

**SCHOOL OF BIOLOGICAL SCIENCES**  
**UNIVERSITY OF THE PUNJAB**  
**Tel: 35953150 Fax: 99230980**

**SUPPLY OF EQUIPMENT & RESEARCH MATERIALS**

**TENDER DOCUMENTS**

Sealed Tenders (single stage one envelope basis) are invited from the GST & Income Tax registered Manufacturers Firms /Sole Distributors/ Exclusive Dealers & Suppliers for the supply of following mentioned item (F.O.R basis Lahore) for the HEC funded project. Tenders shall be received up to 17-01-2022 (01:00 pm) and shall be opened by the Institutional Purchase Committee on same day at 02:30pm in the presence of the bidders or their authorized representatives who may wish to attend.

**(1) LABORATORY EQUIPMENT (ESTIMATED COST 1.30 MILLION)**

**(i) Micro-Centrifuge Machine Refrigerated: \*(Hermle, Hettich, Sorvall, Eppendorf or equivalent) as per PPRA rule 2004 Clause 10 (3): (01No.)**

Digital microprocessor controlled with large LCD display, Rotor Capacity: 24 x 1.5/2.0 mL or better, Biocontainment lid for rotor, Speed range of up to 14000 rpm or better, RCF 21000 x g or better, Speed selection in both rpm and g-force, Multiple acceleration & deceleration rates and should be less than 15 sec or better (as minimum as possible), Temperature range -10 to 40°C, Standstill cooling, Fast cooling option, Pre-selection of the running time range 99 hr 59 minutes or continuous (increment 1 min), Automatic lid lock, Automatic rotor detection, imbalance-identification and cut off, Program storage up to 99 programs or better, Audible signals & alarms, Short spin mode, soft brake function (optional), CFC Free refrigeration system, Manufactured according to international safety regulations, Operated on 220 Volts.

**(ii) Semi Dry Blotting System For 4 Mini Gels With Power Supply (01No.)**

Can transfer gels with capacity of 20 x 20 cm size or better

**Blotter Type:** Semi-dry blotting/ horizontal apparatus

Power lead wire with safety terminal

Gels from 0.25 up to 10mm thick can be blotted

Uniform heat dispersion

Provided with power supply with following specifications

1V, 10mA Resolution, input Voltage of 220: 47-60Hz, 410W

**Maximum Voltage (V):** 300 or better

**Maximum Current (mA):** 3000 or better

**Maximum Power (W):** 300 or better

Constant Parameter, Programmable settings with leakage control, error detection, timer ON/OFF, powerfail recovery option.

**2) RESEARCH MATERIALS FROM SBS GRANT (ESTIMATED COST 1.60 MILLION)**

Sr#	ITEM NAME	QTY
01.	Morpheus Crystallization Screen	01x(96x10ml)
02.	PACT Premier Crystallization Screen	01x(96x10ml)
03.	JCSG plus Crystallization Screen	01x(96x10ml)
04.	The MRC Crystallisation Plate Polystyrene	01x100plates

Sr#	ITEM NAME	QTY
05.	XRL Plate	01x100plates
06.	SureSeal DWB	01x100Nos.
07.	Cryotool Set	01No.
08.	CryoMount set 0.2mm	01x20Nos.
09.	Standard Foam Dewar	01No.
10.	Adjustable 12 channel pipette 20-200µl	01No.

## TERMS AND CONDITIONS:-

### 1. General:

- 1.1 Any offer not received as per terms & conditions of the tender enquiry is liable to be ignored and also no offer shall be considered if:
  - a. The bid is not prepared and submitted as per instructions given in the tender document
  - b. Received without earnest money.
  - c. Received without detailed technical literature, in original, from the manufacturer
  - d. Received without verifiable office addresses, Telephone No., E-mail addresses of the bidding firm as well as the manufacturer
  - e. Received without the proofs for availability of certified trained engineer for installation/commissioning/after sale service of quoted equipment/machine
  - f. Bid is received after the time and date fixed for its receipt.
  - g. Not signed & stamped by authorized person on tender documents.
  - h. The offer is ambiguous.
  - i. The offer is received by fax or e-mail.
  - j. The offer is from a black listed firm.
  - k. Offer received with shorter validity than required.
  - l. The offer is for store not conforming to specifications indicated in the tender enquiry.
  - m. Any conditional offer.
- 1.2 Offered rates will remain valid for a period of 150 days after bid opening. No change in price will be made in case of Pak rupees depreciation against foreign currency.
- 1.3 The cover envelop should indicate particulars of tender, date of opening and the envelope must be properly sealed.
- 1.4 In case, the bidder fails to execute the contract in accordance with the terms and conditions laid down in the contract, bid money will be forfeited.
- 1.5 The bidder should indicate their National Income Tax No. / Sales Tax No. and circle of Income Tax Department.
- 1.6 The contractor will be responsible for the free replacement of supplied item if the same is found to be substandard and or at variance with the specifications given in the supply order. Items offered of specifications superior to the one specified in the tender enquiry may be accepted subject to the approval of competent authority.
- 1.7 Items should be brand new and by original manufacturers having well reputed history. Provision of verifiable office addresses, telephone numbers. and E-mail addresses of original manufacturers will be mandatory.
- 1.8 Offered rates will be on basis of free replacement (installation/commissioning).
- 1.9 All Tenders can be cancelled by the Competent Authority before acceptance of the bid (s) as per PPRA Rules 2004, Clause 33.
- 1.10 Offer must be supported with comprehensive technical literature in original and containing complete details of the manufacturer (i.e., official addresses, official website, telephone numbers E-mail addresses and of customer support etc.). Ambiguous documents/photocopies/unauthorized computer prints may not be accepted. Provision of specifications in original (English) for the



materials/goods offered will be mandatory. Bid is liable to be disqualified if relevant literature/specifications are not attached with the offer.

- 1.11 Bids will be evaluated by the departmental Technical Committee on cost and quality basis.
- 1.12 In case of local supply, prices should be inclusive GST.
- 1.13 The specifications/details can be obtained from the office of the School of Biological Sciences, University of the Punjab, Lahore during the official hours at a cost of Rs.1,000/= non refundable.
- 1.14 Bids should be on FOR basis Lahore.
- 1.15 Please avoid quoting alternative offers. Alternative offers will not be considered.

## **2. Delivery Period:**

- 2.1 Delivery period is 90 days after issuance of Purchase Order for the procurement required for local purchase. The equipments to be provided should be of original make/genuine quality. The contractor shall stand guarantee for the equipments for a minimum period of one year.
- 2.2 The contractor will be responsible for the free replacement of supplied item if the same is found to be substandard and or at variance with the specifications given in the supply order within 30 days. Items offered of specifications superior to the one specified in the tender enquiry may be accepted subject to the approval of Competent Authority.

## **3. Extension of Delivery Period:**

In special circumstances, request for extension of delivery period may be considered by the approving authority on the written request of the firm before the target date of supply.

## **4. Cancellation & Penalty of Delay:**

- 4.1 In case of delayed supply, the purchaser may cancel the supply order or impose appropriate penalty. The penalty will be as per University laid down rule (i.e., deduction would be made @ 2% per month in case of late delivery).
- 4.2 In case, the bidder fails to execute the contract in accordance with the terms and conditions laid down in the contract, bid money will be forfeited.

## **5. Payment to the Contractor:**

- 5.1 Payment will be made through crossed cheque to the supplier against invoice after 100% completion of delivery and commissioning after satisfactory performance against the purchase order.
- 5.2 Payment against partial supply will not be made.

## **6. Bid Money:**

- 6.1 Fix bid money of 02% for the estimated cost of the tender will have to be deposited along with the tender. It should be in the form of Pay Order/Demand Draft in favour of Principal Investigator, School of Biological Sciences, University of the Punjab, Lahore.
- 6.2 Bid money of successful bidder shall be refunded on successful completion of the warranty period. Whereas bid money of unsuccessful bidders will be refunded on the approval of the tender by the Competent Authority.

## **7. Inspection:**

The equipments will be inspected by Technical personals of School of Biological Sciences, University of the Punjab, Lahore who will coordinate with the contractor in lieu of required job as per tender requirements, specifications quality and terms of the contract.

## **8. Deduction of Taxes:**

Any taxes (if applicable) will be deducted while making payment as per Government instructions/notifications.

## **9. Payment of Sales & Other Taxes, Duties, Levies:**

All taxes and any other duties if applicable will be liability of the firm. Purchase & Services shall be made from the firm registered with income tax and sales tax under Punjab Revenue Authority if applicable.

**10. Dispute Resolution:**

In case of any dispute before or after the execution of contract, matter will be resolved as per PPRA Rules 2004 Clause 48 & 49.

**11. Preparation of Technical Bid:**

Following points may be kept in mind while preparing Technical Bid:

a.	Make & Type of quoted items (Technical compliance with BoQ)	Provide detail of items, brands, country of origin with complete specification being offered on company letter head (duly signed and stamped beneath by the bidder).
b.	Brief Profile of the Firm	Mention Company Introduction , Type of Business , Offices & Services in Pakistan , NTN & GST Registration Number with Copy of NTN & GST Certificates , Professional Staff (Administrative & Technical) , Verifiable Office addresses, Telephone & Cell No., E-mail address for Contacts.
c.	Details of Experience	Provide list of contracts in-hand/ performed by the bidder so far clearly mentioning for each contract, the name of organization, complete address, year of contract, contract value, date of contract award and date of contract completion.
d.	Reliability of quoted Brand & Country of Origin.	Provide supported documents like original brochures/technical literature depicting detailed specifications as well as complete details of the manufacturer.
e.	Bidder's corporate Status	Whether the bidder firm is: Manufacturer, Business Partner of Manufacturer, Sole Distributor of Manufacturer, Authorized Distributor/Agent/Reseller/Supplier or any other affiliation <b>Note:</b> Provide certificate/letter issued from manufacturer.
f.	Technical Resources & Services Support	Details of firm's ability / facility available for provision, installation, upgrading, training and after sales services.
g.	Warranty/Guarantee	The bidder shall offer at least 01 year warranty/guarantee (where applicable) or standard warranty terms of manufacturer and free of cost after sale service.
h.	Consignment completion period	Firms should specify the completion period from the date of issue of Purchase / Work Order

**12. Eligibility Criteria:**

- Manufacturers, Exclusive/Authorized Dealers, Suppliers (Firms).
- Copies of Sale Tax/Income Tax registration certificates.
- For quoted items, distributor must submit the sole distribution certificate with bid that will be checked later on and verified from the issuing company.
- At the time of delivery, import documents will be checked.
- All softwares, accessories, consumables etc. required for complete functioning of an equipment/scientific instrument should be included in the quoted price. No quote for any optional item will be entertained unless stated otherwise.
- The bidders also have to provide documents proving the availability of trained certified engineer (s) for installation and services of their quoted scientific instruments.
- Warranty will be at least for one year preferably for longer period. Warranty period will start from the date of installation.



**NOTE (i)** Above mentioned Technical Criteria documents must be attached, failing which will leads towards disqualification of the bid.

**(ii)** Bidders are requested to send soft copies of the tenders in Microsoft word format at below mentioned E-mail address after opening the tender on immediate basis. [gulnayabsbs@gmail.com](mailto:gulnayabsbs@gmail.com)

### BILL OF QUANTITY (BoQ)

Sr#	Name of Items	Specifications	Qty	U Price	Total Price
(i)	<b>Micro-centrifuge machine refrigerated:</b>	Digital microprocessor controlled with large LCD display, Rotor Capacity: 24 x 1.5/2.0 mL or better, Biocontainment lid for rotor, Speed range of up to 14000 rpm or better, RCF 21000 x g or better, Speed selection in both rpm and g-force, Multiple acceleration & deceleration rates and should be less than 15 sec or better (as minimum as possible), Temperature range -10 to 40°C, Standstill cooling, Fast cooling option, Pre-selection of the running time range 99 hr 59 minutes or continuous (increment 1 min), Automatic lid lock, Automatic rotor detection, imbalance-identification and cut off, Program storage up to 99 programs or better, Audible signals & alarms, Short spin mode, soft brake function (optional), CFC Free refrigeration system, Manufactured according to international safety regulations, Operated on 220 Volts.	01No.		
(ii)	<b>Semi Dry Blotting System for 4 mini gels with power supply</b>	Can transfer gels with capacity of 20 x 20 cm size or better <b>Blotter Type:</b> Semi-dry blotting/ horizontal apparatus, Power lead wire with safety terminal, Gels from 0.25 up to 10mm thick can be blotted, Uniform heat dispersion Provided with power supply with following specifications, 1V, 10mA Resolution, input Voltage of 220: 47-60Hz, 410W <b>Max Voltage (V):</b> 300 or better <b>Max Current (mA):</b> 3000 or better <b>Max Power (W):</b> 300 or better Constant Parameter, Programmable settings with leakage control, error detection, timer ON/OFF, powerfail recovery option.	01No.		

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03.	JCSG plus Crystallization Screen	JCSG plus Crystallization Screen	01x(96x10ml)		
04.	The MRC Crystallisation Plate Polystyrene	The MRC Crystallisation Plate Polystyrene	01x100plates		
05.	XRL Plate	XRL Plate	01x100plates		
06.	SureSeal DWB	SureSeal DWB	01x100Nos.		
07.	Cryotool Set	Cryotool Set	01No.		
08.	CryoMount set 0.2mm	CryoMount set 0.2mm	01x20Nos.		
09.	Standard Foam Dewar	Standard Foam Dewar	01No.		
10.	Adjustable 12 channel pipette 20-200µl	Adjustable 12 channel pipette 20-200µl	01No.		

*Mehwish Aslam*  
Principal Investigator  
School of Biological Sciences,  
University of the Punjab,  
New Campus, Lahore.

**1.2 Date of Submission & Opening:**

Receipt of tenders: 17 January 2022 till 01:00pm

Opening Tender's 17 January 2022 at 02:30pm in School of Biological Sciences,  
University of the Punjab, Lahore.

**1.3 Particulars of Firms:**

**Name & Postal Address of Firm:**

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\_\_\_\_\_

\_\_\_\_\_ Signature: \_\_\_\_\_

\_\_\_\_\_ Name: \_\_\_\_\_

\_\_\_\_\_ Desg: \_\_\_\_\_

Tele No: \_\_\_\_\_ Fax No. \_\_\_\_\_ Cell No. \_\_\_\_\_

NTN: \_\_\_\_\_ Stamp: \_\_\_\_\_

GST: \_\_\_\_\_

E-mail: \_\_\_\_\_