

Government eProcurement System		Government eProcurement System	
Tender Details		Date : 04-Mar-2022 04:28 PM	
 Print			
Basic Details			
Organisation Chain	Council of Scientific and Industrial Research CDRI-Lucknow - CSIR Purchase-CDRI - CSIR		
Tender Reference Number	2021-22/ERP-1423		
Tender ID	2022_CSIR_108456_1		
Tender Type	Single	Form of contract	Supply
Tender Category	Goods	No. of Covers	1
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Not Applicable	Is Multi Currency Allowed For BOQ	Yes
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No
Cover Details, No. Of Covers - 1			
Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical/Finance	.pdf	credential of firm
		.pdf	Technical and price bid
		.xls	Financial bid
Tender Fee Details, [Total Fee in ₹ * - 0.00]		EMD Fee Details	
Tender Fee in ₹	0.00	EMD Amount in ₹	0.00
Fee Payable To	Nil	EMD through BG/ST or EMD Exemption Allowed	No
Tender Fee Exemption Allowed	No	EMD Fee Type	fixed
		EMD Payable To	Nil
		EMD Percentage	NA
		EMD Payable At	Nil
Click to view modification history			
Foreign Currency BOQ Details			
S.No	Currency	Conversion rate in ₹	
1	US Dollar	NA	
2	European Euro	NA	
3	British Pound	NA	
4	Japanese yen	NA	
5	Swiss Franc	NA	
6	Singapore Dollar	NA	
Work /Item(s)			
Title	Biolayer Interferometry System		
Work Description	Supply of Biolayer Interferometry System		
Pre Qualification Details	Please refer Tender documents.		
Independent External Monitor/Remarks	NA		
Show Tender Value in Public Domain	No		

Tender Value in ₹	1,85,00,000	Product Category	Miscellaneous Goods	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	90	Period Of Work(Days)	60
Location	CSIR-Central Drug Research Institute	Pincode	226031	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	The Stores and Purchase Section
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates

Publish Date	04-Mar-2022 05:00 PM	Bid Opening Date	14-Mar-2022 10:00 AM
Document Download / Sale Start Date	04-Mar-2022 05:15 PM	Document Download / Sale End Date	12-Mar-2022 05:30 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	04-Mar-2022 05:30 PM	Bid Submission End Date	12-Mar-2022 05:30 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Tender documents of Biolayer Interferometry System	1536.76

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	ERP1423.pdf	Tender documents of Biolayer Interferometry System	1523.75
	2	BOQ	BOQ_118096.xls	BOQ of Biolayer Interferometry System	222.50

Single Bidders List

S.No.	Bidder Name	Bidder Login Id
1.	Biozed Engineering pvt ltd	rupesh@biozed.com

Auto Extension Corrigendum Properties for Tender

Iteration	No. of bids required for bid opening a tender	Tender gets extended to No. of days
1.	0	7

Bid Openers List

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
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

GeMARPTS ID	MXTBE31QITNO
Description	BIOLAYER INTERFEROMETRY
Report Initiated On	22-Feb-2022
Valid Until	24-Mar-2022

Tender Properties

Auto Tendering Process allowed	No	Show Technical bid status	Yes
Show Finance bid status	Yes	Show Bids Details	Yes
BoQ Comparative Chart model	Normal	BoQ Comparative chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

Tender Inviting Authority

Name	The Stores and Purchase Officer
Address	Sector-10 Jankipuram Extension, Sitapur Road, Lucknow

Tender Creator Details

Created By	Mahesh Kumar
Designation	Astt. SO
Created Date	04-Mar-2022 03:24 PM



SINGLE TENDER DOCUMENT

INVITATION TO BID

File No.2021-22/ERP1423/Mahesh

Date-04.03.2022

To

M/s Sartorius India Pvt. Ltd.,
No. 69/2, & 69/3. Jakkasandra, Nelamangala
Bangalore, India- 562123

Dear Sirs,

Sub:Quotation for supply of "Biolayer Interferometry System" (AS PER ATTACHED SPECIFICATION)

Ref: Our Enquiry No. .2021-22/ ERP1423/Mahesh Date 04.03.2022

Director, **CSIR-CDRI, Sector-10 Jankipuram Extension, Sec-10, Sitapur Road, Lucknow- 226031** herein after called as the 'Purchaser' is interested in the purchase of below mentioned material (s). Kindly send your quotation through E. tender before due date **by 17:30hrs. (IST)**.

SL. No.	Description of the material "Biolayer Interferometry System" (AS PER ATTACHED SPECIFICATION)	Qty.
1.	<ol style="list-style-type: none">1. End Use : Research2. Detailed specifications : Attached3. Scope of supply and incidental services : As per tender document4. Warranty : Three Year5. Qualification criteria (if any) : As per tender document	1(One)

Note: Please also provide the following documents.

1. **Proprietary Certificate**
2. **Price resanbility certificate**
3. **Authorization Certificate.**
4. **Purchase orders copy of the above item if supplied any other department.**
5. **Bid Securing Declaration**
6. **Code of Integrity**
7. **Declaration on Land Border Sharing**
8. **Declaration for availability of spare parts & consumables for a period of at least 10 years**
9. **Technical compliance**
10. **Credentials of firm**

Last Date for submission: 12.03.2022 up to 17:30 hrs. (IST)

Date of Opening: 14.03.2022. at 10:00 hrs. (IST)

TERMS & CONDITIONS

1. The quotation must be in the form furnished by the Purchaser and should be free from corrections/erasures. In case there is any unavoidable correction it should be properly attested. If not the quotation will not be considered. Hand written Quotations will not be considered.
2. It may kindly be noted that your bid should
 - A) be in **One part bidding**.
 - B) accompany Bid Security(EMD) =NIL
 - C) ~~on the event of award of Contract in your favour, you need to submit a Performance Bank Guarantee (10% of the contract value) valid for a period of 02 Months beyond the Warranty period.~~
3. ~~Each quotation sent by post is to be enclosed in double cover addressed to The Store Purchase officer, CSIR-CDRI Sector-10 Extension Sitapur Road Lucknow. Quotations delivered personally should be put in the tender box kept in the office of~~
4. The acceptance of the quotation will rest with the competent authority of **CSIR-CDRI Sector-10 Jankipuram Extension Sec-10, Sitapur Road Lucknow**, 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.
5. Price quoted should be net and valid for a minimum period of **90** days from the date of opening of the quotation.
6. Participation in this tender is by invitation and is not limited to the selected Purchaser's registered suppliers. Unsolicited offers are liable to be ignored. However, suppliers who desire to participate in such tenders in future may bring it to the notice of the purchaser and apply for registration as per procedure. It may be noted that Conditional/Unsigned tenders shall not be considered.
7. The bidder must submit the applicable Price Schedule Form as Annexed to the tender document available on the website.
8. **Complete specification with manufacturer's name and address should be given while quoting. Literature/Pamphlets should also be enclosed wherever applicable.**
10. In cases of agents quoting on behalf of their foreign manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/dealer. There can be only one bid from the following:
 1. The foreign manufacturer directly or through one Indian agent on his behalf; or
 2. Indian/foreign agent on behalf of only one principal.
11. Please indicate the name and address of the agents in India if any, the details of service to be rendered by them & the percentage of commission payable to them. **Agency commission payable to the Indian Agent should be clearly indicated.** The Agency commission would be payable only in Indian Rupees after acceptance.
12. This lab/Instt Is registered with Dept. of Scientific & Industrial Research, Govt. of India and concessional customs duty and GST & IGST are leviable vide notification no. 54/2002-Customs on all imports covered under notification No.51/96-Customs dated 23.07.1996, Notification No.47/2017-Integrated Tax (Rate) and Notification No.45/2017-Central Tax (Rate) both dated 14th November, 2017.
13. The mode of dispatch/transportation of the items must be by Air/Sea/Rail/Road only. (Retain one only).
15. Delivery period required for supplying the material should be invariably specified in the quotation. The offered delivery period shall have to be strictly adhered to in case an order is placed.
16. Liquidated Damages Clause for delays: The applicable rate is 0.5% per week and maximum deduction is 10% of the contract price.
17. If the deliveries are not maintained and due to that account the purchaser is forced to buy the material at your risk and cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier.
18. All supplies are subject to inspection and approval before acceptance. Manufacturer warranty certificates and manufacturer/Government approved lab test certificate shall be furnished along with the supply, wherever applicable.
19. TDS would be recovered as per rules in case of Fabrication/ Servicing/ Maintenance jobs/Installation charges etc.
20. Kindly furnish your PAN & GST Number etc. in your quotation for our records.

21. Our normal payment terms are 100% (hundred percent) within 30 (thirty) days on receipt and acceptance of material at our site in good condition. Please inform your Bank details for RTGS payment.
22. All disputes shall be settled in the courts of **Lucknow** (*from where the Purchase Order is issued*) Jurisdiction only.
23. Tender conditions (printed on the reverse), if any, or otherwise sent along with the tender shall not be binding on us.
24. All the above instructions and our standard terms and conditions must be complied failing which your offer may be liable for rejection.

25. **PERFORMANCE SECURITY (PS) - 03%** of the purchase Order value valid from the date of contract award to expiry of the warranty period+02 Months

Yours faithfully,

(N.S. Prasad)
Stores and Purchase Officer

NOTE: This notice is being published for information only and is not an open invitation to quote in this limited tender. Participation in this tender is by invitation only and is limited to the selected registered suppliers. Unsolicited offers are liable to be ignored. However, suppliers who desire to participate in such tenders in future may apply for registration as per procedure”.

Single Tender document

TENDER NO 2021-22/ERP-1423

Date 04.03.2022

TENDER DOCUMENT

FOR THE PURCHASE OF "Biolayer Interferometry System " (AS PER ATTACHED SPECIFICATION)
CSIR- Central Drug Research Institute,
Sector-10, Jankipuram extension Sitapur Road,
Lucknow- 226031

Tel: 0522-2771940/1960

INVITATION FOR BIDS / NIT

01. Director, CSIR- CSIR- Central Drug Research Institute, Sector-10, Jankipuram extension Sitapur Road, Lucknow- 226031, invites sealed bids from manufacturers, their authorised distributors and Indian Agent of Foreign principals, if any, for purchase of items listed below:

Sl. No.	Tender No.	Description of items	Quantity	Single/Double bid	Bid Security (EMD) (in INR)
1	2021-22/IND65571ERP-1423	"Biolayer Interferometry System " (AS PER ATTACHED SPECIFICATION)	1	Single	NIL

CRITICAL DATE SHEET

Sl. No	Stage	Date & Time
1	Publish Date & Time	04.03.22 (17:00 HRS)
2	Sale/document Download Start Date & Time	14.03.22 (17:15 HRS)
3	Last Date & time for receipt of queries	NA
4	Pre-bid Conference	NA
5	Bid Submission Start Date & time	04.03.22 (17:30 HRS)
6	Bid Submission End Date & Time	12.03.22 (17:30 HRS)
7	Bid Opening Date & Time	14.03.22 (10:00 HRS)

Bid-Securing Declaration Form

(Refer para 5.1.2 (ix)(d) & 6.1.1 (O2) of the CSIR Manual)

Date: _____

Bid No. _____

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

- (a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- (b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration).

Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of : (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

PERFORMANCE SECURITY FORM

(Refer para 5.1.2 (ix)(i) & 6.1.2 (02) of the CSIR Manual)

MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY

To,

.....

WHEREAS (name and address of the supplier) (hereinafter called “the supplier”) has undertaken, in pursuance of contract No. datedto supply (description of goods and services) (herein after called “the contract”).

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of (amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the day of, 20.....

(Signature of the authorized officer of the Bank)

.....

Name and designation of the officer

.....

Seal, Name & Address of the Issuing Branch of the Bank

Note: Whenever, the bidder chooses to submit the Performance Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.

Declaration regarding Land Border Sharing Countries

(On Letter Head)

“I have read the tender document no. Along with clause regarding restriction on procurement from a bidder of a country which shares a land border with India in accordance with the Govt. of India notification no. 6/18/2019-PPD (Public Procurement No.1) dated: 23.07.2020 and no. 6/18/2019-PPD (Public Procurement No.2) dated: 23.07.2020 by Ministry of Finance. Accordingly, I hereby certify that

“this bidder is not from such a country and is eligible to be considered”	
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Or

“this bidder is from such a country but is registered with the competent authority and the related document is attached and thus eligible to be considered”	
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Or

“this bidder is from such a country but to this country, Govt. of India extended lines of credit notified by Ministry of External Affairs and the related document is attached and thus eligible to be considered”	
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[Write ‘Yes’ in the appropriate box]

(Bidder for the purpose of this order (including the term ‘tenderer’, ‘consultant’, ‘vendor’ or ‘service provider’ in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial judicial person not falling in any of the descriptions of bidders started herein before, including any agency, branch or office controlled by such persons, participating in a procurement process.)

Authorized signatory

Name:

Designation:

Contact No:

Email Id:

Other details:

CODE OF INTEGRITY FORM

Format for declaration by the Bidder for Code of Integrity & conflict of interest

(On the Letter Head of the Bidder)

Ref. No: _____

Date _____

To,

(Name & address of the Purchaser)

Sir,

With reference to your Tender No. _____ dated _____

I/We _____ hereby declare that I/we shall abide by the Code of Integrity for Public Procurement as per laid down Govt. Rules and have no conflict of interest.

The details of any previous transgressions of the code of integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity are as under:

- a.
- b.
- c.

We undertake that we shall be liable for any punitive action in case of transgression/contravention of this code.

Thanking you,

Yours sincerely,

Signature
(Name of the Authorized Signatory)
Company Seal

Bio-Layer Interferometry based Bio-molecular interaction system

1. The system should be an automated, flexible and biosensor based. It should provide real time kinetic data for bio-molecular interactions requiring no fluorescent tags or labeling of compounds or proteins.
2. The system should be based on Bio-layer interferometry technology using dip and read based method.
3. The system should be capable of simultaneously measuring at least 8 independent binding reactions.
4. The system should provide answers about the speed, strength and specificity of binding, resulting in accurate measurement of affinity (KD), association (k_a) and dissociation (k_d) rate constants.
5. The system must also determine active concentrations of components with high precision and accuracy.
6. The system should have an injection free simple mode of ligand macromolecule interaction so that the washing and equilibration require minimum amount of time and consumables. The system should be **Fluidics free and there should be no aspiration of the samples**.
7. The system should be capable of accommodating samples ranging from small organic molecules through to peptides, proteins and DNA **to crude extracts without the need of any clarification process**, lipid vesicles, particulates, viruses and cells. Same should be supported with relevant publications.
8. Specific methods for coupling through multiple modes amine coupling, His tag, biotin binding, anti-GST, anti-Human and Anti Mouse FC, Protein A, G and L, Anti-Fab(Human), Anti-CHO HCP Kit and Residual Protein A Leachate Kit must be available. Systems which cannot provide any of the above kits will not be considered.
9. The system should be Capable of performing Ligand Fishing directly in Mass Spec Compatible Buffer and should be able to collect more than 150uL of analyte in a single run.
10. System should be capable and should furnish published data for performing cell based assays by binding a whole cell on the biosensor tip and same should be supported with relevant publications.
11. The system should combine high sensitive protein/protein interaction studies with small molecule interactions down to a molecular weight as low as 150 Da or better to whole cell.
12. The instrument should provide referencing options for improved accuracy.
13. It should be possible to study the complete kinetic profile of any bio-molecular interaction without the need for regeneration, hence parallel processing of at least 8 concentrations simultaneously is required.
14. The system, chemistry and software must be ideal for multi-sample analysis and flexible for batch mode of data analysis in single window for the pool of samples from a single batch.
15. Suitable for sample measurement in 96 well plates with provision of shaking and user defined RPM.
16. Sample analysis should be non-destructive and recoverable. Post analysis the sample should not be diluted and can be stored for future application. Systems where samples cannot be recovered or gets diluted and is passed to waste will not be considered.

17. The system should be compatible to detect and quantitate all kind of samples from purified to crude (Lysate, tissues extracts, serum) and works for multiple applications like replace ELISA, Western blot, immunogenicity, host cell protein quantitation and protein A leachates analysis.

18. The system should be capable of providing real-time kinetic data. End Point Data systems will not be considered.

19. System should have fast acquisition rate of at least 10Hz or better.

20. System and Biosensors both should be compatible to perform assays in the pH range 2-9

21. Data analysis with capability to analyses kinetic and affinity analysis (kobs, ka, kd, KD), concentration monitoring, automated concentration determinations. Data presentation of plots displaying kinetic binding, equation fits and residuals of fits as well as tabulated kinetic data and data charts and the same can be exported in Excel or PDF.

22. The system should be capable of tolerating more than 5% of DMSO and Glycerol. The Software and system should be free of micro calibration and should not have the need of bulk effect corrections.

23. The system should be capable of immobilization and regeneration of biosensors offline and outside the system to increase system throughput.

24. System should be capable of performing CRISPR-Cas mediated gene expression through *in vitro* studies, supported by published data.

25. System should have well proven its capability in vaccine and nanoparticle research, supported by published data.

26. System specifications:

1. Type of information:	Detection (Yes / NO), Concentration, Kinetics and affinity data
2. Number of simultaneous interactions -	Minimum 8 interactions in parallel
3. Data presentation -	Real time monitoring of interactions
4. Molecular weight detection limit -	150 Da to Mega Daltons and Cells.
5. Sample usage -	Non-destructive and Recoverable without dilution.
6. Baseline noise -	Typically < 5 pm (RMS)
7. Quantitation range -	0.025-2000 µg/ml
8. On-rate ka	Range (M-1s-1) 10 ¹ – 10 ⁷
9. Off-rate (kd)	Range (s-1) 10 ⁻⁶ – 10 ⁻¹
10. Affinity (KD)	Range 1mM – 10 pM

27. The system should include a suitable preconfigured computer with all appropriate software for acquisition and analysis. The Software should be license free and can be installed in multiple computers for post data analysis.

28. **GUARANTEE/WARRANTY PERIOD:** The system must be quoted with 1 year of standard comprehensive warranty (Including all spares, accessories, labor and preventive maintenance