



GOVERNMENT COLLEGE UNIVERSITY FAISALABAD

RETENDER DOCUMENT No. 454/38/2017

SUPPLY OF EQUIPMENT FOR DEPARTMENT OF CHEMISTRY HEC FUNDED NRPU PROJECT, 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 Payer for Supply of Equipment for Department of Chemistry HEC Funded NRPU Project No. 5612, 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 Envelope Bidding Procedure.

Bids in complete conformity with Tender Documents will be dropped in Tender Box placed at PI Office, not later than **10:00 Hrs on 06.03.2018** which shall be opened on same day at **10:30 Hours.**

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.1,999,500/- (refundable) in shape of Call Deposit Receipt (CDR) in original.

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 and Mode of Import:

4. 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 Tender Documents and Tender Notice.
- 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

- I. The decision of the Vice Chancellor of Government College University, Faisalabad, would be final & binding on both the parties.
- II. The supplier/vendor shall submit company profile with financial status and experience record of dealing in relevant line of business.
- III. 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.
- IV. 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.
- V. 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 extend if deemed necessary due to unavoidable circumstances.
- VI. 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.
- VII. No partial/advance payment shall be made against partial supply.
- VIII. The unit rates and the price shall be quoted by the bidder in currency both PKR (Pakistani Rupee).
- IX. LDC (Late delivery Charges) penalty shall be imposed @2% per month of delay upto maximum of 10% of total price.
- X. 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. Syed Ali Raza Naqvi
Principle Investigator

Department of Chemistry, GC University
New Campus Jang Road, Faisalabad Phone: 041-9201468 & 0300-4118207

ISSUED TO:

M/S-----

RE-TENDER NOTICE No. 454/38 / 2017

SUPPLY OF EQUIPMENTS FOR DEPARTMENT OF CHEMISTRY HEC FUNDED PROJECT , GCUF.
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Sr. No.	Items	Specification OR Equivalent	Quantity	Unit Price Including Taxes	Total Price
1.	<u>Protein (Plate) Reader</u>	Monochromator-based optical system for free selection of wavelengths from 200 nm to 1000 nm, Compatible with 96- and 384-well microplates with and without lids or cuvettes for wide range study of Elisa, kinetic, spectral, and endpoint measurements. Technical Specifications: Wavelength selection: Monochromator Light source: Xenon flash lamp Wavelength range: 200–1000 nm with 1 nm steps Read-out range: Up to 3 Abs Bandwidth: <2.5 nm Linearity @ 450 nm* : 0–2.5 Abs, 2% Accuracy @ 450 nm* : 1.0% + 0.003 Abs (0–2.0 Abs), 2.0% (2.0–2.5 Abs) Precision @ 450 nm* : SD < 0.003 Abs or CV < 1.0% Plates: 96- and 384-well plates Cuvette: Dimensions (H x W x D): 40-58 x 12.5 x 12.5 mm Beam center height: 8.5 mm Beam window: ≥2 mm Measurement speed (from A1 back to A1) : 6 seconds with 96-well plate 10 seconds with 384-well plate Plate shaking: Linear Spectral scanning speed: 10 seconds from 200–1000 nm with 1 nm steps Incubation range: From ambient + 2°C to 45°C User interfaces: Stand-alone use: 7 in. touch-screen display PC control: SkanIt software Connections: 1 USB B port for PC 1 Ethernet port 3 USB A ports for devices (USB memory device and Wi-Fi dongle) Dimensions (H x W x D) : 265 x 295 x 445 mm, 10.4 x 11.6 x 17.5 in. Weight: 11.3 kg (24.9 lbs.) Certification: CE Marked Required Computer: Minimum system requirements : Dual-core processor, 2 GB RAM, 5 GB free hard disk space, USB, CD-ROM drive, mouse or equivalent, XGA monitor Operating system : Microsoft Windows XP Professional with SP 3 or later, Windows Vista 32 or 64 bit Business edition with SP 2 or later or Windows 7. Make: UK, USA, Japan, Finland	01 No.		

2.	<u>Laminar Air Flow Cabinet</u>	Horizontal Laminar Air Flow Cabinets which provide particle and bacteria free atmosphere for research. TECHNICAL SPECIFICATIONS Construction (Interior): Working area Stainless Steel 304 L (Exterior): Oven baked ,epoxy painted ,E.G steel body Blower motor: Smooth running blower with adjustable speed for long life of hepa filter. Hepa filters: High efficiency hepa filters as rated 99.997%, efficient for all type particulate matters of 0.3 micron Protective grill: In the front of filter protective grill is installed. Fluorescent tube: Well illuminated fluorescent tube is fitted. U. V. Light: U. V. Germicidal light in the chamber Blower: Capable to maintain 0.45 m/s face velocity +/-20% Switch control panel: On the front panel: Speed regulator, tubes On/Off switches and spare points for instruments. Pre-Filter: Washable synthetic pre-filter dust holding capacity should be 90% or more to protect hepa filters.it should be made of polyurethane Motor:1/3 HP,single phase Water and gas supply: Inlets for water and gas Receptacles: Two electrical receptacles to work with equipment in chamber (Power 220/240 V, 50 Hz) Dimensions (Internal): WxHxD 34 x22x22 inches Make: UK, Germany, Pakistan, Finland	01 No.																																		
3.	<u>Microscope with Camera;</u>	Trinocular Microscope attachable equipped with Camera for cell culturing study Technical Specifications Viewing head : Trinocular Head, at 45°360° Rotatable Eyepiece : Wide Field Eyepiece WF10X Objective : Achromatic 4X,10X,40X(S),100X(S,Oil) Stage : Double Layer Mechanical Stage 140X140mm/75X45mm Nosepiece : Quadruple Nosepiece Condenser : Abbe NA1.25 with Iris Diaphragm & Filter Illumination : Built-in Illumination, Holagen Lamp 110V or 220V/6V20W Plan-concave : Mirror Make: USA, UK, Germany, China, Saudi Arabia	01 No.																																		
4.	<u>CO₂ Incubator</u>	Active Background Contamination Control. Microprocessor PID temperature control system. Accurate CO2 control & recovery characteristics. Direct heat and air jacket. Including CO2 gas cylinder and pressure gauge. Specification <table><tr><td>Capacity:</td><td>50-100 litres</td></tr><tr><td>Temperature range:</td><td>5°C above ambient</td></tr><tr><td>temperature to+50°C</td><td></td></tr><tr><td>Temperature uniformity:</td><td>±0.3°C</td></tr><tr><td>Temperature controllability:</td><td>±0.1°C</td></tr><tr><td>CO2 range:</td><td>0% to 20%</td></tr><tr><td>CO2 controllability:</td><td>±0.15%</td></tr><tr><td>Humidity system:</td><td>Natural vaporization with water in humidity pan</td></tr><tr><td>Chamber humidity:</td><td>95 ±5%RH</td></tr><tr><td>Shelves:</td><td>2 Standard,</td></tr><tr><td>Air filter:</td><td>0.3µm, Efficiency: 99.97%</td></tr><tr><td>(for CO2)</td><td></td></tr><tr><td>Alarm system:</td><td>High / low temperature,</td></tr><tr><td>Door ajar, water level,</td><td></td></tr><tr><td></td><td>Co2 density, Independent over</td></tr><tr><td>heat protection</td><td></td></tr></table> Make: USA, UK, Germany, China, Pakistan	Capacity:	50-100 litres	Temperature range:	5°C above ambient	temperature to+50°C		Temperature uniformity:	±0.3°C	Temperature controllability:	±0.1°C	CO2 range:	0% to 20%	CO2 controllability:	±0.15%	Humidity system:	Natural vaporization with water in humidity pan	Chamber humidity:	95 ±5%RH	Shelves:	2 Standard,	Air filter:	0.3µm, Efficiency: 99.97%	(for CO2)		Alarm system:	High / low temperature,	Door ajar, water level,			Co2 density, Independent over	heat protection		01 No.		
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5.	pH Meter Measuring Parameter: pH / ORP / °C / °F Highlights: Large LCD with dual display pH: pH Range: -2.00 to 16.00 pH pH Resolution: 0.01 pH pH Accuracy: ±0.01 pH pH Cal. Points: Up to 5 Temperature: Temperature Range (Meter): 0.0 to 100.0 °C / 32.0 to 212.0 °F Temperature Resolution: 0.1 °C / 0.1 °F Temperature Accuracy: ±0.3 °C / ±0.5 °F ORP : Range : ±2000 mV Resolution : 0.1 mV (±199.9 mV) ; 1 mV (beyond) Accuracy : ±0.2 mV (±199.9 mV) ; ±2 mV (beyond) Conductivity : Range: 0.0 µS to 200.0 mS; Resolution: 0.01 / 0.1 / 1 µS ; 0.01 / 0.1 mS TDS : Range. .. to 100.0 ppt @ 0.5 fact (200.0 ppt @ 1 factor) Resolution. 0.01 / 0.1 / 1 ppm ; 0.01 / 0.1 ppt Certifications : CE Marked required Meter Features : Slope/Offset Yes; Memory at least 100 data sets Operating Temp. 0 to 50 °C / 32 to 122 °F; LCD Display Custom dual- display LCD (5.6 x 7.5 cm) Input DC socket, BNC, 2.5 mm phono (ATC), phono (reference); Power 9 V DC adapter, 1.3 A (100 / 240 VAC, SMPS) Make: Germany, UK, USA, Singapore	01		
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Note: Rate should also be quoted on Firm's letter head pad.

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. Syed Ali Raza Naqvi

Principle Investigator

Department of Chemistry, GC University

New Campus Jang Road, Faisalabad Phone: 041-9201468 & 0300-4118207