

No. F5(866)ST/MNIT/Chem/2019

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NOTICE INVITING QUOTATIONS

1. REGISTRAR, MNIT, JLN Marg, Jaipur invites sealed tenders for the supply of **“Rotary Vacuum Evaporator”** for **Chemical Engineering Department** of this Institute in **Single bid system**. As per schedule given below

Event	Date & Time
Download of Tender	12.07.2019
Bid submission	05.08.2019 by 2.00 PM
Quotation will be opened at	05.08.2019 at 3.00 PM
Earnest Money	Rs.13,000/- in the name of The Registrar, MNIT and payable at Jaipur (Kindly attached the RTGS details with cancelled cheque along with the Earnest Money)

Quotation must be enclosed in a properly sealed envelope addressed to the MNIT, Jaipur with kind attention to Deputy Registrar (S&P), MNIT, Jawahar Lal Nehru Marg, Jaipur -302017 by designation and not by name. The quotations must be super scribed “Quotations for the supply of **Rotary Vacuum Evaporator** ----- as called for in Tender Notice No. ----- dated _____”DUE ON----- AT -----AM/PM. The Quotation must reach on or before -----AM/ PM on or before the due date and time mentioned in the tender notice/tender document. The documents must be dropped in the tender box available in Central Store during office hours (9.30am to 6.00pm) on all working days. Bids delivered to any other place or any individual shall not be considered as valid document. Quotations sent by e-mail will not be considered valid. Tender documents may be downloaded from institute’s web site www.mnit.ac.in and CPPP site <https://eprocure.gov.in/epublish/app>

2. **THE RATES QUOTED SHOULD BE F.O.R. JAIPUR inclusive of all charges related to transportation from your end to MNIT, Jaipur in local currency. For imported items, the rates are to be quoted FOR destination (MNIT, Jaipur) only. In case the rates are quoted CIF/CIP New Delhi, then it will be the responsibility of the supplier to intimate us well in advance prior to dispatch and submission of all the relevant documents in time which will be required in clearing the consignment from Custom. If, there is delay in sending the documents and demurrage is imposed, then it will be in the account of foreign supplier. Kindly note that if any amendment is required in LC, after its establishment, the Bank Charges in this respect will be in the account of beneficiary only.** The rates and units shall not be overwritten. Quotations shall always be both in the figures and words. The words “No quotations” should be written across any or all of the items in the schedule for which a tender does not wish to tender.
Cost of each item should be quoted separately giving the unalterable delivery period. Rates of imported goods must be quoted excluding custom duty & GST as this institution is exempted from payment of custom & GST.

3. As far as possible, quotations should be given for goods of India manufacture which are readily available. Foreign goods quoted and proposed to be supplied should be covered by normal import quota of the dealer. This institute is exempted from payment of custom duty.
4. Detailed specifications and "make" of each item should be clearly given supported by the illustrated pamphlets wherever possible. Quotations without specifying the make and other particulars may be rejected. The accessories included in the equipment should also be clearly mentioned.
5. Losses or damage in transit will be in to the account of the supplier in case of rates **F.O.R. JAIPUR**. The supplier may, if he so desires, get the goods insured and include such charges in the tendered rate.
6. The payment for the ordered items would be made after the articles have been received and found in order. **Payment will be made by RTGS. Kindly send the RTGS details and cancelled cheque along with the Invoice. The payment to foreign supplier will be made through FDD/Wire Transfer OR Letter of Credit as the case may be.**
7. Your rates should be valid at least for three months from the last date of opening of bid.
8. All legal proceedings, if necessity arises to institute may be any of the parties (Institute or Contractor/Supplier) shall have to be lodged in the courts situated at Jaipur and not elsewhere.
9. The institute is not bound to accept the lowest tender and may reject any tender or any part of the tender giving justification for such an action.
10. The quotations should preferably be sent duly typed.
11. (a) The Penalty Clause is as under :-

If the seller fails to deliver any or all of the Goods/Services within the original /re-fixed delivery period specified in the Purchase Order, this Institute will be entitled to deduct/recover the Liquidated Damages for the delay at the following percentage:

(i)	Delay up to one month	1%
(ii)	Delay exceeding one month but not exceeding two month	2%
(iii)	Delay exceeding two month but not exceeding three month	5%
(iv)	Delay exceeding three month	5% for each month and part there of subject to maximum 10%

- (b) In case of failure to supply the goods within the prescribed time and in accordance with the specifications give in the Quotations, the institute shall be free to cancel the order and make purchases from the next higher tenderer or from the open market as the case may be. In that case the loss sustained by the institute shall be recovered from the defaulting supplier. The institute will be at liberty to recover the loss from the permanent earnest money/or any other pending claims of the supplier without prejudice to its general right to affect recovery from the supplier.
12. The prospective bidders can be those who are the manufacturers of the equipment. For items manufactured outside India, the manufacturer itself can be a bidder or its authorised Indian agent can bid on behalf of its Principal that is the manufacturer.
13. In the event, the country of origin of goods is India, only the manufacturers shall be considered eligible for bidding. Authorised agents of Indian manufacturers may be permitted to submit the bid, provided the concerned manufacturer states that as its policy, it does not bid itself in India and that there is no qualitative difference between manufacturer and its agent as bidder in respect of quality of

supplies, cost, and responsibility of maintenance and servicing. The Indian manufacturer must describe the alternatives in clear terms, in the event the bidding agent ceases to continue as agent of the concerned manufacturer within the stipulated warranty period.

14. If any Indian manufacturer requires importing an essential part from a foreign country, the said company may be given to enjoy the benefit of customs duty exemption with the aid of CDEC of MNIT, Jaipur provided the import of the concerned item is done on behalf of MNIT, Jaipur.

15. **Quotation will be submitted in the following manner:**
 - a) Bidder shall enclose Earnest Money Deposit (EMD).
 - b) Bidder must be a manufacturer/authorized distributor/ Dealers must enclose a certificate of authorization of manufacturer with the bid.
 - c) All Indian agents of foreign company must provide valid proof that they are the agent in India on behalf of the manufacturer; any proof without due certification from the manufacturer under their own letter head shall be void *ab initio*.
 - e) One declaration by the Manufacturer to the extent that in case of failure of its local agent /office to provide service support to the satisfaction of MNIT Jaipur, it shall make immediate arrangement for required service support.
 - f) **Bidder should enclose technical compliance from the Manufacturer. The specifications of items should be strictly as specified. Deviation, if any may please be mentioned separately. If there is no deviation than it should be mentioned as “No Deviation”.**
 - g) The leaflets catalogue, related to quoted equipment/model etc. should be sent invariably, so that a proper evaluation of the equipment offered is possible.
 - h) Mention must be made of the pre-installation requirements for the equipment quoted viz. ambient temperature, humidity, weather specifications, power specifications, civil works etc. When items are provided full performance satisfaction should be demonstrated.
 - i) Bidder must enclose the acceptance of terms and conditions and must enclose the duly signed and stamped tender document.
 - j) All the Annexure enclosed should be duly filled up and signed.
 - k) Please attach proof/certificate of each condition required in the tender document.

16. **Delivery Period:-** The ordered quantity of stores must be delivered within 6 to 8 weeks in the case of indigenous equipment and 14 to 16 weeks in the case of imported equipment, F.O.R. Destination MNIT, Jaipur at Supplier’s Risk within the period specified and got inspected as the delivery of store is required urgently and as such the renderers should quote their earliest delivery period accordingly. The extension of delivery period after placing the PO, if required, will be considered only on genuine reasons and proper justifications only.

17. **Installation:** - Successful BIDDER shall depute concerned specialist, for supervision of erection & commissioning of the machine to be carried out as and when necessary. The successful BIDDER shall make necessary arrangements during the entire warranty period at their own expenses for stay, transport and other expenses of their specialist during their stay in Jaipur;

18. **Performance Bank guarantee**
Successful Bidder has to Provide Performance security @ 10% of the equipment cost, valid for 03 Year + 60 days in the form of Bank's Guarantee from a commercial bank within 15 days from the date of issue our Purchase Order.
19. EARNEST MONEY: A Demand Draft/Banker's Cheque or Bank Guarantee of Rs. 13,000/- from a Commercial bank only in the name of the Registrar, M.N.I.T. and payable at Jaipur may please be sent along with your tender as Earnest Money **without which no tender shall be considered. Cheques are not accepted as earnest money amount.** No interest is paid by us on the amount of earnest money. **Kindly attached the RTGS details with cancelled cheque along with the Earnest Money.**
20. **Arbitration Clause: - In the eventuality of any dispute, the sole Arbitrator shall be Registrar, MNIT, Jaipur and his decision shall be binding on all the parties.**
21. While submitting the tender, the **GST Registration No. & E-mail Address** is to be mentioned by the bidder positively. Failing this, there bid will be treated as non responsive. & Kindly provide
22. Specification Enclosed as annexure 1st

Deputy Registrar
(Store & Purchase)

Sr. No.	Item Specification	Qty
01	<p>Item Name: “ Rotary Evaporator”</p> <p>General Specifications:</p> <ol style="list-style-type: none"> 1. Rotation Speed up to 280 RPM, Vertical condenser with Condenser surface area of 1400 cm² or more. 2. It should have integrated control panel with digital LCD display in front of main machine to control and adjust rotation and heating temperature. 3. Evaporation rate: <ol style="list-style-type: none"> a) Toluene – 5.0 lph or higher b) Acetone- 5.0 lph or higher c) Ethanol- 2.5 lph or higher d) Isopropanol – 4.0 lph or higher e) Water – 1.2 lph or higher 4. Rotary Evaporator condenser: 50ml, 250 ml and 1 litre Evaporating flask and 250 ml and 1 litre receiving flask. 5. Convenient Motor Lift and Auto lift of flask during power failure, height adjustment by press of a button (motor lift). 6. Universal Heating bath temperature of 20-210 Degree Centigrade or wider range starting from 20 degree C 7. Bath Temperature Accuracy $\pm 1^{\circ}\text{C}$. 8. Heating bath should accommodate atleast 4litre flask or of higher volume and allows for atleast 200mm horizontal extension or more 9. Heating bath should have safety handles and drain spout available 10. Heating bath should have cut-off at 5 Degree Centigrade over set temperature and Secondary over temperature cut-off of 250 Degree Centigrade. 11. Rotation Speed: 10-280 RPM 12. Should have Stand with clamp to support condenser as a standard supply 13. Should have Integrated clamp to hold evaporating flask 14. All parts which are in contact with the media should consist of GRAPHITE filled PTFE Vacuum seal. 15. Should have vapour tube with sleeve to add more strength and easily removable from the drive. 16. The control panel should be in accordance with IP 42 to protect electronics control panel from water splash and the optional extension cable to allow to place the control panel outside closed laboratory hoods. 17. To prevent short circuits and corrosion, the cable coupling should comply with the protection class IP 67 or better. <p>Vacuum pump with manual or digital vacuum controller.</p> <ol style="list-style-type: none"> 1. Chemical resistant Two-stage Diaphragm pump 2. Suction capacity should be 2 m³/h or more. 3. Ultimate vacuum should be 7 mbar or better. 4. Vacuum pump should be valve controlled vacuum pump for use of other applications also. <p>Chiller</p> <ol style="list-style-type: none"> 1. Cooling capacity of 350 W or more. 2. It should be equipped with control panel along with LED display and membrane keypad for monitoring the tempering liquid level 	01 Nos

	<ol style="list-style-type: none">3. should have Automatic start and shut down feature4. Temperature range from -10 °C to +40 °C5. Temperature stability of ± 0.5 K6. Cooling capacity at +20 °C: 350 W or more7. Pump pressure max. Should be 0.35 bar or more.8. Flow rate of chiller should be 9lpm or more.9. Thermal fluid fill volume should be 4 – 7 lit <p>Note-The manufacturer firm for above should have ISO, CE & IEC 61010-1-2001 & IEC 61010-2-010:2014 certificate</p> <p>Warranty should be 3 years.</p>	
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