

GOVERNMENT COLLEGE UNIVERSITY FAISALABAD



TENDER DOCUMENT No. PSF/CRP/Consrm-713

Supply of Lab Equipment for Department of Biochemistry under PSF Funded Project No. PSF/CRP/Consrm-713, entitled “Fabrication of paper-based pop-up electrochemical device for the rapid detection of arsenic in drinking water and blood serum”

Tender Fee: Rs. 1000/-

Sealed Tenders are invited from the well reputed firms / suppliers, who are registered with Tax Departments for supply of Lab Equipment for PSF project No. PSF/CRP/Consrm-713, entitled “Fabrication of paper-based pop-up electrochemical device for the rapid detection of arsenic in drinking water and blood serum” at Department of Biochemistry, GCUF.

GENERAL TERMS & CONDITIONS

1. Tender Opening Date & Procedure:

- 1.1 The procurement shall be completed in accordance with Punjab
- 1.2 Procurement Rules 2014, on **Single Stage - Two Envelope** Bidding Procedure.
- 1.3 Bids in complete conformity with Tender Documents will be dropped in Tender Box placed at the office of undersigned, not later than on **04.04.2022 at 11:00 A.M** which shall be opened on same day at **11:30 A.M** in Treasurer’s Office.

Note:

- Tender Number must be mentioned on envelope.
- Both Technical and financial proposal shall be written on the letter head of the company/ firm along with other prescribed documents.

2. Tender Fee, Bid Security and Performance Security:

- 2.1 The Bid must be accompanied by Tender Fee of Rs:1000/- (nonrefundable) in shape of Call Deposit Receipt (CDR) in original and Bid Security of 2% of Estimated Price of Rs. 2,400,000/- (refundable) in shape of Call Deposit Receipt (CDR) in original.
- 2.2 CDRs must be in favor of Treasurer, Government College University, Faisalabad. The rates / bids should be inclusive of all applicable Govt. Taxes.

3. Validity of Offers.

- 3.1 Offers shall be valid for 120 days from the date of submission of bids.
- 3.2 Withdrawal / modification of the original offer within the validity period shall entitle the University to forfeit Bid Security.
- 3.3 Sales Tax Number and NTN Number must be mentioned on the letter head and bidding documents.

4. Failures and Terminations:

No offer of a supplier / firm will be considered if: -

- 4.1 Bid received without Bid Security / Call Deposit or less CDR than the required.
- 4.2 Bids received not in accordance with specifications of Tender Documents.
- 4.3 Bid received later than the date and time fixed for tender.
- 4.4 Tender is incomplete in any respect or is unsigned.
- 4.5 Offer is ambiguous and the offer is conditional.
- 4.6 Offer from a firm which is blacklisted at any level.
- 4.7 Any erasing / cutting / overwriting etc.
- 4.8 If offer is not accompanied by Authorization letter from the manufacturer specific to this tender.
- 4.9 The supplier fails to deliver the consignment within specified delivery period strictly in accordance with the terms and conditions as laid down in the Purchase Order.
- 4.10 Situation warranted, then University is authorized to forfeit the bid Security and the firm may also be blacklisted.

5. Other special conditions:

- 5.1 The decision of the Vice Chancellor of Government College University, Faisalabad, would be final & binding on both the parties and not challengeable in any court of law.
- 5.2 10% performance security under the rules shall be deducted from the final bill of the successful bidder as per PPRAx Rules 2014 and shall be released upon successful completion of warranty period of a minimum 1 year.
- 5.3 All Government Taxes will be deducted according to applicable rules.
- 5.4 The University may reject all bids/proposals at any time prior to the acceptance of a bid or proposal as per PPRA Punjab rule 35, however upon bidder request the ground of rejection will be communicated to the concerned but no justification will be given as per PPRA rule 35 (2).

Dr. Shagufta Kamal

Principal Investigator

Project No. PSF/CRP/Consrn-713

Department of Biochemistry

Government College University, Faisalabad

Phone no. 03456097374

Appendix "A"**TENDER DOCUMENT No. PSF/CRP/Consrm-713**

Sr. No.	Item	Specification OR Equivalent	Quantity	Unit Price including taxes (PKR)	Total Price
1	Refrigerated Centrifuge with 15mL, 25mL and 50mL rotors	Features: • LCD screen: Shows RPM and RCF, time, temperature and acceleration/deceleration (PCBS). • Speed programming in 10 RPM/ 10 xg steps. • Timer countdown/up from "0" or at "set RPM/ RCF" for reproducible tests. Timer from 1 to 99 min. • programmable in 5 sec. steps and hold position. • PCBS: Progressive controlled acceleration and braking system up to 175 selectable ramps that prevents sample homogenization after separation. • 16 programmable memories. • Several acoustic and visual messages warning the user the device situation. • Easy To Use Microprocessor controlled. • Induction motor maintenance free (brushless). • Rotors list on memory. • Noise level: below 60 dB. • Start, stop, open lid and short spin with adjustable speed buttons. • Option of free/locked adjustment of RPM/ RCF along the run. • Low height for easy access. • Last values remain in memory. • Automatic rotor recognition. • Over-speed protection. • SafetyLid provided with security systems: • Automatic lid lock system, motorized with double lock. • Emergency lid-lock release. • Locking and protection against opening along the run. • Lid dropping protection. • Port in the lid for calibration and operation checking. • Ergonomic design that allows close the lid effortless. • Unbalance detection and switch off. • Protection safety ring between the centrifugation chamber and the housing. • Chamber of centrifugation in stainless steel (easy cleaning). • Rotors can be removed with the lid closed. • Hermetic lids. • Rotors and adapters autoclavable, easy to install by the user. • Automatic disconnection for energy saving up to 8 h. • Cooling Remains the refrigeration after centrifugation process.	01		

2	Vacuum Drying Oven	• Precooling program with rotor spinning and temperature selectable. • Guarantee 4 °C at maximum RPM. • Temperature range from -20°C (-4°F) to 40°C (104°F) in 1°C steps. Temperature sensor inside the chamber. Gas R 449A HFO (CFC free). • 15,25 and 50ml router included • Country of origin certificate of equipment. Should be UK/USA/Europe • Original equipment manufacturer should be USA/UK/Europe • IQ, OQ and PQ documentation should be provided Features: • chamber size: 24.9 liter range Ambient +5° to 220°C • Temperature: resolution 1.0°C • Hydraulic thermostat temperature units available with LED display medium and large control with dial thermometer (1°C increments) • Polycarbonate safety shield protects door glass • Silicone door gasket and positive latch door maintain seal at all vacuum levels use of vacuum grease is recommended .Vacuum and air lines are corrosion resistant stainless-steel tubing for optimum chamber cleanliness and long term performance • Powder Coated heavy gauge steel exterior for durability • Radiant warm wall heating system helps optimize uniformity and conserve Chamber space 3in glass wool insulation prevents heat loss • Two removable stacking aluminum shelves • Front mounted three-way valve for evacuation, venting and purging of inert gases (e.g. Nitrogen or Argon) with vacuum fittings on the front of the unit • Electrical power 240V 50/60Hz; 600w 25A amp connection 6.4 mm / 0.25in • Vacuum operation to 20 mbar can be obtained using a single stage • Vent (can be used for nitrogen connection) 6.4 mm / 0.25in • mechanical pump with a free air capacity of 35 liters per minute. • Country of origin certificate of equipment. Should be UK/USA/Europe • Original equipment manufacturer should be USA/UK/Europe • IQ, OQ and PQ documentation should be provided	01		
Total Amount					

Please contact Dr. Shagufta Kamal, Principal Investigator for any inquiry regarding the specification of Tender.

Details of Call Deposit Receipt (CDR)

Signature_____

No. _____ Amount _____ Name of Bidder_____

Bank _____ Branch _____ City _____ NIC No _____

Name of Firm & Address _____ Ph. No. _____

N.T.No. _____ Sales Tax No. _____

Issued By:

Dr. Shagufta Kamal

Principal Investigator

Project No. PSF/CRP/Constrm-713

Department of Biochemistry

Government College University, Faisalabad

Phone no. 03456097374