-60 Hz.
3. All required Technical Brochures (printed in company original brochures) document, manual, information should be provided along with the Technical Bid as a proof for technical evaluation. Without company brochure, the quotation for technical evaluation will be not considered.