



COMSATS University Islamabad (CUI), Lahore Campus
Defence Road, Off Raiwind Road, Lahore

Tender No. CUI-LHR-TN-22-1637
 Case # 3677

Invitation to Bid

(Single Stage Two Envelope Procedure)

Electrospinning & Freeze Dryer for Dr. Hamad Khalid, Department of IRCBM,
CUI-Lahore Campus



Invitation to Bid

*Electrospinning & Freeze Dryer for
Dr. Hamad Khalid, Department of IRCBM*

COMSATS University Islamabad (CUI), Lahore Campus, a public sector University of Ministry of Science & Technology (MoST) invites sealed bids from the authorized distributors/ suppliers registered with **Income Tax & GST department** and who are also on Active Tax Payers List (ATL) of FBR for **"Electrospinning & Freeze Dryer for Dr. Hamad Khalid, Department of IRCBM"**

2) Bidding documents containing detailed terms and conditions, method of procurement, procedure for submission of bids, bid security, bid validity, opening of bid, evaluation criteria, clarification/ rejection of bids, performance guarantee etc. are available for the interested bidders at **"Purchase Office, COMSATS University Islamabad (CUI), Lahore Campus, Defence Road, Off, Raiwind Road, Lahore"**. Bidding documents can also be downloaded from the following link (<https://lahore.comsats.edu.pk/Offices/Procurement/Tenders.aspx>). Bids shall be submitted along with tender documents fee in the form of Pay Order / Demand Draft amounting **Rs. 2500/- (non-refundable) for each tender**. No bid shall be accepted without tender document fee.

3) The bids prepared in accordance with the instructions in the bidding documents must reach at **"Purchase Office, COMSATS University Islamabad (CUI), Lahore Campus, Defence Road, Off Raiwind Road, Lahore"** on or before **January 18, 2023 at 1400 hrs**. Bids will be opened on the same day at **1430 hrs**. This advertisement is also available on PPRA's website at www.ppra.org.pk. **PID(I) 4093/22**

Deputy Registrar (Procurement)
 COMSATS University Islamabad (CUI), Lahore Campus
 (A public sector University of Ministry of Science & Technology)
 Defence Road, Off Raiwind Road, Lahore,
 Pte 042-111-001-007 (Ext: 875)
www.comsats.edu.pk

"SAY NO TO DRUGS"

Part: A GENERAL TERMS AND CONDITIONS

1. *All pages of bidding documents are mandatory to be signed / stamped, meaning thereby bidder agrees to our terms & conditions mentioned herein, failing which the bid may be rejected.*
2. *Any addition, deletion or modification of any clause of the procurement terms & conditions/BoQs of CUI-Lahore Campus by any vendor will not be acceptable and may lead to rejection of the bid.*
3. *Only registered Suppliers, who are on Active Taxpayers List (ATL) of FBR (GST & Income Tax), are eligible to participate in tender.*
4. The contract will be executed and handed over in satisfactory conditions up to the entire satisfaction of COMSATS University Islamabad, Lahore Campus.

5. Tender Fee & Earnest Money/CDR

- a. Documents along with Pay Order / Demand Draft amounting to **Rs.2,500/-** as a tender documents fee (Non-Refundable) shall be submitted in favor of COMSATS University Islamabad, Lahore to the address given below. No proposal/bid will be accepted without tender documents' fee.
- b. The bidder is required to furnish in form of Bank deposit/ CDR / Pay order equivalent to **2% of the total bid price** as Earnest Money crossed in favor of "COMSATS University Islamabad, Lahore Campus", which shall be released after the completion of work / supply on submission of written request on firm / company letterhead. Any bid not accompanied by Earnest Money shall be rejected without any right of appeal.
- c. **Kindly attach the Tender fee with Technical Bid and Bid money / CDR with Financial Bid.**

6. **COMSATS University Islamabad, Lahore Campus will retain 5% of the total value of the Invoice as security against items where warranty is required in our BoQs. The retention money will be released after the warranty period subject to a satisfactory report by the end user. The warranty period will be counted from the date of delivery/supply or installation (as the case may be).**
7. Part / Advance payments is not allowed.
8. **The exact completion/delivery time from the date of the purchase / work order will be 90 days. The handing over / completion time for this contract is of critical importance.**
9. Your bid proposal should be inclusive of freight and all taxes to be delivered at COMSATS University Islamabad, Lahore Campus's premises.
10. Multiple rates of an item may also lead to the rejection of bid / item.
11. After opening of bids, COMSATS University Islamabad, Lahore Campus will examine the bids for completeness as per tender document.
12. In case more than one bidder have quoted same rates for an item; the bidder securing more items (in terms of cost) will be awarded the specific item.
13. Purchase order (s) will be awarded to the lowest evaluated or technically recommended bidder (s) on the basis of item wise according to the BoQs.

14. The bid should be submitted in a sealed envelope up to **January 18, 2023** on or before **1400hrs** and will be opened on the same date **at 1430hrs** in the presence of available bidders. In case of any holiday is announced by the Govt. OR any unforeseeable circumstances that prevent the tender from being opened on the date announced (Force Majeure Situation), the tenders will be opened on the very next working day. Timing will remain as mentioned in the tender notice.
15. COMSATS University Islamabad, Lahore Campus, will follow the PPRA rule of **single stage two envelope procedure**;
- i. The bid shall comprise a single package containing **two separate envelopes**. Each envelope shall contain separately the **financial proposal** and the **technical proposal**;
 - ii. The envelopes shall be marked as **“FINANCIAL PROPOSAL”** and **“TECHNICAL PROPOSAL”** in bold and legible letters to avoid confusion;
 - iii. Initially, only the envelope marked **“TECHNICAL PROPOSAL”** shall be opened;
 - iv. The envelope marked as **“FINANCIAL PROPOSAL”** shall be retained in the custody of the procuring agency without being opened;
 - v. The procuring agency shall evaluate the technical proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements;
 - vi. During the technical evaluation no amendments in the technical proposal shall be permitted;
 - vii. The financial proposals of bids shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance;
 - viii. After the evaluation and approval of the technical proposal the procuring agency, shall at a time within the bid validity period, publicly open the financial proposals of the technically accepted bids only. The financial proposal of bids found technically nonresponsive shall be returned un-opened to the respective bidders;
 - ix. and
 - x. The bid found to be the lowest evaluated bid shall be accepted.
16. The envelope should be marked as under;
- Secretary, Purchase Committee**
COMSATS University Islamabad, Lahore Campus
 Defence Road, Off Raiwind Road, Lahore.
 Tel: 042-111-001-007, Ext: 875
17. The envelope shall also bear the word **“CONFIDENTIAL”** and following identification quotation of **“Electrospinning & Freeze Dryer for Dr. Hamad Khalid, Department of IRCBM, CUI-Lahore Campus”**.
18. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
19. **If the vendor fails to deliver the goods / services to COMSATS University Islamabad (CUI), Lahore Campus within the given deadline, any of the following can be opted by CUI Lahore campus on the recommendation of the end user and approval of the authority;**
- a. An extension in the delivery period may be granted in case a valid reason/justification with necessary documentary evidence is provided by the vendor supporting the reason for delay.
 - b. A penalty upto 10% of the invoice value may be charged.

- c. Purchase order may be cancelled along with confiscation of earnest money if the vendor fails to deliver the goods / services after the initial or extended delivery time, as the case may be.
20. If the delivered goods / services are not according to the required quality standards / specifications, the same shall be liable to be rejected after inspection. The vendor would be required to supply as per requirements mentioned in our BoQs, otherwise the purchase / work order will be cancelled after due date with confiscation of earnest money.
 21. Any defective / sub-standard item (s) will be replaced by the bidder in same quoted cost. In case of failure to supply the specific item, CUI-Lahore may issue PO to next lowest bidder to supply the item while the difference of amount will be deducted from the 1st lowest bidder's earnest money.
 22. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.
 23. Payment will be made as per PPRA rule on submission of Invoice in the name of "COMSATS University Islamabad, Lahore Campus" with a copy of delivery challan (s) after the complete order has been supplied, inspected and accepted which includes delivery / installation, and COMSATS acceptance / inspection thereof.
 24. All prices should be quoted on F.O.R (Pak Rupees) inclusive of all applicable taxes.
 25. All prices should be valid for at least **60 days**. Withdrawal or any modification of the original offer within the validity period shall entitle CUI- Lahore to forfeit the earnest money in favor of the CUI-Lahore and / or put a ban on such vendor participation in tenders / works.
 26. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
 27. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
 28. The CUI-Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
 29. The prices / cost will be considered as inclusive of all applicable taxes.
 30. CUI-Lahore Campus shall disqualify any firm(s), if at any stage; it finds that the information submitted, or documents provided are inaccurate, fake, ambiguous or incomplete.
 31. COMSATS University Islamabad, Lahore Campus reserves the rights to accept or reject the bid if;
 - i. Received without earnest money
 - ii. Received later than the date and time fixed for tender submission
 - iii. The tender is unsigned/ unstamped
 - iv. The offer is ambiguous
 - v. The offer is conditional
 - vi. The offer is from a firm, which is black listed by any Govt. Office.
 - vii. The offer is received by telephone/telex/fax/telegram.
 - viii. Any unsigned / ambiguous erasing, cutting / overwriting etc. is made.
 32. The bidder should furnish a certificate as worded below in token of acceptance of all the terms and conditions of the tender otherwise the tender will not be considered under any circumstances.
 33. The undersigned affirm that the terms and conditions as contained in this document have been read and accepted and that in the event of selection of my/our rate the agreement in the prescribed form will be entered into:

- Company / Vendor Name:.....
- Postal Address:.....
- Tel. / Mobile:.....Email:.....
- NTN# :.....GST#:.....
- Signature:

Please also attach the Certificate supporting being Active Taxpayer as per requirement of FBR.

Part: B. BoQs of Electrospinning & Freeze Dryer for Dr. Hamad Khalid, Department of IRCBM, CUI-Lahore Campus

Technical Portion (Please mention the quoted model/ brand/item in technical portion with no mention of price otherwise the bid will be rejected)

No change in the BoQs (Specs & Qty.) of CUI-Lahore Campus, as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CUI-Lahore Campus BoQ may lead to rejection of bid (fully or partially).				Please mention the Quoted Model / Brand with meeting the all specifications mentioned in BoQs	
Sr. #	Item Name & Specifications		Qty		
1	Electro spinning	Purpose	To produce micro to nano size fibers of different polymers having triaxial spinneret	1	No.
		DC Power Supply	30 KV or better		
		Pump	2 channel (or better) pump for individual pumping of electrospinning solution		
		collector	<ul style="list-style-type: none"> • Rotary durm collector with speed upto 3000 RPM or better. • Plate collector 		
		Motion system	motion system for spinneret		
		Controls	Digital		
		Accessories	Triaxial spinneret		
			Electrospinning needles different sizes		
Handheld electrospinning machine					
Laptop core i7 12 th gen or better, 14 inch screen full HD OLED display or better, 512 gb ssd or better, 16 gb DDR5 ram or better, 4gb or better dedicated graphics card					

			Keyboard with led backlight, With bag and wireless keyboard and mouse		
			Power backup As recommended by OEM for optimum operations		
			Analytical weighing balance with 0.0001 g accuracy		
		Warranty	One year form the date of installation or better		
2	Freeze Dryer	Purpose	Lyophilization of polymer solutions	1	No.
		Drying area	0.12 m ² or better		
		No of sample tray	3 or better		
		Cold trap temperature	-56 (on load) to -80°C or better		
		Water capturing capacity	3-4 kg per day or better		
		Pumping rate	2L per second or better		
		Accessories	Triaxial spinneret		
		Ultimate vacuum	Less than 5 pa		
		Safety	Anti oil return		
			Smoke filter		
			Power backup as recommended by OEM for optimum operations		
		Warranty	One year form the date of installation or better		

Part C: Bid Evaluation Criteria

All bids shall be evaluated in accordance with the following evaluation criteria and other terms & conditions set forth in this bidding document.

1. Please submit the technical and financial bid (rates) on our prescribed BoQs Form with complete terms and conditions signed & stamped, otherwise your bid (s) may be rejected.
2. Brand name / model must be mentioned against items where required failing which the bid / item (s) may be rejected. Manufacturing origin can only be accepted against items where mentioned specifically in the BoQ form.

3. Supporting literature of the quoted model must be attached (where available/required) for perusal of CUI Lahore to technically assess that the quoted item meet the required specifications and other conditions of our BoQs / tender document.
4. The bids shall be evaluated to strictly ensure that the quoted brand/ model/ item meet all the BoQ/ specification requirements given in the tender document for each item.
5. In addition to the BoQ requirements, vendors must meet the vendor qualification criteria /company profile requirements (if any), as set forth in this tender document.
6. Bidders are requested to quote genuine / quality products without compromising on quality. The supplied products shall be inspected by our technical experts with respect to BoQs requirements and quality standards.

Part D: Financial Portion

(Price and Brand/Model/Item to be mention only in Financial Proposal in a separate sealed envelope) Strictly on our BoQs Form.

Vendors are required to provide both unit and total price of each item and calculations must be made carefully to avoid mistakes. However, in case, total price does not match with the unit price and quantity due to calculation error or typo error, any of the following can be opted

1. The bid may be rejected on the reason of ambiguity (OR)
2. Unit price will be considered as final and total price of the respective item will be calculated by multiplying it with the quantity required. Sub-totals and grand total will also be corrected accordingly

No change in the BoQs (Specs & Qty.) of CUI-Lahore Campus, as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CUI-Lahore Campus BoQ may lead to rejection

Rates to be quoted inclusive of all (applicable) taxes

Sr. #	Item Name & Specifications		Qty	Quoted Model / Brand	Unit Price (Rs.)	Total Price (Rs.)
1	Purpose	To produce micro to nano size fibers of different polymers having triaxial spinneret	1	No.		
	DC Power Supply	30 KV or better				
	Pump	2 channel (or better) pump for individual pumping of electrospinning solution				

		<ul style="list-style-type: none"> • Rotary durm collector with speed upto 3000 RPM or better. • Plate collector 				
		Motion system	motion system for spinneret			
		Controls	Digital			
		Accessories	Triaxial spinneret			
	Electrospinning needles different sizes					
	Handheld electrospinning machine					
	Laptop core i7 12 th gen or better, 14 inch screen full HD OLED display or better, 512 gb ssd or better, 16 gb DDR5 ram or better, 4gb or better dedicated graphics card Keyboard with led backlight, With bag and wireless keyboard and mouse					
	Power backup As recommended by OEM for optimum operations					
			Analytical weighing balance with 0.0001 g accuracy			
		Warranty	One year form the date of installation or better			

2	Freeze Dryer	Purpose	Lyophilization of polymer solutions	1	No.			
		Drying area	0.12 m² or better					
		No of sample tray	3 or better					
		Cold trap temperature	-56 (on load) to -80°C or better					
		Water capturing capacity	3-4 kg per day or better					
		Pumping rate	2L per second or better					
		Accessories	Triaxial spinneret					
		Ultimate vacuum	Less than 5 pa					
		Safety	Anti oil return					
			Smoke filter					
			Power backup as recommended by OEM for optimum operations					
Warranty	One year form the date of installation or better							