

**BAHAUDDIN ZAKARIYA UNIVERSITY,**  
**MULTAN.**

**TENDER DOCUMENT**

**For**

**SCIENTIFIC EQUIPMENT'S FOR THE**  
**DEPARTMENT OF PLANT BREEDING & GENETICS**

**Last Date of Submission: 23.02.2017**

# **BAHAUDDIN ZAKARIYA UNIVERSITY, MULTAN**

[www.bzu.edu.Pk](http://www.bzu.edu.Pk)

Tel.# 9210071-5 Ext.1318

## **TENDER FORM OF THE BAHAUDDIN ZAKARIYA UNIVERSITY, MULTAN FOR THE YEAR 2016-17.**

### **Scientific Equipment's for the Department of Plant Breeding & Genetics ON F.O.R. Basis**

**Advertised Tender No. T/2016-17/86**

**Last Date of Receipt of Tender 23-02-2017 11:30 a.m.**

**Date of Tender Opening 23-02-2017 12:30 p.m.**

**Tender Price:- Rs.1000/- (Non-refundable)**

**Earnest Money @5% on Estimated Amount (Refundable)**

**VENUE TENDER: Treasurer Office B.Z. University, MULTAN.**

1. All tender must be submitted on their tender document with sealed envelope and addressed to the Treasurer, Bahauddin Zakariya University, Multan.
2. Any offer not received as per terms & conditions of the tender will be rejected.
3. Photocopy of CDR should be attached with Technical Bid.
4. No offer shall be accepted if:
  - (i) It is received after the time and date fixed for its receipt.
  - (ii) Received without earnest money from the firms.
  - (iii) The tender document is unsigned.
  - (iv) The tender is ambiguous.
  - (v) The offer is conditional.
  - (vi) The offer is from a firm, black listed /suspended or removed from the approved list.
  - (vii) The offer is received by telegram or Fax.
  - (viii) The offer is received with shorter validity than required in tender enquiry.
  - (ix) The offer is not conforming to specifications indicated in the tender enquiry.

# Detail

**Earnest Money @5% on Estimated Cost: Rs.121000/-**

**1- Shaking Incubator**

Digital Microprocessor PID Control. Programmable control panel. Volume 65 liters. Shaking Speed: 30-400 rpm. Stroke 1-50mm Step-less Adjustment. Shaking Mode Orbital. Tray (W x D) 420 x 420mm. Spring rack. Temperature Range 4 - 60°C. Temperature Accuracy 0.1°C. Temperature Uniformity  $\pm 1^\circ\text{C}$ . Timer 1 to 9999 minutes. Power 700 watts. Electricity 220-240V 50/60 Hz. Security Over-temperature Protection, Compressor Overload Protection, Electrical, Leakage Protection

**Model: SI900R**

**Robus - UK, Equivalent**

**2 - Thermocycler**

Digital microprocessor control. Power Consumption: Maximum 350 W, standby 25 W, Noise: maximum run 48 dBA, Interfaces: RS232, Heated lid: Electrically moving, temperature and pressure programmable, Pressure: Programmable from 30 to 120 Newton, Display: TFT illuminated colour display touch screen, Programs: 680 5-step-programs, Password Protection: Individual for groups, persons, folders and programs, Temperature: - 5.0 °C to 99.9 °C, Uniformity:  $\pm 0.25^\circ\text{C}$  at 55 °C,  $\pm 0.40^\circ\text{C}$  at 95 °C, Control accuracy:  $\pm 0.01^\circ\text{C}$ , Ramp rate: 0.001 °C/s to 5.0 °C/s, De(In)crements: Temperature  $\pm 9.99^\circ\text{C}$ , Time  $\pm 99.99$  seconds, 96-wells, 0.2 ml single tubes, stripes), gradient capable (40 °C,  $\pm 20^\circ\text{C}$  between the narrow sides of the block) heating rate: 4.2 °C/s, cooling rate: 3.6 °C/s,

**Model: Labcycler gradient**

**Sensoquest - Germany, Equivalent**

**3 - Micro Centrifuge**

Digital microprocessor control with lid locking and holding, Imbalance switch-off, Emergency lid lock release, Motor overheating protection, Fast and precise setting of centrifugation time, RPM and RCF via arrow keys, Lid opens at the press of a button, Pulse key for short centrifugation runs, Backlit LCD display. Max speed: 13300rpm. Max RCF: 17008xg. Time: 1 - 99 min, \_ continuous run, short cycle mode (impulse key). Capacity: 24 x 1.5/2.0ml (In one row)

**Model: Mikro 185**

**Hettich - Germany, Equivalent**

**4- Eppendorf Pipette**

1-10ul,10-100ul,100-1000ul

**Make Eppendorf**

**5-**

**Horizontal Electrophoresis**

**165-8000**

**Mini-PROTEAN® Tetra Cell**, 4-gel vertical electrophoresis system, 0.75 mm gel thickness, includes companion module, 2 casting stands, 4 casting frames, 10-well combs, 5 short plates, and 5 spacer plates.

**This protein electrophoresis system includes:**

- \*Tank, lid with power cables, electrode assembly
- \*Mini cell buffer dam
- \*Mini-PROTEAN Tetra companion running module (165-8038)
- \*2 casting stands with 4 casting frames

- \*5 short plates and 5 spacer plates with integrated 0.75 mm spacers
- \*Five 10-well combs
- \*Five gel releasers (165-3320)

**Specifications:**

- \*Number of gels 1-4
- \*Cell (tank and lid with power cables) 1
- \*Companion module (to run up to 4 gels) 1
- 10-well combs 5
- \*0.75 mm spacer plates (5 plates per box) 1 box
- \*Short plates (5 plates per box) 1 box
- \*Casting stands 2
- \*Casting frames 4
- \*Precast gels Mini-PROTEAN or Ready Gel® precast gels
- \*Handcast gels Handcast using Mini-PROTEAN glass plates
- \*Total buffer volume for 2 gels, ml 800
- \*Total buffer volume for 4 gels, ml 1,000
- \*Recommended power supply PowerPac™ Basic, PowerPac HC (high current), PowerPac HV (high voltage), or PowerPac Universal
- \*Typical run time for SDS-PAGE 35-45 min (at 200 V constant)
- \*Gel format Mini
- \*Buffer dam 1

**Bio-Rad Laboratories, USA. Equivalent**

**Accessory Required for Vertical Electrophoresis**

164-5050

**PowerPac Basic Power Supply, 100-120/220-240 V; includes power cord, instructions.**

**Performance and Good Looks:**

Functional, reliable, and easy to use, the PowerPac Basic power supply drives your everyday electrophoresis applications to their maximum performance.

**Specifications:**

Output range (programmable) 10-300 V, fully adjustable in 1 V steps 4-400 mA, fully adjustable in 1 mA steps 75 W maximum

Type of output Constant voltage, constant current with automatic crossover

Output terminals 4 pair recessed banana jacks floating in parallel

Timer 1-999 min, fully adjustable

Pause/resume run function Yes

Display LED

Operating conditions 0–40°C; 0–95% humidity in the absence of condensation  
Safety compliance EN–61010

EMI Conforms to CE Standards for Emissions and Immunity class A, tested only at 230 V; TÜV EMC certification

Safety features No-load detection, sudden load change detection, overload/short circuit protection, input line protection, auto power-up after power failure

Input protection Fuse on both hot and neutral  
Input power (actual) 90–120 or 198–264 VAC, 50 or 60 Hz, autoswitching

Dimensions 21 x 24.5 x 6.5 cm (W x D x H)

Weight 1.1 kg

**Bio-Rad Laboratories,  
USA-Equivalent**

Note:

1. For all the Brands mentioned in this tender (if any), the term “or equivalent” is hereby added and shall be considered as per PPRA rules.
2. The firm should prepare Technical bid as per requirement of Tender Document and submit with clear heading “Technical Bid/Offer”.
3. Further, Company profile may be submitted (with supporting documents) in the sequence as required for Technical evaluation of firm/tender.
4. Technical bid/offer complete in all respect being submitted be paginated by the firm.

# Certificate

1. We / I hereby confirm to have read carefully the terms & conditions of your Tender Enquiry dated for opening on ----- for the purchase of -----.  
We agree to abide by all these terms & conditions/instructions.
2. Certified that the prices quoted against advertises tender dated-----are not more than the prices charged from any other purchasing Agencies in the country in the financial year ----- and in case of any discrepancy, we/I hereby undertake to refund the price charged in excess if and when asked to do so.
3. Certified that the prices quoted by our firm are inclusive of G.S.T and all taxes as per rules and regulations.

1. NAME OF FIRM-----
2. ADDRESS-----
3. INCOME TAX NO-----
4. SALE S TAX REGN NO-----
5. NAME OF TENDERER-----
6. NAME OF BANK AND A/C NO.-----
7. C.N.I.C NO.-----
8. SIGNATURE OF TENDERER -----
9. DATE AND STAMP -----

## **CRITERIA FOR TECHNICAL EVALUATION OF THE TENDER**

The quotation /bid who secure 60% marks will qualify for the competition.

| <b>Sr. No.</b> | <b>Parameter</b>                   | <b>Weight age</b> |
|----------------|------------------------------------|-------------------|
| 1              | Technical Specification of Product | 45%               |
| 2.             | Age of Company/Firm                | 10%               |
| 4.             | Financial strength of the vender   | 15%               |
| 5.             | H.R. Strength                      | 05%               |
| 6.             | On site back up support            | 10%               |
| 7.             | Relevant experience                | 10%               |
| 8.             | Certified Engineer                 | 05%               |

**Total** **100%**

TENDER DOCUMENT

## TERMS & CONDITIONS

- i. Sealed bids are invited for the purchase of Scientific Equipment's for the Department of Plant Breeding & Genetics, B.Z. University Multan.
- ii. The interested bidders shall submit their bids under Single stage- two envelope procedures as defined by Govt. of Punjab Procurement Regulatory Authority.
- iii. The bidders will submit their bid in the two envelopes shall contain technical and financial proposals separately and clearly marked as "TECHNICAL PROPOSAL" & "FINANCIAL PROPOSAL" in bold letters. The financial proposal should accompany earnest money @5% of the Estimated Cost, in the form of call deposit in favor of the Treasurer, B.Z University Multan.
- iv. In the first stage, only the envelopes containing "TECHNICAL PROPOSAL" shall be opened in the presence of bidders (or their authorized representatives) who may like to attend the tender opening meeting.
- v. The "TECHNICAL PROPOSAL" shall be evaluated and no amendments in the "TECHNICAL PROPOSAL" permitted.
- vi. Financial bid will be opened after the completion of all codal formulation of evaluation of the Technical Bid on the date, and time which will be communicated to the bidders.
- vii. Financial bid will be opened for those bidders who submitted their Technical bids OR fulfill the Technical requirement in the presence of the bidders in case any bidder after written call will not be present at the time of opening due to any reason then any claim by him will not be accepted in future. Otherwise their Financial Bids shall be returned un-opened to the respective bidder.
- viii. Bahauddin Zakariya University, Multan reserves the right to drop any item given in the tender without assigning any reason and also reserves the right to reject any or all bids.
- ix. Sole distributor/Dealer/Reseller certificate (if any) should be attached with the bids.
- x. The quotations offering sub standard product can be screened out to ensure quality procurement of Scientific Equipment's.
- xi. The rates will be valid up for 120-days from the date of opening the tender.
- xii. A University Inspection committee will inspect the Scientific Equipment's and further will recommend for payment.
- xiii. The firm must attach photocopy of income tax and Sales Tax Registration with the quotation, otherwise quotation will not be accepted.
- xiv. Attached proforma/Certificate should invariable be filled and submitted with the quotation.
- xv. All bids should reach the office of Treasurer, Bahauddin Zakariya University, Multan on or before **23.02.2017** at **11:30 a.m.** The bids will be opened on the same date at **12:30 p.m.**
- xvi. Price of each item should be mentioned including GST/ all Taxes applicable in Tender.
- xvii. The tender should be quoted on the basis of free delivery of Scientific Equipment's at the Department of Plant Breeding & Genetics, B.Z. University Campus.
- xviii. Quotation should be submitted in print output/typed condition preferably.
- xix. Conditional bid will not be accepted.

**TREASURER**  
**UAN. 111229988 Ext.1318**