

INDIAN INSTITUTE OF TECHNOLOGY DHARWAD



॥ सा विद्या या विमुक्तये ॥

भारतीय प्रौद्योगिकी संस्थान धारवाड
Indian Institute of Technology Dharwad

TENDER DOCUMENT FOR

**SUPPLY, INSTALLATION & INTEGRATION OF ROTARY EVAPORATOR
ALONG WITH VACUUM PUMP, VACUUM CONTROLLER AND CHILLER AS
PER ANNEXURE-1**

Tender No. IITDh/CH/Chemistry Lab/09/2018-2019

Important Information

- 1 Last Date and Time for Submission of Tender : 11/08/2018
- 2 Address for submission of bid documents : The Officer on Special Duty
Admin, Fin & Contracts
Near High Court, P B Road
IIT Dharwad, Dharwad,
Karnataka – 580011
- 4 Venue for opening of Technical Bid : Same as above
- 5 Time of completion of Work : With in 6 weeks from the date of issue of
purchase order

Tender Notice

Supply, Installation & Integration of Rotary Evaporator along with Vacuum Pump, Vacuum Controller and Chiller as per Annexure-1

Indian Institute of Technology Dharwad invites sealed tenders (under single bid system) from original Manufacturer/authorized Dealer for procurement of ‘Supply, Installation & Integration of Rotary Evaporator along with Vacuum Pump, Vacuum Controller and Chiller as per Annexure-1 as per the Terms and Conditions & Specification given in the schedule annexed to the tender hereto. Detailed tender notice can be downloaded from the website of the Institute at: www.iitdh.ac.in/announcements/tenders.

Requirement of the items as per the specification enclosed at Annexure I

SI No.	Particulars of the item	Quantity Required
1	Supply & Installation of Rotary Evaporator as per Annexure-1	02
2	Supply & Installation of Vacuum Pump as per Annexure-1	02
3	Supply & Installation of Vacuum Controller as per Annexure-1	02
4	Supply & Installation of Chiller as per Annexure-1	02

Time schedule for various bid related events

SI No.	Event	Time and Date
1	Last date of submission of tender	11-08-2018

Presence of the bidder or his/her authorized representative at the time of opening of the Commercial bid is preferable.

The right to suspend the tender process or part of the process, to accept or reject any or all the tenders at any stage of the process and/or to modify the process or any part thereof at any time without assigning any reason thereto vests with IIT Dharwad without any obligation or liability whatsoever.

Following is the procedure for submission of Tender and other important conditions to be fulfilled by the tenderer. Every page containing the said procedure for submission of tender and other important conditions are to be signed by the tenderer and to be submitted along with their

Technical bids towards their acknowledgement that they have gone through all the contents in these pages and in the schedules as well and they are agreeing to comply.

Single Bid System

The offer/bids are to be submitted under a single bid system.

Sealing & Marking of BID

The tender should be submitted in a proper format with index label for easy identification as given below:

Envelope Number	To be Super-scribed as
A	EMD for Tender
B	Detailed technical brochure having all technical specifications
C	Commercial Bid

Envelope A (duly sealed): should contain Demand Draft towards Earnest Money Deposit.

Envelope B (duly sealed): should contain the documents as listed in Technical Bid below.

Envelope C (duly sealed): should contain the document as listed in Commercial Bid below.

All the above three envelopes should clearly be marked on top with the following:

- the type of the envelope (i.e., A, B or C)
- details of the contents in the envelope
- name of the agency submitting the bid

All the envelopes (A, B & C), including the bigger envelope shall be addressed to:

The Officer on Special Duty
IIT Dharwad
Admin, Fin & Contracts, Near High Court
P B Road, Dharwad - 580011

The bigger envelopes must be sealed and must bear the following identification on top:

- Tender for Supply, Installation & Integration of Rotary Evaporator along with Vacuum Pump, Vacuum Controller and Chiller as per Annexure-1
- Tender Number: _____ Date: _____
- Name and Address of the Bidder (on the bottom left of the envelopes)

If the outer envelope is not sealed and marked as above, the Institute will assume no responsibility for the misplacement or premature opening of the Bid.

Submission of Tender

The tender can be personally dropped in the box to be kept in on all working days (except Saturday, Sunday & Holidays) between 10.00 am and 1.00 pm in the forenoon and 3.00 pm and 5.00 pm in the afternoon session on or before the date and time as specified in the

Tender Notice. The tender can also be sent by register post to “The Officer on Special Duty, Admin, Fin & Contracts, Off Pune Bengaluru Highway (AH 48), Next to Dharwad High court, Dharwad - 580011, Karnataka. Tender shall not be received after expiry of the time as specified on the 1st page of the tender notice.

Earnest Money Deposit (EMD)

₹ 28,000/- (Twenty-eight Thousand only) in the form of a Demand Draft drawn in favor of “Dean, IIT Dharwad” and payable at any nationalized bank at Dharwad. Photocopy / Fax copy of the demand draft will not be accepted. Any tender without EMD would be considered as “**DISQUALIFIED**” and hence would be **REJECTED**.

Return of EMD

- The EMD of the unsuccessful bidders will be returned to them without any interest on receipt of written request from them within thirty days after awarding the contract to the successful bidders.
- The EMD of the successful Bidder will be converted into Performance Security Deposit and will be returned to them without any interest after completion of the contract successfully.

Forfeiture of EMD

After receiving the Purchase Order, if the Manufacturer is unable to execute the order satisfactorily, the Earnest Money Deposit will be forfeited and the Institute will be constrained to take necessary action against the Agency.

Rejection of Tender

In the event of the following, the Bid of a tenderer will not be considered at all and will in fact be summarily rejected and all the documents will be returned on a subsequent date as would be found suitable by the Committee:

- a. If the Demand Draft towards payment of EMD is not put separately in the bigger envelopes as instructed; and/or
- b. If it is to be presumed that the Demand Draft towards EMD is kept inside the sealed envelopes containing Commercial Bid; and/or
- c. If the Demand Draft towards EMD is not valid and acceptable; and/or
- d. If without breaking seal of the other envelopes it cannot be detected which envelopes contains Commercial Bid; and/or
- e. If any price element is found understandable in any way from any paper other than Commercial Bid.

On verifying, each and every point as mentioned above, the Commercial bid will be opened to examine all the documents and to decide on all related aspects as per Institutes specification and requirements

1. **Opening of Commercial BID:** The offer/bid will be opened by a Committee, as would be constituted by the competent authority, at a pre-defined place, time and date in the presence of all such bidders and / or their authorized representatives. The Commercial Bid of the Technically qualified bidder will ONLY be opened. The Commercial Bid should be submitted as per the format enclosed with the tender document on the letter Head of the Firm/Agency. The rate should be clearly submitted with breakup of Basic Price, GST, etc. Commercial Bid in any other form will not be accepted and be SUMMARILY REJECTED.
2. **BID Validity:** The Bid shall remain valid for the period not less than six (6) months after the last date set for bid submission. A bid submitted for a bid validity of shorter period may be rejected as non-responsive.
3. **Late BID:** Any bid received after the dead line as prescribed in the tender notice will be treated as late bid and will not be considered.
4. **Acceptance and Rejection:** The right to shortlist/reject any or all the tenders and/or to accept the whole or any part of the tenders without assigning any reason whatsoever would vest with the management of IIT Dharwad.
5. **Delivery Period:** 6 weeks from the date of placement of Purchase Order. On completion of the manufacturing of the item ordered for, the Manufacturer(s) will have to inform the same to the Dean (AP), IIT Dharwad, Near Dharwad High Court, Dharwad – 580011 in writing, who will instruct the Manufacturer about the location for delivery of the materials and date of delivery.
6. **Freight & Insurance:** No freight and insurance charges will be provided and the materials are to be delivered at IIT Dharwad, as may be desired by the IIT Dharwad at the cost and risk of the Manufacturer.
7. **Warranty Declaration**
 - The Bidder/Manufacturer must give a comprehensive on-site THREE YEARS WARRANTY of the items from the date of delivery/installation of the item against any manufacturing defect and also give the warranty that everything to be supplied by them shall be free from any defects and fault in materials, workmanship and shall be of the highest quality and materials of the type ordered shall be in full conformity with the specifications. A Bond is to be signed /executed by the supplier to this effect.
 - Any deviation in the equipment, and the specification from the accepted terms and conditions may be liable to be rejected and the bidder/manufacturer need to supply all the items in the specified form to the satisfaction/specifications specified in the order and demonstrate at their own cost. The payments shall be made only after receiving the materials as per required specification and quality to the satisfaction of the competent authority of IIT Dharwad.
8. **Failure of Order Execution:** If a successful bidder after receiving the order fails to execute the order within the stipulated period or does not fulfill any of the terms and conditions in any respect, the Institute/ reserves the right to cancel the order unilaterally and forfeit the EMD amount.
9. **Payment Term:** 90% payment shall be made after successful delivery & installation of the equipment at IIT Dharwad, balance 10% of the amount will be

released against submission of Warranty Bank Guarantee (WBG) to the tune of 10% of the total purchase order value valid for three years. The WBG should be issued by any nationalized bank and validity of the WBG will be till the expiry of the warranty period. No advance is payable against part supply of any items.

10. **Liquidated Damages:** The equipment should be delivered/dispatched to destination and ready for use not later than the delivery period specified. If the Manufacturer fails to deliver any or all the stores or perform the service by the specified date, liquidated damages @2% per month or part thereof in respect of the value of the delayed stores will be deducted from the bill subject to a maximum of 10%.
11. **Final Selection and Award Criteria (L-1 Criteria):** The decision of the Competent authority will be final in awarding the order.
12. **Dispute and Jurisdiction:** Any legal disputes arising out of any breach of contract pertaining to the whole process of this tender shall be settled in the court of competent jurisdiction in the district of Dharwad, Karnataka.
13. **Acknowledgement by the Tenderer:** It is hereby acknowledged that we have gone through all the schedules as well as the conditions mentioned above and we agree to abide by these.

Date:

Signature of the Tenderer along with official seal

Place:

CANVASSING OR OFFER OF AN ADVANTAGE OR ANY OTHER INDUCEMENT BY ANY PERSON WITH A VIEW TO INFLUENCING ACCEPTANCE OF A BID WILL BE AN OFFENSE UNDER LAWS OF INDIA. SUCH ACTION WILL RESULT IN THE REJECTION OF BID, IN ADDITION TO OTHER PUNITIVE MEASURES RESERVED BY THE IIT DHARWAD WITHOUT ANY OBLIGATION OR LIABILITY WHATSOEVER.

Enclosures: Specifications at Annexure-1

OSD (AFC)

For and on behalf of Director, IIT Dharwad

SI No.	Description	Information		
1	Name			
2	Address (with Contact number and mail ID)			
3	Address of the Factory site (with contact number)			
4	Name of the Proprietor with Mobile Number			
5	Name of the authorized Representative with designation and Mobile Number			
6	Trade license Number (copy to be enclosed)			
7	Permanent Account Number (copy to be enclosed)			
8	GST Registration Number (copy to be enclosed)			
9	Up to date VAT & GST (copies to be enclosed)			
10	Audited Statement of Accounts submitted for last three years (copies to be enclosed)			
11	Proof of bulk supply of similar stores in the last three years enclosed?			
12	Average annual turn-over during last three years (Rupees to be shown in crores)	2015 – 16	2016 – 17	2017– 18
14	Details of EMD	₹: Bank: DD No.: Date :		
15	Any other information			

Acknowledgement: It is hereby acknowledged that I/We have gone through all the schedules as well as the terms and conditions laid down in the tender notice for procurement of the items for IIT Dharwad.

Declaration: I/We do hereby declare that the above information submitted by me/us are true to the best of my/our knowledge and I/We have submitted the documents in support of all the information asked for. I/We also agree to the condition that the right to suspend the tender process or part of the process, to accept or reject any or all the tenders at any stage of the process and/or to modify the process or any part thereof at any time without assigning any reasons thereto is reserved by the Competent authority of the Institute without any obligation or liability whatsoever.

Date: _____ Signature of the Bidder/Manufacturer along with official seal

Place: _____

Commercial BID

(To be typed on the letter head of the Bidder/Manufacturer)

To

The Officer on Special Duty
Admin Fin & Contracts
IIT Dharwad

Subject: Supply, Installation & Integration of Rotary Evaporator along with Vacuum Pump, Vacuum Controller and Chiller as per Annexure-1

Ref.: Tender Notice No. _____, Date _____

Sir,

I/We do hereby submit our Commercial Bid for the Rotary Evaporator, Vacuum Pump, Vacuum Controller and Chiller as per Annexure-I against the tender notice under reference.

[Mention all figures in Indian Rupees, Include all charges]

SI No.	Description	Quantity	Basic Rate	GST	Other Charges	Total Price per Unit
1	Supply & Installation of Rotary Evaporator as per Annexure-1	02				
2	Supply & Installation of Vacuum Pump as per Annexure-1	02				
3	Supply & Installation of Vacuum Controller as per Annexure-1	02				
4	Supply & Installation of Chiller as per Annexure-1	02				

Validity of Offer:

Other Conditions:

Declaration: I/We do hereby accept all the terms and conditions laid down in the tender notice for the above said supply. I/We also agree to the condition that the right to suspend the

tender process or part of the process, to accept or reject any or all the tenders at any stage of the process and/or to modify the process or any part thereof at any time without assigning any reasons thereto is reserved by the Competent authority of the Institute without any obligation or liability whatsoever.

Date: Signature of the Bidder/Manufacturer along with official seal

Place:

ANNEXURE - 1

Specifications

Complete solution (**rotary evaporator, vacuum pump, vacuum controller, chiller**) from the same source of manufacturing is required for better compatibility & integration.

- Warranty for complete solution: 3 Years

Specifications of Rotary Evaporator

- Operating voltage/ Frequency: 100–240 V, 50Hz
- Rotation Speed up 10-280 RPM or better
- Heating bath: Control Temp. range: 20 °C-95 °C or more
- Evaporation flask from 50-4000 ml or more
- Bath capacity: minimum 4 liters
- Should be able to easily distil high boiling pointy solvents like DMSO/DMF
- 1 litre (No – 1) Evaporating flask and 1 litre receiving flask (No – 2) as standard along with instrument
- Cooling surface area – 1200 cm² or better
- PTFE or PTFE + FKM vacuum seal for long life and maximum tightness of system
- Instrument should have ISO 9001:2008, CE certification

Specifications of Vacuum Pump

- Should be able to accommodate the vacuum controller; to control through Valve or Speed
- Ultimate vacuum in the range of 7 mbar
- Connection Voltage – 100-240 V, 50/60 Hz

Specifications of Vacuum controller

- Pressure settings and aeration is managed via buttons/knob
- Measuring and control Range: 1000-1 mbar
- Should stop the process after pre-set time
- Set and actual value of pressure are shown simultaneously on display.

Specifications of Chiller

- Temperature range: -10°C to RT or more
- Coolant Volume: minimum 3 Liters
- Digital display for set and actual temperature
- Tubings for Vacuum and Water connections to be provided from manufacture