



GOVERNMENT COLLEGE UNIVERSITY FAISALABAD

TENDER DOCUMENT No. 264/2015

SUPPLY OF EQUIPMENTS FOR DEPARTMENT OF FOOD SCIENCE, NUTRITION AND HOME ECONOMICS (HEC Project No.20-3137), GCUF.

Purchase Price: Rs.1,000/-

Sealed Tenders are invited from the well reputed firms / suppliers, who are registered with Sales Tax and Income Tax Departments for supply of Equipments for Department of Food Science, Nutrition and Home Economics (HEC Project No.20-3137), GCUF.

GENERAL TERMS & CONDITIONS

1. Tender Opening Date & Procedure:

The procurement shall be completed in accordance with Punjab Procurement Rules 2014, by adopting Single Stage - Two Envelope Bidding Procedure. Bids in complete conformity with Tender Documents will be dropped in Tender Box placed at Procurement Department of the GCUF, not later than **11:00 Hrs on 12.11. 2015** and bids shall be opened on the same day at **11:30 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.1,000/- in shape of Call Deposit Receipt (CDR) in original and Bid Security of 2% of Tender amount (refundable) in shape of Call Deposit Receipt (CDR) in original. CDRs must be prepared in favor of Treasurer, Government College University Faisalabad. The rates / bids should be inclusive of all applicable Govt. Taxes.

3. Validity of Offers.

- i. Offers shall be valid for 90 days from the date of opening of bids.
- ii. Withdrawal / modification of the original offer within the validity period shall entitle the University to forfeit Bid Security.
- iii. The quantities are adjustable as per actual demands.
- iv. The Competent Authority reserves the right to increase or decrease quantities
- v. Sales Tax Number and NTN must be mentioned on the bidding document.

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

- I. Bidder must have relevant experience of supply.
- II. 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.
- III. The quantities can be increased / decreased by the Competent Authority.
- IV. The performance security applicable under the rules shall be deducted from the final bill of the successful bidder.
- V. Equipments for Department of Food Science, Nutrition and Home Economics, Government College University, Faisalabad, to be delivered at University Campus.
- VI. All Government Taxes will be deducted according to applicable rules.
- VII. 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).

(MUHAMMAD MAZHAR WASEEM)

Deputy Director, Procurement & Inventory Control,
Old Campus, Government College University,
Allama Iqbal Road Faisalabad, Phone: 041-9201468 & 9201030

ISSUED TO:

M/S-----

TENDER DOCUMENT NO. 264 / 2015

**SUPPLY OF EQUIPMENTS FOR DEPARTMENT OF FOOD SCIENCE, NUTRITION
AND HOME ECONOMICS (HEC Project No.20-3137), GOVERNMENT COLLEGE
UNIVERSITY, FAISALABAD**

Sr. #	Item Name	Specification	A/U	Qty.	Unit Price Including Taxes
1.	Sonication Apparatus	UIP1000hd-230 (OR EQUIVALENT) Industrial ultrasonic processor UIP1000hd (1000W), 20kHz (auto-scan), hornØ 34mm, amplitude 25micron (adjust. 50-100%), contin.or dry operation possible, 3m cable transducer to generator, interface f. remote control or UPC-control, 230V~1P (8A), 50-60Hz. BS2d22 Block sonotrode BS2d22, for UIP500 to UIP2000, for use with flange RFLA100, for flow cell orbatch operation, titanium, tip diam. 22mm, male thread M14x1, L approx. 125mm (w/o thread),amplitude ratio approx. 1:2.4. BS2d40 Block sonotrode BS2d40, for UIP500 to UIP2000, for use with flange RFLA100, for flow cell or batch operation, titanium, tip diam. 40mm, male thread M14x1, L approx. 125mm (w/o thread), amplitude ratio approx. 1:0.7. B2-1.8 Booster B2-1.8, for UIP500 to UIP2000, for mechanical increase (or decrease) of the amplitude at the sonotrode, amplitude ratio 1:1.8 (or 1:0.56), titanium, female threadsM14x1, inclusive titanium thread bolt (TiM14x1) RFLA100 O-ring flange RFLA100, with O-ring sealing (2xNBR) to the sonotrode, diam. 100mm, stainless steel, for use with sonotrodes BS2d18, BS2d22, BS2d34 or BS2d40, with ORing(NBR) for mounting to flow cells FC100L1-1S or FC100L1K-1S. FC100L1-1S Flow cell FC100L1-1S, decomposable stainless steel reactor, max. pressure 5 bars, for UIP500 to UIP2000 in combination with sonotrode flange and stand ST2, NBR O-rings, tube connectors (1/2") with clip PowMet230 Power meter PowMet230, versatile, for display of current power, cumulated energy and cumulated operation time, 230V~1P, 50-60Hz, safety plug: European standard type. ST2 Stand ST2, stainless steel, for UIP500 to UIP2000, required for flow cells FC100L1-1S or FC100L1K-1S, adjustable in height, collecting tray. Exportprep1 Preparation of export declaration, registration to the ATLAS-system (customs clearance), documentation of release for export. Model: UIP 1000hd Hielscher – Germany (OR EQUIVALENT)	No.	01	

Sr.#	Item Name	Specification	A/U	Qty	Unit Price Including Taxes
2.	UV VIS Spectrophotometer	Wavelength range: 190 nm – 1100 nm Spectral bandwidth: 2,0 nm Resolution: 2nm. Stray Light: 0.3%T (220 nm and 340 nm) Wavelength accuracy: 0.5 nm (with automatic wavelength correction). Wavelength. Reproducibility: 0.2 nm Photometric System: The double-beam monitoring ratio system. Photometric Method: Transmittance, absorbance, energy and concentration Photometric Range: -0.3~3.0 Abs (0~200%T) Photometric Accuracy: 0.002Abs (0~0.5Abs) , 0.004Abs (0.5~1.0Abs) Photom. Reproducibility: 0.15%T (0~100%T), 0.001Abs (0~0.5 Abs), 0.002Abs (0.5~1.0Abs) Photometric Display: 9999 ---- 9999 Photometric Noise: <±0.001Abs (500nm, 0Abs, 2nm Bandwidth) Scanning Speed: 1400nm/min Baseline flatness: 0.004Abs (190 nm. ~1100 nm.) Baseline stability: 0.002Abs/h (500 nm., after preheating). Slew rate of wavelength: 3600nm/min DNA/RND Measurement: Results Printout: Printing of measured data by using any Printer with Paralell Port connection available. Mainframe: Compact and standalone spectrophotometer mainframe Light Source: Socket Deuterium Lamp and Socket Tungsten Halogen Lamp. Detector: Dual Silicon photodiodes Sample Chamber: Automatic eight-cell sample Display: Liquid Crystal Display (LCD 320 iÀ240 dot matrix) Keypad: Touch soft keys. PC Interface: PC Interface: RS-232 Accessories: 4 square optical glass cells, 10mm path length 2 square quartz cells 10 mm path length, with lids Dust cover Instruction manual UV-Win software & RS232C cable are included Model: UVD – 2950 Labomed – USA (OR EQUIVALENT)	No.	01	

3.	Fluorimeter Feature: 62 Series Fluorimeter Wavelength selection: Intelligent Filter Modules (IFM) Light source: Pulsed Xenon lamp with press-to-read operation Expected life of lamp: No replacement required in normal operation Raw fluorescence readings: Yes Concentration standard curve: Blank + up to 6 standards Kinetics, timed option: In both raw fluorescence and concentration modes Kinetics options: 1 reading every 3 to 999 seconds No. methods stored: 20 No. results stored: 100 per method GLP: Method lock with password access. Time and date stamped results. Last calibration date and time stored. Calibration interval set. Calibration due reminder. User ID Outputs: RS232 PC software: Compatible with DataWay (option) Sample handling: 10mm square cuvette holder (standard). Heated sample holder (option). Sipper pump (option) Power supply: 90 to 230V universal mains adapter 12V DC input Size (w x d x h): 365 x 272 x 160mm Weight: 6kg <u>(OR EQUIVALENT)</u>	No.	01	
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Note: Equipment's Price 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:

MUHAMMAD MAZHAR WASEEM
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Old Campus, Government College University,
Allama Iqbal Road Faisalabad, Phone: 041-9201468 &9201030