



GOVERNMENT COLLEGE UNIVERSITY FAISALABAD

TENDER DOCUMENT No.1247/2017

SUPPLY OF LAB EQUIPMENTS FOR DEPARTMENT OF PHYSICS, GCUF.

Purchase Price: Rs. 500/-

Sealed Tenders are invited from the well reputed firms / suppliers, who are registered with Sales Tax and Income Tax Departments as active tax payers for Supply of Lab Equipment For Department of Physics, GCUF.

GENERAL TERMS & CONDITIONS

1. Tender Opening Date & Procedure:

The procurement shall be completed in accordance with Punjab Procurement Rules 2014, on Single Stage - Two Envelopes Bidding Procedure. (Technical & Financial proposal separately)

Bids in complete conformity with Tender Documents will be dropped in Tender Box placed at PI Office GCUF, not later than **10:00 Hrs on 24.04.2019** which shall be opened on same day at **10:30 Hours** in Treasurer Office.

Note: Tender Number must be mentioned on envelope.

2. Tender Fee, Bid Security and Performance Security:

The Bid must be accompanied by Tender Fee of Rs.500/- in shape of Call Deposit Receipt (CDR) in original and Bid Security of 2% of estimated price of Rs.286,600/- (refundable) in shape of Call Deposit Receipt (CDR) in original. CDRs must be in favor of Treasurer, GC University, Faisalabad.

The rates / bids should be inclusive of all applicable Govt. Taxes.

3. Validity of Offers.

- i. Offers shall be valid for 180 days from the date of submission of bids.
- ii. Withdrawal / modification of the original offer within the validity period shall entitle the University to forfeit Bid Security.
- iii. 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:-

- a) Bid received without Bid Security / Call Deposit or less CDR than the required.
- b) Bids received not in accordance with specifications of Tender Documents.
- c) Bid received later than the date and time fixed for tender.
- d) Tender is incomplete in any respect or is unsigned.
- e) Offer is ambiguous and the offer is conditional.
- f) Offer from a firm which is black listed at any level.
- g) Any erasing / cutting / overwriting etc.
- h) 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.
- i) Situation warranted, then University is authorized to forfeit the bid Security and the firm may also be black listed.

5. Other special conditions

1. The decision of the Vice Chancellor of Government College University, Faisalabad, would be final & binding on both the parties.
2. The supplier/vendor shall submit company profile with financial status and experience record of dealing in relevant line of business.
3. 10% performance security, applicable on non-consumable supplied items, shall be deducted from the final bill of the successful bidder as per PPRA Rules 2014 and shall be released on request after successful expiry of warranty period.
4. All Government Taxes & duties ie; 1/5th of total GST as well as income tax and stamp duty (if applicable) will be deducted according to applicable rules.
5. The warranty period for the supplied items shall be declared minimum 364 days on final inspection of the Committee and end user. However, this warranty period may be extended if deemed necessary due to unavoidable circumstances.
6. Upon the successful supply, fixation, placing, installation, demonstration and inspection carried out by the end user/inspection committee. The successful bidder shall submit their invoice/requisite for request for payment with all necessary documents.
7. No partial/advance payment shall be made against partial supply.
8. The unit rates and the price shall be quoted by the bidder in currency PKR (Pakistani Rupee).
9. LDC (Late delivery Charges) penalty shall be imposed @2% per month of delay upto maximum of 10% of total price.
10. 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

Dr. Nadeem Sabir
Principal Investigator, Project # 21-1247/ /2017
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Phone: 0321 6602133

TENDER DOCUMENT No.1247/2017**SUPPLY OF LAB EQUIPMENTS FOR DEPARTMENT OF PHYSICS, GCUF.**

Sr.No	Name of Article with specifications or equivalent	Qty	Unit Price	Total Amount Including Taxes
1	Electrochemical workstation (potentiostat/ galvanostat) SPECIFICATIONS Support 2, 3 or 4-electrode system Potential control range: $\pm 10V$ Current control range: $\pm 2A$ Potential control accuracy: $0.1\% \times \text{full range} \pm 1mV$ Current control accuracy: $0.1\% \times \text{full range}$ Potential resolution: $10\mu V$ ($>100Hz$), $3\mu V$ ($<10Hz$) Current sensitivity: $1pA$ Rise time: $<1\mu s$ ($<10mA$), $<10\mu s$ ($<2A$) Reference electrode input impedance: $10^{12}\Omega 20pF$ Current range: $2nA \sim 2A$, 10 ranges Compliance voltage: $\pm 21V$ Potential and current range: automatic Electrochemical Impedance Spectroscopy (EIS) Signal generator: Frequency range: $10\mu Hz \sim 1MHz$ Frequency accuracy: 0.005% AC signal amplitude: $1mV \sim 2500mV$ Signal resolution: $0.1 mV RMS$ DC Bias: $-10 \sim +10V$ Output impedance: 50Ω Waveform: Sine wave, triangular wave and square wave Wave distortion: $<1\%$ Scan mode: Logarithmic/linear, increase/decrease Signal analyzer: Integral time: minimum: 10ms or the longest time of a cycle Maximum: 106 cycles or 105s Measurement delay: $0 \sim 105s$ DC offset compensation: Potential automatic compensation range: $-10V \sim +10V$ Current compensation range: $-1A \sim +1A$ Bandwidth: 8-decade frequency range, automatic and manual setting OS Requirement Communications Interface: isolated Universal Serial Bus (USB 2.0) Operating System: Windows 2000/XP/Win7/Win8/Win10	01		

Maximum current output: 2.0A CV and LSV scan rate: 0.001mV~10,000V/s CA and CC pulse width: 0.0001~65,000s Current increment during scan: 1mA@1A/ms Potential increment during scan: 0.076mV@1V/ms SWV frequency: 0.001~100 kHz DPV and NPV pulse width: 0.0001~1000s AD data acquisition: 16bit@1 MHz,20bit@1 kHz DA Resolution: 16bit, setup time: 1μs Minimum potential increment in CV: 0.075mV IMP frequency: 10μHz~1MHz Low-pass filters: covering 8-decade Techniques Stable polarization Open Circuit Potential (OCP) Potentiostatic (I-T curve) Potentiodynamic(Tafel plot) Transient polarization Multi-Potential Steps Potential Stair-Step (VSTEP) Chrono methods Chronopotentiometry (CP) Chronoamperometry (CA) Chronocoulometry (CC) Voltammetry Cyclic Voltammetry (CV) Linear Sweep Voltammetry (LSV)			
Total Inclusive Taxes			

Note Note: Price/Rates shall be quoted on Firm's letter head pad and all tender documents shall be typed/computerized with date except signature of the authorized person of firm

Details of Call Deposit Receipt (CDR)

Signature_____

No_____ **Amount**_____

Name of Bidder_____

Bank_____ **Branch**_____ **City**_____

CNIC No _____

Name of the Firm & Address _____ **Ph No**_____

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

Issued by :

Dr. Nadeem Sabir

Principal Investigator, Project # 21-1247/ /2017

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