


Government eProcurement System		Government eProcurement System	
Tender Details		Date : 23-Sep-2022 12:35 PM	
 Print			
<b>Basic Details</b>			
<b>Organisation Chain</b>	Council of Scientific and Industrial Research  CDRI-Lucknow - CSIR  Purchase-CDRI - CSIR		
<b>Tender Reference Number</b>	CDRI/2022/16082		
<b>Tender ID</b>	2022_CSIR_129918_1		
<b>Tender Type</b>	Open Tender	<b>Form of contract</b>	EOI
<b>Tender Category</b>	Goods	<b>No. of Covers</b>	1
<b>General Technical Evaluation Allowed</b>	No	<b>ItemWise Technical Evaluation Allowed</b>	No
<b>Payment Mode</b>	Not Applicable	<b>Is Multi Currency Allowed For BOQ</b>	No
<b>Is Multi Currency Allowed For Fee</b>	No	<b>Allow Two Stage Bidding</b>	No
<b>Cover Details, No. Of Covers - 1</b>			
<b>Cover No</b>	<b>Cover</b>	<b>Document Type</b>	<b>Description</b>
1	Fee/PreQual/Technical/Finance	.pdf	Credential of firm
		.pdf	Technical bid
<b>Tender Fee Details, [Total Fee in ₹ * - 0.00]</b>		<b>EMD Fee Details</b>	
<b>Tender Fee in ₹</b>	0.00	<b>EMD Amount in ₹</b>	0.00
<b>Fee Payable To</b>	Nil	<b>EMD through BG/ST or EMD Exemption Allowed</b>	No
<b>Fee Payable At</b>	Nil	<b>EMD Fee Type</b>	fixed
<b>Tender Fee Exemption Allowed</b>	No	<b>EMD Percentage</b>	NA
		<b>EMD Payable To</b>	Nil
		<b>EMD Payable At</b>	Nil
<a href="#">Click to view modification history</a>			
<b>Work / Item(s)</b>			
<b>Title</b>	Rotary Evaporator		
<b>Work Description</b>	EOI for the procurement of Rotary Evaporator		
<b>Pre Qualification Details</b>	Please refer Tender documents.		
<b>Independent External Monitor/Remarks</b>	NA		
<b>Show Tender Value in Public Domain</b>	No		
<b>Tender Value in ₹</b>	6,95,000	<b>Product Category</b>	Miscellaneous Goods
<b>Contract Type</b>	Tender	<b>Sub category</b>	NA
<b>Location</b>	CSIR-CDRI	<b>Bid Validity(Days)</b>	90
<b>Pre Bid Meeting Address</b>	NA	<b>Period Of Work(Days)</b>	60
<b>Should Allow NDA Tender</b>	No	<b>Pincode</b>	226031
		<b>Pre Bid Meeting Date</b>	NA
		<b>Pre Bid Meeting Place</b>	NA
		<b>Bid Opening Place</b>	CSIR-CDRI
		<b>Allow Preferential Bidder</b>	No
<b>Critical Dates</b>			
<b>Publish Date</b>	23-Sep-2022 05:00 PM	<b>Bid Opening Date</b>	05-Oct-2022 02:30 PM

<b>Document Download / Sale Start Date</b>	23-Sep-2022 05:05 PM	<b>Document Download / Sale End Date</b>	03-Oct-2022 01:00 PM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	23-Sep-2022 05:15 PM	<b>Bid Submission End Date</b>	03-Oct-2022 01:00 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	NIT for the procurement of Rotary Evaporator	801.79

<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	Other Document	16082.pdf	EOI for the procurement of Rotary Evaporator	659.49

### Auto Extension Corrigendum Properties for Tender

<b>Iteration</b>	<b>No. of bids required for bid opening a tender</b>	<b>Tender gets extended to No. of days</b>
1.	2	7

### 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.	jp.eproc@csir.res.in	Jai Prakash	JAI PRAKASH
3.	maheshk.eproc@csir.res.in	Mahesh Kumar	MAHESH KUMAR
4.	anilkumar.eproc@csir.res.in	Anil Kumar	ANIL KUMAR

### GeMARPTS Details

<b>GeMARPTS ID</b>	4VQ6SBHTIC4U
<b>Description</b>	Rotary Evaporator
<b>Report Initiated On</b>	07-Sep-2022
<b>Valid Until</b>	07-Oct-2022

### Tender Properties

<b>Auto Tendering Process allowed</b>	No	<b>Show Technical bid status</b>	Yes
<b>Show Finance bid status</b>	Yes	<b>Show Bids Details</b>	Yes
BoQ Comparative Chart model	NIL	BoQ Compative chart decimal places	2
BoQ Comparative Chart Rank Type	NIL	Form Based BoQ	No

### Tender Inviting Authority

<b>Name</b>	The Stores and Purchase Officer
<b>Address</b>	Sector 10 jankipuram Extension Sitapur Road Lucknow

### Tender Creator Details

<b>Created By</b>	Mahesh Kumar
<b>Designation</b>	Astt. SO
<b>Created Date</b>	23-Sep-2022 12:01 PM





सी.एस.आई.आर.-केन्द्रीय औषधि अनुसंधान संस्थान, लखनऊ  
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)  
रोक्टर 10, जानकीपुरम विस्तार, सीतापुर रोड, लखनऊ - 226 031 (भारत)  
**CSIR - Central Drug Research Institute**  
(Council of Scientific & Industrial Research)  
Sector 10, Janakipuram Extension, Sitapur Road, Lucknow - 226 031 (India)



File No: CDRI/2022/16082

Dated: 23.09.2022

Sub- Expression of Interest (EOI) for "Rotary evaporator".

CSIR-Central Drug Research Institute, Lucknow is a premier Research Institute of India pursuing a vision to strengthen and advance the field of drug discovery and development in the country. It is planning to procure the "**Rotary evaporator**" to enhance the capacity of the organisation for Drug Discovery and development (**The Specifications of the proposed System is attached**)

Prospective bidders, those have the instruments are requested to send their only technical proposal alongwith brochure/litlature and a technical compliance chart of their product in the following format submitted on etenders.gov.in up to last submission date.

Sl. No.	Specification/parameter as per this EOI	Available specification in the proposed model by the firm	Deviation/Suggestion	Name & Address alongwith factory address of the OEM	Country of origin

(Stores & Purchase Officer)

भण्डार एवं क्रय अधिकारी  
Stores & Purchase Officer  
केन्द्रीय औषधि अनुसंधान संस्थान  
Central Drug Research Institute  
लखनऊ / Lucknow

## Rotary Evaporator with Vacuum Pump.

### Technical Specification for Rotary Evaporator and Vacuum Pump

S. No.	Specification	Description
1.	Rotary evaporator (Quantity: 1)	<ul style="list-style-type: none"> <li>• Motorized lift with provisions for automatic lifting of the flask in case of power failure and height adjustment by press of a button (motor lift).</li> <li>• The system should automatically remove the evaporating flask from the heating bath at the end of the process.</li> <li>• Rotation speeds up to 280 rpm or better.</li> <li>• SS water heating bath that should accommodate up to 5 liter flasks as a standard.</li> <li>• Heating bath should have safety handles and drain spout available.</li> <li>• There should be touch display for controlling the entire system including the vacuum and the cooling temperature for precise monitoring. Digital display of all process parameters like set and actual values of heating bath temperature, rotation speed.</li> <li>• There should be both options to setting of values either via the touch display or the separate quick access knobs.</li> <li>• There should be option to prevent accidental changing of the values by the lock functions.</li> <li>• The display should be controlling the entire system including the vacuum and temperature.</li> <li>• There should be Digital displays which allow continuous monitoring of the current values and protection class IP 42 to protect the electronics reliably against dripping water and dust.</li> <li>• It should have timer function.</li> <li>• Digital bath temperature displays of both set and actual temperature simultaneously with microprocessor control and heating bath temperature up to 200°C or more with an accuracy of <math>\pm 2</math> °C or better.</li> <li>• Automatic overheat cut-off protection off at 5 °C or less over set temperature.</li> <li>• Heating capacity of 1300 W or higher.</li> <li>• There should be USB and Micro SD interface for easy installation of software updates.</li> <li>• There should be resistant and particularly durable PTFE vacuum seals that can achieve maximum tightness and reduce expenses for spare parts in the long run.</li> <li>• To prevent short circuits and corrosion, the cable coupling should comply with the protection class IP 67 or better.</li> <li>• Evaporating flask from 50-5000 mL or better can be used on the same joint adapter without additional connections. The system should be supplied with 1 liter evaporating flask and 1 litre receiving flask as a standard.</li> <li>• There should be flask clamp Easy-Clip facilitates attaching and changing of the evaporating flask. The mechanism gently separates ground glass joints to prevent glass breakage.</li> <li>• Cooling surface of vertical glass assembly 1400 cm<sup>2</sup> or better with an extra-large top hole (with screw cap) on top of the condenser allows easy cleaning. There should be ground-free condenser design with grease free threaded connections.</li> <li>• A unique mark indicating the maximum condenser load.</li> <li>• Multifunctional Clip tool for evaporating flask fixation and removal as well as vapour duct release</li> <li>• System should have Integrated Customizable solvent library .</li> <li>• Manufacturing firm should have ISO and CE certifications.</li> </ul>

2.	Vacuum pump with controller <b>(Quantity:1)</b>	<ul style="list-style-type: none"> <li>• Chemical resistant Two-stage Diaphragm pump</li> <li>• Suction capacity should be 2 m<sup>3</sup>/h or more.</li> <li>• Ultimate vacuum should be 7 mbar or better.</li> <li>• Vacuum pump should be valve controlled vacuum pump for use of other applications also.</li> <li>• Vacuum pump manufacturing firm should have ISO and CE certifications.</li> <li>• Chemically resistant diaphragm made of PTFE.</li> <li>• Pressure range from 0 to 1,020 mbar.</li> </ul>
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