



Government eProcurement System		Government eProcurement System	
Tender Details		Tender Details	
		Date : 23-Sep-2022 04:28 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/2022/9543		
<b>Tender ID</b>	2022_CSIR_129991_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>	Particle Size Analyser		
<b>Work Description</b>	EOI for the procurement of Particle Size Analyser		
<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>	40,00,000	<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>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>	04-Oct-2022 02:00 PM

<b>Document Download / Sale Start Date</b>	23-Sep-2022 05:15 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 05:30 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 Particle Size Analyser	743.63

<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	EOI9543.pdf	EOI FOR THE PROCUREMENT OF PARTICLE SIZE ANALYSER	1169.04

### 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>	50JSSA92QK3H
<b>Description</b>	PARTICLE SIZE ANALYZER
<b>Report Initiated On</b>	23-Sep-2022
<b>Valid Until</b>	23-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 04:13 PM
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सी.एस.आई.आर.-केन्द्रीय औषधि अनुसंधान संस्थान, लखनऊ  
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)  
सेक्टर 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/2022/9543

Dated: 23.09.2022

Sub- Expression of Interest (EOI) for "Particle Size Analyzer".

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 "**Particle Size Analyzer**" 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)

Features	Technical Specifications
<b><u>PARAMETERS TO BE MEASURED</u></b>	
<b>Parameters &amp; applications</b>	Particle size, zeta potential & molecular mass, of colloidal suspensions, emulsions & dispersions.
<b>Temperature control range</b>	Temperature control range: 0°C to 90°C or better
<b>Condensation control</b>	Purge using dry air
<b>Laser source</b>	Red laser; He-Ne gas laser/semiconductor laser
<b>Detector</b>	Avalanche Photo Diode
<b>Measurement angles</b>	Minimum three fixed angles including back angle.
<b><u>SIZE SPECIFICATIONS</u></b>	
<b>Measuring principle</b>	Dynamic light scattering
<b>Range</b>	0.3 nm to 10 µm or better
<b>Maximum concentration</b>	40% w/v or higher
<b>Minimum concentration (protein)</b>	0.1 mg/ml (lysozyme/equivalent protein) or lower
<b>Minimum sample volume</b>	20 µL or less
<b><u>ZETA POTENTIAL SPECIFICATIONS</u></b>	
<b>Measuring principle</b>	Electrophoretic light scattering using phase angle light scattering or any advance modifications of PALS
<b>Sensitivity</b>	1 mg/ml (lysozyme / protein) or better
<b>Maximum sample conductivity</b>	200 mS/cm or better
<b>Size range suitable for measurement</b>	4 nm to 100 µm or better
<b>Zeta potential range</b>	±500 mV or better
<b>Maximum sample concentration</b>	40% w/v or higher

<b>Minimum sample volume</b>	50 µL or less
<b>Cuvette Type</b>	Disposable, reusable and organic solvent compatible

**MOLECULAR MASS SPECIFICATIONS**

<b>Measuring Principle</b>	Static light scattering
<b>Molecular-mass range</b>	1000 Da – 20 MDa or better
<b>Accuracy</b>	±10% or better

**CUVETTES AND STANDARDS**

<b>Cuvettes</b>	<ul style="list-style-type: none"> <li>• 1000 Nos of disposable type for particle size</li> <li>• 200 Nos of micro cuvettes with sample volume of 50 microlitres or less for particle size</li> <li>• 100 Nos of re-usable type or 500 Nos of disposable cuvettes for aqueous samples for zeta potential</li> <li>• 1 No organic solvent compatible Quartz cell for zeta potential</li> <li>• 3 Nos Glass cuvettes for particle size</li> <li>• 5 Nos of Quartz cuvettes for particle size</li> </ul>
<b>Standards</b>	<ul style="list-style-type: none"> <li>• Standard - 220 nm or suitable NIST traceable standard (15 ml or more)</li> <li>• Standard – Suitable zeta potential reference material (15 ml or more)</li> </ul>
<b>Warranty</b>	Complete instrument should cover warranty of 3 years

**SOFTWARE**

Single, User friendly, preferably windows based presentation of input parameters, results and analysis on a single page, measurement comparisons facility, Customizable templates.

**COMPUTER, PRINTER AND UPS**

Latest Branded (HP, Dell or Lenovo) workstation with following specifications:  
 Intel® Xeon processor 1.7 GHz or higher, internal storage 1.5 TB SATA SSHD or higher, Computer memory 16 GB or higher, Pro 64, graphics card, capable of wifi connectivity, Operating system Windows 10 and genuine MS office latest version, Wireless Keyboard & Mouse.  
 Monitor: Full HD, 22 inch or higher  
 4 TB External hard drive, USB 3.0 For data backup  
 Printer: Laser printer capable of two sides printing automatically.  
 Suitable branded 3 KVA online UPS with inbuilt batteries with 30 minutes or more backup e.g., APC, Luminous, Microtek, Hitachi.

**INSTRUMENT'S INSTALLATION QUALIFICATION**

IQ, OQ, PQ document to be provided by the vendor. NIST certified reference standard to be used and provided by the vendor. Copy of complete installation report to be submitted by vendor.

*As per our knowledge...*



सीएसआईआर-केन्द्रीय औषधि अनुसंधान संस्थान  
CSIR-CENTRAL DRUG RESEARCH INSTITUTE

(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)

वैज्ञानिक एवं अनुसंधान परिषद

जानकीपुरम विस्तार सीतापुर रोड, लखनऊ/Jankipuram Extension, Sitapur Road, Lucknow- 226 031

(उत्तर प्रदेश/UTTAR PRADESH)भारत/India

File Ref : CDRI/2022/ERP-9543

Date: 23/09/2022

**NOTICE INVITING TENDER (NIT)**

Online EOI are invited on behalf of Director, CSIR-CDRI, Lucknow for procurement of the following equipment.

क्रमांक Sl. No.	सामग्री विवरण Description of items	मात्रा Quantity	बोली प्रनाली Bid Type
1.	Item Details (As per specification) <u>Particle Size Analyzer</u>	01 Nos.	EOI

**CRITICAL DATE SHEET**

Tender Ref. No.	CDRI/2022/9543
Bid Submission Start Date and Time	23/09/2022
Bid Submission End Date and Time	03/10/2022 upto 13.00 hrs.
Date and Time for Opening of Bids	04/10/2022 from 14.30 hrs. Onwards
Address for Communication	Stores & Purchase Officer CSIR – Centre Drug Research Institute (CDRI) Sector 10 Jankipuram Extension Sitapur Road, Lucknow 226031, UTTAR PRADESH Phone: 0522-2772450 E-mail: <a href="mailto:spo@cdri.res.in">spo@cdri.res.in</a>

EOI shall be submitted only using this online web portal <https://etenders.gov.in> only and bids in hard copy by mail / hand shall not be considered.

Sd/-  
[N.S. Prasad]  
Stores & Purchase Officer



सीएसआईआर-केन्द्रीय औषधि अनुसंधान संस्थान  
CSIR-CENTRAL DRUG RESEARCH INSTITUTE

(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)

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Sd/-  
[N.S. Prasad]  
Stores & Purchase Officer