

BAHAUDDIN ZAKARIYA UNIVERSITY,
MULTAN.

TENDER DOCUMENT

For

SCIENTIFIC EQUIPMENT FOR RESEARCH LABORATORY
IN THE DEPARTMENT OF PHARMACY

Last Date of Submission: 03.05.2017

BAHAUDDIN ZAKARIYA UNIVERSITY, MULTAN

www.bzu.edu.Pk

Tel.# 9210071-5 Ext.1318

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

Scientific Equipment for Research Laboratory in the Department of Pharmacy ON LC (C&F)/F.O.R Basis

Advertised Tender No. T/2016-17/133

Last Date of Receipt of Tender 03-05-2017 12:30PM

Date of Tender Opening 03-05-2017 01:30PM

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

F.O.R and LC (C&F) Basis
Earnest Money @5% on Estimated Cost Rs.150,000/-

Sr. No.	Item/Equipment	Qty.	Earnest Money @5% on Estimated Cost
1.	<p>HPLC Specifications With UV Detector High Pressure Liquid Chromatography (HPLC) Complete with accessories (auto injector with cooled sample chamber, temperature controlled column chamber, (CFR 21 Part 11 FDA Compliant ready Software), Compatible with UV, photodiode array Detector, RI and Fluorescent Detector Electrochemical & Mass Detector,</p> <p>System comprising of followings:</p> <ul style="list-style-type: none"> ➤ Low Pressure Quaternary Gradient Pump ➤ Vacuum Degasser ➤ Column Oven ➤ HPLC Columns C18, 5 micron 4.6 x150 mm Qty 02 ➤ Performance Maintenance Kit ➤ Data System completes with Windows based software, Computer and Laser Printer. ➤ HPLC Installation kit ➤ Branded ➤ Electrical: 220V 50Hz Single Phase <p>Specifications:</p> <ul style="list-style-type: none"> ➤ Quaternary Gradient Pump <ul style="list-style-type: none"> • Operating principle: Dual-plunger pump, Low-pressure gradient • Control mode: Constant flow • Compressibility compensation: Automatic and Continuous • Flow range: 0.01 -10ml/min • Flow rate accuracy: ±1% or 10µl, ml/min • Flow rate precision : ~0.075% RSD at 1ml/min • Maximum pressure: 5000 psi • Operating range: 0 - 5000 psi up to 0-10 	01 No	Rs.150,000/-

	<p>ml/min entire range</p> <ul style="list-style-type: none"> • Number of eluent lines: 4 • Gradient formation: 4-channel mixing valve • Composition Precision: <0.15% RSD • Composition Accuracy: <0.5% absolute • Display size for input: 115 mm or 4.5 inches • Delay volume: <650 III • Automated, continuous solvent compressibility compensation • Auto prime/purge and seal wash integral, active, programmable • Tool-free, simple access to plungers, plunger seals, plunger wash seals • Safety & maintenance :Over pressure, Diagnostics, Error detection • Line Voltage: 220V <p>➤ Vacuum Degasser</p> <ul style="list-style-type: none"> • Number of channel: 4 CHs • Maximum flow rate: 10ml/min per channel • Internal volume per channel: <500ul per channel • Materials in contact with solvent: Teflon AF / 316 Stainless Steel, PEEK and Glass-filled PTFE • Safety & maintenance: Error detection <p>➤ Column Oven</p> <ul style="list-style-type: none"> • Temperature range: 4°C {Cooling} - 65°C or more. • Cooling: Ambient - 20°C, Heating: ambient + 65°C • Temperature stability: ±1°C • Temperature accuracy: ±01°C, with 2-point temp. calibration • Column capacity: Two. • Heat-up time: 16 minutes from 4°C to 65°C • Cool-down time: 13 minutes from 65°C to 4°C • Preheat: 200mm heat exchanger. • Safety & maintenance: Diagnostics, Error detection 		
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➤ Auto sampler

- Sample capacity: 120 Vials
- Number of Sample Injection: 1 to 99 injections per sample vials
- Dispenser syringe: 250 µl, standard, 100/500/2000 µl, optional
- Sample delivery precision: Typically 0.5% RSD
- Sample carryover: ≤0.01%
- Injector linearity: 0.999 of deviation
- Sample temperature control: 4 to 40 °c, programmable in 1°c Increments
- Wetted parts in flow path: SS316, PTFE(Teflon), ETFE (Tezel), VESPEL,PCTFE{Keel-F}. Optional: PEEK
- Injection cycle time: < 60 sec. in all injection modes for 1 injection ≤100 µl, including 300 µl, wash / < 20 sec in partial loop fill mode for 1 injection of 10µl including 500 µl, wash
- Auto sampler Accessories:
- Analytical performance:
- Injection modes: Full loop, partial loop fill and µl, pickup mode, PASA™ (pressure-assisted sample aspiration)
- Reproducibility:
- RSD s 0.3% for full loop injections
- RSD s 0.5% for full partial loop fill injections, injection volumes> 10 µL
- RSD ≤ 1.0% for µl pickup injections, injection volumes > 10 µL
- Injection methods: Full loop, partial loop fill and µl pickup
- Tool-free, simple replacement of needle wash frit
- Injection volume: 1 µL -9,999 µL
- Analysis time: max. 9 hr., 59 min, 59 sec
- Wash: Programmable - Wash between injections, Wash between vials

DETECTORS FOR HPLC SYSTEM

UV /Visible Detector with Analytical Flow cell

- Wavelength Range: 190 to 700nm
- Bandwidth: 5nm
- Wavelength Accuracy: ± 0.1nm

	<ul style="list-style-type: none"> ➤ Display size for input: 70mm or 2.7 Inches ➤ Data Acquisition: up to 80Hz ➤ Flow Cell Design: Taper Slit ➤ Light Source: Deuterium Arc Lamp ➤ Pressure limit: 1000 psi (analytical cell) <p>Additional accessories required for HPLC unit:</p> <ul style="list-style-type: none"> • Plunger seals (2). • Check valve inlet (2). • Check valve outlet (2). • Deuterium Lamp (1). <p>64 Bit Operating Windows: Microsoft Window 7</p> <p><u>Manufacturer Origin: USA, Japan and western Europe.</u></p> <p>NOTE: 10/00 to be performed by the suppliers. Stabilizer with Servomotor control with delayed timer.</p>		
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Note:

1. Price may be given on F.O.R and C&F basis separately.
2. 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.
3. The firm should prepare Technical bid as per requirement of Tender Document and submit with clear heading “Technical Bid/Offer”.
4. Further, Company profile may be submitted (with supporting documents) in the sequence as required for Technical evaluation of firm/tender.
5. 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.

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.

Sr. No.	Parameter	Weight age
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 for Research Laboratory in the Department of Pharmacy, 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 amounting to 5% of the estimated price, 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. **The Technical Committee may accept or reject supplier bid after inspection of their services/equipment and demonstration of the quoted equipment.**
- vii. 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.
- viii. 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.
- ix. **Prices of items should be quoted on F.O.R basis and LC (C&F) basis and foreign currency to be quoted for C&F price as USD.**
- x. Bahauddin Zakariya University, Multan reserves the right to drop any items given in the tender without assigning any reason and also reserves the right to reject any or all bids.
- xi. Sole distributor certificate (if any) should be attached with the bids.
- xii. **Exclusive distributorship certificate duly signed and stamped from Principal and attested by Chamber of Commerce (as the case may be) and/or Embassy of the manufacturer Country may also be provided.**
- xiii. The quotations offering substandard product can be screened out to ensure procurement of Scientific Equipment.
- xiv. The rates will be valid up for 120-days from the date of opening the tender.
- xv. A University Inspection committee will inspect the Scientific Equipment and further will recommend for payment.
- xvi. The firm must attach photocopy of income tax and Sales Tax Registration with the quotation, otherwise quotation will not be accepted.
- xvii. Attached proforma/Certificate should invariable be filled and submitted with the quotation.
- xviii. All bids should reach the office of Treasurer, Bahauddin Zakariya University, Multan on or before **03.05.2017** at 11:30 am. The bids will be opened on the same date at 12:30 pm.
- xix. Quotation should be submitted in print output/typed condition preferably.
- xx. **An affidavit on stamp paper Rs.200/- regarding Terms & Conditions of the bid contract maintenance of equipment & replacement of defective parts under warranty shall be done without any cost & that the firm has never been blacklisted on any grounds whatever.**
- xxi. The successful bidders will be responsible for payment of custom clearance/agent charges/insurance premium and transportation from Air Port/Sea to B.Z. University premises in case of LC's.

TREASURER
UAN. 111229988 Ext.1318