



सी.एस.आई.आर.-केन्द्रीय औषधि अनुसंधान संस्थान  
(पैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)  
बी.एस. 10/1, सेक्टर 10, जानकीपुरम विस्तार, सीतापुर रोड, पोस्ट बाक्स नं. 173, लखनऊ - 226021 (भारत)  
**CSIR-Central Drug Research Institute**  
(Council of Scientific & Industrial Research)  
B.S. 10/1, Sector 10, Jankipuram Extension, Sitapur Road, Post Box No.: 173, Lucknow- 226021 (India)  
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Gram : CENDRUG, Web : <http://www.cdriindia.org>



No: 2018-19/IND58236

Date: 08/03/2019

**Sub : Request for Pro-forma Invoice through e-tender**

Dear Sir

This Research Institute is interested in purchasing of the items mentioned below. You are therefore requested to forward a pro-forma invoice along with your terms & conditions of supply & payment. Please provide a copy of the technical literature and the specifications of these items.

Please read carefully the terms and conditions mentioned below and submit your pro-forma invoice/quotation accordingly.

SNo.	Name of Item	Catalog No	Qty
1	Rotary Evaporator Bundle with Chiller and Vacuum Pump	As per specification	1

Only one offer should be given against each item of NIT. Quotations giving multiple offers are liable to be summarily rejected

**TERMS & CONDITIONS FOR TENDERS**

1. Technical Compliance Sheet to mention Page number in Original Manufacturer's Brochure evidencing CDRI Tender Specification Compliance (BIDS without this will be rejected)
2. No FREE ITEMS TO BE GIVEN outside the scope of Tender Specs.
3. Price bids must be on
  1. FOR, CDRI Stores, Lucknow for all Indigeneous Items including all Taxes and Duties.
  2. FOB, International Gateway Airport ( Incoterms2000) for Imports
4. Samples, if called for, shall be submitted free of charge.
5. Please attach compliance sheet showing compliance to CDRI specification with Brochure from Manufacturer .
6. Performa Invoice received after due date will not be considered under any circumstances.
7. Defective materials must be replaced on F.O.R. CDRI Stores/ DDP basis (Inco terms 2000) within 30 days of preliminary inspection and intimation to the vendor.
8. Your Quotation must be reach directly to CDRI from you only through online. If quotation is submitted by Indian representative/agent then they must have to produce an authority certificate of principal for submitting offer against this Tender and mention Agency Commission in the Quotation.
9. The rate quoted should be as indicated for CDRI, LUCKNOW including Freight, Taxes and Duties etc. The rate should include packing and forwarding charges in the case of F.O.R. LUCKNOW quotation, Insurance should also be covered. The goods should be insured in your favour and for all risks on warehouse to warehouse basis. Tenders not adhering to these conditions are liable for rejection.
10. Warranty period i.e. ONE YEAR AFTER Installation must be complied.
11. The offer should be valid for at least THREE months from the date of opening of the quotations.
12. The RATE OF SALES TAX/GST should be clearly indicated wherever, chargeable. This office is not eligible to issue C or D. The RATE OF VAT/GST must be clearly mentioned in the offer.
13. Specific mention should be made whether the delivery will be ex-stock or will have to be imported or obtained from the Works and how much time will be required for delivery after receipt of the order. The delivery time will have to be strictly adhered to in case an order is placed against your offer. Director, CDRI reserves the right to impose penalties and recover DAMAGES FOR DELAYED DELIVERY RESULTING IN LOSS TO CDRI (Max.10%).
14. In case any of the items mentioned above is on the current rate / running contracts with, D.G.S. & D, please quote the R.C. rates, the contract reference and also send a copy of the R.C. We are eligible to draw supplies against R.C.
15. Technical compliance Statement(Format)

Item No.(SR.No.wise)	CDRI Specification(Parameter wise)	Bid specification of M/s.	Remarks(with printed Manufacturer Brochure (OEM)

**16. Evaluation & Comparison of Bids.**

Bids meeting technical parameters and evaluated as responsive will be compared as follows:

**1. INDIGENOUS OFFER**

**FINAL LANDED COST (F.O.R. CDRI Stores) less discount including Freight, Insurance, Taxes, Packing and Forwarding shall be the basis of Evaluation.**

**2. IMPORTED OFFER**

**FOB (Gateway International Airport) Plus 20% (Loading) to cover Customs Duty, Freight, Insurance, Bank Charges(in India), Clearing & Forwarding charges at New Delhi, and cost rate variation thus giving the total landed cost at CDRI, Stores, Lucknow will be the basis of evaluation and price comparison. Cost Rate conversion to INR will be at the Exchange rate (RBI as on Bid opening date.**

17. Payments for supplies will be made direct to the suppliers by crossed Cheque on the State Bank of India, CDRI BRANCH,Lucknow/RTGS only after receipt/issue of the stores/Installation of Equipment in good condition.
18. The acceptance of the quotation will rest with the competent authority of CDRI, who does not bind himself to accept the lowest quotation and reserves the right to himself to reject, or partially accept any or all the quotations received, without assigning any reason. The quotations are liable to be rejected, if any of the above conditions are not complied with. Tenderers conditions printed on the tender or otherwise sent along with the tender shall not be binding on us.
19. Pre-Installation Requirements like Civil, Piping, Electrical, Air-conditioning, Gas etc. must be clearly mentioned in your Quotation.
20. Agency Commission will be paid in INR after acceptance of supplies/installation of equipment at CDRI. The percentage of Agency Commission must be mentioned in the Quotation.
21. If this equipment was sold in India (preferably North India) recently then details of the Suppliers.
22. Bid Security/ EMD : Rs. 12000.00

Customer Name and Address

Item Detail

Total Purchase Order Value

Contact Person

Phone:0522-2772450

Yours faithfully,

Email: spo@cdri.res.in

**Stores Purchase Officer**

## **TECHNICAL SPECIFICATIONS FOR ROTARY EVAPORATOR, VACUUM PUMP, CHILLER**

### **Specification for rotary evaporator**

- Rotation speed up to 280 rpm or better
- Rotation should Microprocessor controlled
- Manual option for quick jack lifting for simple raising and lowering of the flask in case of power failure
- Thermostatic bath or Heating bath with shielding
- Thermostatic bath or Heating bath volume should be 4.5 Litre or more.
- Thermostatic bath or Heating bath should Microprocessor controlled
- Should have an option to maintain temperature of 20 – 95 deg C or better in the thermostatic bath or Heating bath with an accuracy of  $\pm 4$  deg C or better
- Should have display of both set and actual temperature in the Thermostatic bath or Heating bath simultaneously
- Should have a provision for automatic over heat cut-off protection when actual temperature exceeds set temperature or by rapid temperature increase
- Should be able to use different volume flasks (50-5000 ml) without additional connections.
- The glass assembly should be vertical with continuous Vapor Ducting
- All the Glass components should be made of high quality, inert borosilicate glass with 3.3 mm wall thickness or better
- Cooling surface of vertical glass assembly 1200 cm<sup>2</sup> or better
- Appropriate Evaporating Flask and Receiving Flask should be provided in standard scope of supply
- Should have option for lift extension Up to 100 mm or better to allow use of bump traps and glass extenders
- Multifunctional Combi-Clip tool for evaporating flask fixation and removal as well as vapor duct release

### **Specification for Vacuum Pump and Digital vacuum controller**

- Single stroke with Diaphragm vacuum pump
- 2 stage diaphragm made of PTFE
- Single stroke with vacuum pump with a flow rate of 1.5 m<sup>3</sup>/h or better
- Should have a Large Digital display screen
- Should display Vacuum (set and actual)
- Should reach a vacuum of 10 mbar ( $\pm 2$  mbar) or better
- Should occupy the Minimal bench space requirements



### **Specification for Re-circulating Chiller**

- Compact and Robust Re-circulating Chiller with a cooling capacity of 530 Watts or better

- Temperature Range: -5 or better to +25°C or better
- Should display temperature (set and actual)
- Pump Capacity: 3 liters
- The Coolant should of CFC Free

**NOTE:**

- Since vacuum pump and chiller will be connected and used for only rotavapor, all items rotavapor, Vacuum Controller, vacuum pump, and chiller should be quoted by same brand.
- The equipment should be provided with all necessary accessories and spare parts for a fully functional unit. List of consumables and spare parts along with operation and service manuals should be provided along with the instrument.
- The power supply should be 230 V
- Warranty of 1 year or above should be given.
- Detail amount of taxes, packing and forwarding should be included in the quote.
- The machine should be delivered at the CSIR-CDRI at the vendor cost.
- No extra budget allocations will be made after the PO is generated.
- Should have proper service and technical support in local.
- List of installations along with the user's details should be provided.
- At least more than 15 installations in Uttar Pradesh and above 100 in India

Government eProcurement System		Government eProcurement System	
Tender Details		Date : 14-Mar-2019 05:55 PM	
			
 Print			
<b>Basic Details</b>			
Organisation Chain	Council of Scientific and Industrial Research  CDRI-Lucknow - CSIR  Purchase-CDRI - CSIR		
Tender Reference Number	2018-19/Ind58236/Mahesh		
Tender ID	2019_CSIR_24478_1		
Tender Type	Open Limited	Form of contract	Supply
Tender Category	Goods	No. of Covers	1
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No
<b>Payment Instruments</b>		<b>Cover Details, No. Of Covers - 1</b>	
Offline	S.No	Instrument Type	Cover No
	1	Demand Draft	Cover
			Document Type
			Description
			1
			Fee/PreQual/Technical/Finance .pdf
			.pdf
			Credential of Firm
			Technical and Financial bid
<b>Tender Fee Details, [Total Fee in ₹ * - 0.00]</b>		<b>EMD Fee Details</b>	
Tender Fee in ₹	0.00	EMD Amount in ₹	12,000
Fee Payable To	Nil	EMD Exemption Allowed	Yes
Tender Fee Exemption Allowed	No	EMD Fee Type	fixed
		EMD Payable To	The Director CDRI
		EMD Percentage	NA
		EMD Payable At	Lucknow
<b>Work / Item(s)</b>			
Title	Rotary Evaporator Bundle with Chiller and Vacuum Pump		
Work Description	Supply of Rotary Evaporator Bundle with Chiller and Vacuum Pump		
Pre Qualification Details	Please refer Tender documents.		
Independent External Monitor	NA		
Tender Value in ₹	5,90,000	Product Category	Miscellaneous Goods
Contract Type	Tender	Sub category	NA
Location	CSIR-CDRI	Period Of Work(Days)	90
Pre Bid Meeting Address	NA	Pre Bid Meeting Place	NA
Should Allow NDA Tender	No	Bid Opening Place	CSIR-CDRI
		Prequalification Approval Date	NA
		Allow Preferential Bidder	No
<b>Critical Dates</b>			

<b>Publish Date</b>	14-Mar-2019 06:00 PM	<b>Bid Opening Date</b>	05-Apr-2019 09:00 AM
<b>Document Download / Sale Start Date</b>	14-Mar-2019 06:25 PM	<b>Document Download / Sale End Date</b>	03-Apr-2019 06:00 PM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	14-Mar-2019 06:45 PM	<b>Bid Submission End Date</b>	03-Apr-2019 06:00 PM

**Tender Documents**

<b>NIT Document</b>	<b>S.No</b>	<b>Document Name</b>	<b>Description</b>	<b>Document Size (in KB)</b>
	1	Tendernotice_1.pdf	Tender document	561.64

<b>Work Item Documents</b>	<b>S.No</b>	<b>Document Type</b>	<b>Document Name</b>	<b>Description</b>	<b>Document Size (in KB)</b>
	1	Tender Documents	58236.pdf	Supply of Rotary Evaporator Bundle with Chiller and Vacuum Pump	548.94

**Bid Openers List**

<b>S.No</b>	<b>Bid Opener Login Id</b>	<b>Bid Opener Name</b>	<b>Certificate Name</b>
1.	bs.eproc@csir.res.in	Brahma Singh	BRAHMA SINGH
2.	amitkumar.eproc@csir.res.in	Amit Kumar	AMIT KUMAR
3.	anil245.eproc@csir.res.in	Anil Kumar	ANIL KUMAR

**Tender Inviting Authority**

<b>Name</b>	The Store and Purchase Officer
<b>Address</b>	Sector10 Jankipuram Extension Sitapur Road Lucknow 226031

**Tender Creator Details**

<b>Created By</b>	Mahesh Kumar
<b>Designation</b>	Astt. SO
<b>Created Date</b>	14-Mar-2019 05:11 PM