

TENDER DOCUMENT

Lab Chemicals & Glassware (Specifications/detail of items are in bidding document)



Government College University Faisalabad

Please read carefully this tender document and sign & stamp each page.



GOVERNMENT COLLEGE UNIVERSITY FAISALABAD

TENDER DOCUMENT No. 780.37.2023

SUPPLY OF LAB CHEMICALS FOR THE DEPARTMENT OF BOTANY,

Purchase Price: Rs. 1,000/-

1. INVITATION TO THE BID

Sealed Tenders are invited from the well reputed firms / suppliers, who are registered with Sales Tax and Income Tax Department as Active Tax Payer for supply of Lab Chemicals for Department of BOTANY, GCUF.

2. INSTRUCTIONS TO THE BIDDERS

2.1 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 the office of Director Procurement & Inventory Control, GC University Faisalabad, not later than **11:00 Hrs on 25.06.2024** which shall be opened on same day at **11:30 Hours**.

Note: Tender Number must be mentioned on envelope.

2.2. Bidders must ensure that they submit all the required documents indicated in the Tender / Bid Documents at the time of opening of Technical Bids and no request for submission of missing documents will be entertained after opening of the Technical Bids (related to any change specifications of goods).

2.3. Item would be purchased on FOR basis, payment will be made in PAK Rupees.

2.4. It will be clearly understood that the Terms and Conditions mentioned in this document are intended to be strictly enforced.

2.5. Bids without supporting documents, undertaking, valid documentary evidence, and bids not conforming to terms and conditions given in the Tender Document will be liable for rejection. Bids received after due time and date and bids without Bid Security in shape of CDR/ Bank Guarantee/ DD or less than required amount or Bid Security in shape of Cheque or Cross Cheque shall be rejected.

3 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 or deposit slip and **Bid Security @ 5% (i.e.49,901/-) of Estimated Price i.e.**

“998,026/-” PKR” (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.

4

Validity of Offers.

- i. Offers shall be valid for 90 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.

BID DATA SHEET (Information for the Bidders)

1	Procuring Agency	Government College University Faisalabad
2	Tender Number	778.35.2023
3	Name of Tender	Supply of Lab Chemicals for Department of BOTANY, GCUF
4	Tender Document available place	Director Procurement & Inventory Control, GC University Faisalabad
5	Cost of Tender Document	Rs.1000/- CDR <i>or</i> Pay Order in favor of the Treasurer GC University Faisalabad
6	Bid Security	Amount mentioned in Clause No. 3 of the Tender Document in shape of CDR i.e, Pay Order etc, in favor of “Treasurer GC University Faisalabad”
7	Performance Guarantee	5% of the order value / the firm may also request to convert the bid security as Performance Guarantee
8	Tender Addressed to	Director Procurement & Inventory Control, H Block , Allama Iqbal Road, Government College University Faisalabad
9	Contact Number	Ph. 041-9201468
10	Due Date, Time and place of submission of Tender	25-06-2024 till 11:00 AM Director Procurement & Inventory Control, GC University Faisalabad
11	Date, Time and Place of Technical Bid Opening	25-06-2024 at 11:30 AM at Director Procurement & Inventory Control, GC University Faisalabad

12	Date, Time and Place of the Financial Proposals	Shall be intimated subsequently to Technically Qualified firms
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5 Other Special conditions

5.1 The decision of the Vice Chancellor of Government College University, Faisalabad, would be final & binding on both the parties.

5.2 Cheque or Cross Cheque shall not be accepted at all.

5.3 The amount submitted as Bid Security shall be refunded to the unsuccessful bidders after the decision for the award of the said tender.

5.4 The Bid Security of Successful Bidder(s) may be converted as part of the Performance Guarantee for successful execution of the work.

5.5 Subject to the delivery of goods against the Supply Order, the Bid Security in form of CDR shall be returned to vendor.

5.6 If the Bid Security is found less than the required amount then the bid will be rejected irrespective of the rates and the stage of the bid process.

5.7 The Bid Security may be forfeited if a Bidder refuses to accept supply order of the Bid

5.8 Firms having authorization letter from manufacturer for this equipment would be preferred.

5.9 **Model number, country of origin and Company name must be mentioned on both technical and financial bid.** Technical brochure must be attached (if any).

5.10 10% performance security applicable under the rules shall be deducted from the final bill of the successful bidder.

5.11 All Government Taxes will be deducted according to applicable rules.

5.12 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).

6.0 Suppression of facts and misleading information

During the bid evaluation, if any suppression or misrepresentation of information is brought to the notice of the Purchase Committee, the Committee shall have the right to reject the Bid and if it happens so after selection of the Bidder, the Purchase Committee may terminate the supply order or award of the supply order or further processing of the Bid as the case may be and that will be without any compensation to the Bidder and the Bid Security/Performance Guarantee, as the case may be, shall be forfeited.

7. BID OPENING

7.1. Technical Proposal Opening

The bid's outer cover and Technical Proposal cover will be opened by the Central Purchase Committee on the date and time as specified in the Tender Notice /Bid Data Sheet. The bids will be opened in the presence of the bidders who choose to be present. A maximum of two representatives for each bidder would be allowed to attend the Bid Opening. Technical Specifications are given in Appendix 1.

7.2 FINANCIAL PROPOSAL

7.2.1 The Financial Proposal of the bidder shall also include the price break up of taxes/duties as given in Appendix 2. All taxes/duties as applicable shall be responsibility of the bidders.

7.2.2. The cost quoted by the bidder shall be kept by firm and unchanged for a period specified in the Bid/Tender Documents from the date of opening of the bids. The bidder shall keep the price firm/unchanged during the period of Contract including during the period of extension of time if any.

7.2.3. The quoted price will be inclusive of all taxes, duties, levies, insurance, freight (transportation charges), etc.

7.2.4. For items to be imported on the name of University, Bidder will bear the Clearance and transportation Charges for delivery at site.

7.2.5. The Bid is liable for rejection if Financial Proposal contains conditional offer.

7.2.6 Any cutting/ over writing shall not be accepted in the financial offer.

Appendix “A”

Technical Specifications

SUPPLY OF LAB CHEMICALS FOR DEPARTMENT OF BOTANY,

List of Chemicals & Specs

Nitro Blue Tetrazolium	powder, electrophoresis grade	1 g x 10
Riboflavin	BioReagent, suitable for cell culture, suitable for insect cell culture, ≥98%	25 g x 1
Methionine	reagent grade, ≥98%, HPLC Powder White	25g x 1
di-Potassium hydrogen phosphate	<i>ReagentPlus</i> [®] , ≥99.0% powder or crystals	1 Kg
Potassium dihydrogen phosphate	ACS reagent, ≥99.0% powder or crystals	1 Kg
H ₂ O ₂	purum p.a., ≥35% (RT) 23.3 mmHg (30 °C)	1 ltr
Sulfo-salicyclic acid	<i>ReagentPlus</i> [®] , ≥99% water: soluble 100 mg/mL, clear, colorless	500 g x 1
Glacial Acetic Acid	glacial, <i>ReagentPlus</i> [®] , ≥99% vapor density 2.07 (vs air)	2.5 ltr x 2
NaNO ₂	<i>ReagentPlus</i> [®] , ≥99.0% powder or crystals pH 9 (20 °C, 100 g/L)	1 Kg
NaOH	reagent grade, ≥98%, pellets (anhydrous) cell culture mammalian: suitable impurities ≤1.0% sodium carbonate	1 Kg
AlCl ₃	reagent grade, 98% reagent type: catalyst core: aluminum	1 Kg
Methanol	ACS reagent, ≥99.8% color APHA: ≤10 clear 410 mmHg (50 °C) 97.68 mmHg (20 °C)	2.5 ltr
Folin-Ciocalteaus reagent	suitable for determination of total protein by Lowry method, 2N diagnostic assay manufacturing	100 ml

	hematology histology	
Na ₂ CO ₃	ACS reagent, anhydrous, ≥99.5%, powder or granules	1 Kg
Thio-barbituric acid	≥98%	25 g
Trichloroacetic acid	ACS reagent, ≥99.0% Substances darkened by sulfuric acid, passes test ≤0.01% insoluble matter	500 g x 2
Potassium iodide	ACS reagent, ≥99.0% crystals	500 g
Perchloric acid	ACS reagent, 70% reagent type: oxidant	500 ml
Ninhydrin	ACS reagent passes test for sensitivity to amino acids white to brownish white, crystals	25 g
Toluene	anhydrous, 99.8% 22 mmHg (20 °C) 26 mmHg (25 °C)	2.5 ltr x 2
L-proline	BioUltra, ≥99.5% (NT) powder or crystals	25 g
Acetone	ACS reagent, ≥99.5% vapor pressure 184 mmHg (20 °C)	2.5 ltr x 5
Sulfuric acid (Solvent S)	ACS reagent, 95.0-98.0% Free from suspended or insoluble matter Nominally 95-98% H ₂ SO ₄	2.5 ltr
2,4-Dinitrophenylhydrazine	reagent grade, 97% 197-200 °C (lit.)	25 g
Thiourea	ACS reagent, ≥99.0% ≤0.5% loss on drying, 105°C, 2h	1 kg
Bovine serum albumin	lyophilized powder, BioReagent, suitable for cell culture cell culture mammalian: suitable	25 g
Ortho-phosphoric acid	ACS reagent, ≥85 wt. % in H ₂ O	2.5 ltr x 2
(Solvent D.E)	ACS reagent, ≥99.0% ≤0.0003 meq/g Titr. acid ≤0.03% water vapor pressure 87 mmHg (25 °C)	2.5 ltr
Tyrosine	BioUltra, ≥99.0% (NT) insoluble matter, passes filter test ≤0.5% foreign amino acids powder or crystals	25 g

Anthron Reagent	ACS reagent, 97% color off-white to yellow diagnostic assay manufacturing hematology histology	25 g x 2
Ethanol Analytical	absolute, reagent ISO, reagent Ph. Eur., ≥99.8% (GC), liquid (clear, colorless)	2.5 ltr x 5
Coomassie Brilliant Blue G-250 Dye	250, for microscopy form solid	25 g
GSSG (oxidized glutathione)	≥98% (HPLC)	1 g
HNO ₃	ACS reagent, 70% 8 mmHg (20 °C)	2.5 ltr
Ammonium Molybdate	BioUltra, ≥99.0% (T) 4.0-5.5 (25 °C, 0.05 M in H ₂ O) insoluble matter, passes filter test	500 g
Ammonium vanadate	ACS reagent, ≥99.0% reagent type: catalyst core: vanadium 2.32 g/cm ³ at 25 °C (lit.)	100 g
Sodium potassium tartarate	<i>ReagentPlus</i> [®] , ≥99%	1 Kg
HCl	ACS reagent, 37% 3.23 psi (21.1 °C) 7.93 psi (37.7 °C)	2.5 ltr
GSH (Glutathione reduced)	≥98.0% water: 50 mg/mL, clear, colorless mp 192-195 °C (dec.) (lit.)	5 g
Sodium acetate	anhydrous, <i>ReagentPlus</i> [®] , ≥99.0% 8.5-9.9 (25 °C, 246 g/L)	1 Kg
5,5-dithio-bis(2-nitrobenzoic acid, DTNB)	≥98%, BioReagent, suitable for determination of sulfhydryl groups	5 g x 1
N(1-Naphthyl)-ethylenediamine dihydrochloride	≥98% 194-198 °C (dec.) (lit.)	10 g
2,2-diphenyl-1-picrylhydrazyl (DPPH)	Powder Green ~135 °C (dec.) (lit.)	1 g
Hydroxylamine hydrochloride	<i>ReagentPlus</i> [®] , 99% crystalline	500 g x 3
Sulfanilamide	≥98% powder or crystals color white to off-white mp	100 g

	164-166 °C (lit.)	
Naphthylamine	97% light tan to purple 1.114 g/mL at 25 °C (lit.)	25 g
3- diaminobenzidine (DAB)	98% Powder	5 g
1-chloro-2,4-dinitrobenzene (CDNB)	97% Solid	100 g
Magnesium sulfate	<i>ReagentPlus</i> [®] , ≥99.0% powder or crystals pH 5-8 (50 g/L)	1 Kg
2, 2'-bipyridyl	<i>ReagentPlus</i> [®] , ≥99% powder or crystals powder or granules	5 g
FeCl ₃	puriss. p.a., reag. Ph. Eur., ≥99% 280-285 °C (lit.)	1 Kg
Potassium bromate	ACS reagent, ≥99.8% 5.0-9.0 (25 °C, 5%)	100 g
Tris-HCl	reagent grade, ≥99.0% (titration), crystalline H ₂ O: soluble, clear, colorless	500 g
EDTA	ACS reagent, 99.0-101.0% reagent type: chelator	1 Kg
Trizma Base	TRIS base is useful in the pH range of 7.0-9.0. Has a pKa of 8.1 at 25°C. White 7-9 PH	500 g
Boric acid	ACS reagent, ≥99.5%	1 Kg
Silver nitrate	ACS reagent, ≥99.0%	25 g
Chloroform	contains 100-200 ppm amylenes as stabilizer, ≥99.5%	2.5 ltr
Gallic acid	ACS reagent, ≥98.0%	100 g
3,5, Dinitrosalicylic acid	≥98% (HPLC and titration)	25 g
Na-EDTA	suitable for electrophoresis, for molecular biology, 99.0-101.0% (titration)	1 Kg
Evans blue	Dye content ≥75 %	1 g
5,5-dithiobis-2-nitrobenzoic acid	≥98%, BioReagent, suitable for determination of sulfhydryl groups	5 g x 2
Fuchsin dye	Dye content >85 %	25 g
Potassium metabisulfite	98%	500 g
phenylalanine	for biochemistry	25 g
Amino acid leucine	reagent grade, ≥98% (HPLC) ligand binding assay: suitable	25 g
Iron-EDTA	suitable for plant cell culture,	100 g

	BioReagent, crystalline cell culture plant: suitable	
Safranine	Dye content ≥85 % water: 1 mg/mL, clear, dark red to very dark red and red purple	25 g
fast green	Dye content ≥85 % H ₂ O: 1 mg/mL, clear	25 g
Formaline	ACS reagent, 37 wt. % in H ₂ O, contains 10-15% Methanol as stabilizer (to prevent polymerization)	2.5 ltr
ACC (1 amino cyclopropane carboxylic acid)	≥98% (TLC), powder white mp 229-231 °C (lit.)	1 g
BisAcrylamide	99% water: soluble 20 g/L at 20 °C	100 g
Ammonium persulphate	ACS reagent, ≥98.0%	1 Kg
Disodium EDTA	suitable for electrophoresis, for molecular biology, 99.0-101.0% (titration)	1 Kg
Trizma base	TRIS base is useful in the pH range of 7.0-9.0. Has a pKa of 8.1 at 25°C. White 7-9 PH	500 g
Micro pipette tip 10µl White	Plastic Autoclavable Material	Pack
Micro pipette tip 200µl yellow	Plastic Autoclavable Material	Pack x 10
Micro pipette tip 1000µl blue	Plastic Autoclavable Material	Pack x 10
Plastic tube 1.5 ml Eppendorf	Plastic Autoclavable Material	Pack x 20
PCR tube 0.2 ml	Plastic Autoclavable Material For more than 10,000 rpm	Pack
Dream Taq PCR master mix	Contains: • 4 x 1.25 mL DreamTaq Green PCR Master Mix (2X), which includes DreamTaq DNA Polymerase, 2X DreamTaq Green buffer, dNTPs, and 4 mM MgCl ₂ • 4 x 1.25 mL Nuclease-free water	200 rxn
100bp DNA ladder	Concentration 6X Label or Dye Xylene Cyanol FF, Bromophenol Blue, Orange G Ready to Load Yes Gel Compatibility Agarose Gels Product Type DNA Ladder Size Range	1 Pack

	100 to 3000 bp packaging Quantity 50 µg	
6x DNA loading Dye	Concentration 6 X Product Type DNA Gel Loading Dye Gel Compatibility Acrylamide Gels, Agarose Gels Two-color tracking of DNA migration during DNA electrophoresis No DNA masking during gel exposure to UV light EDTA binds divalent metal ions and inhibits metal dependent nucleases	1 Pack
Bromothymole Blue	Dye content 90 %, ACS reagent	25 g
Peptone	Bactriological	500 g
Amonium chloride	<i>ReagentPlus</i> [®] , ≥99.5%	1 Kg
Casein	From Bovine Milk	500 g
Agar	Bactriological	500 g

Appendix “B”

Financial Offer

TENDER NOTICE No. 780.37.2024

SUPPLY OF CHEMICALS FOR DEPARTMENT OF BOTANY, GCUF.

1	2	3	4	5	6		7	11	12
Sr. No.	Equipment Name With accessories as per technical bid	Model / Part #	Brand / Manufacturer Name/Countr y of origin	Qty	Currency Descriptio n (e.g. USD, EURO, ,PKR etc)	Unit Price	Rate of Sale TAX	Total Price (PKR) including GST etc	2% Bid Security (PKR) as per Estimated Price

Note: Rate should also be quoted on Firm’s letter head pad.

8 REJECTION AND ACCEPTANCE OF THE TENDER/BID

8.1. The Purchase Committee has the right, at his exclusive discretion, to increase / decrease the quantity of any or all item(s), under PPRA Rules 2014 without any change in unit prices or other terms and conditions, accept a Tender reject any or all tender(s), cancel / annul the Tendering process at any time prior to issuance of supply order, without assigning any reason or any obligation to inform the Tenderer of the grounds for the Purchaser's action, and without thereby incurring any liability to the Tenderer and the decision of the Purchaser shall be final.

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.

8.2. The Tender / bid shall be rejected if:

8.3. It is substantially non-responsive; or

8.3.1 There is any discrepancy between bidding documents and bidder's proposal i.e. any non-conformity or inconsistency or informality or irregularity in the submitted bid; or

8.3.2. The Bidder submits any financial conditions as part of its bid which are not in conformity with tender document.

9. DELIVERY TIME & PAYMENT

Delivery time shall be 30 to 45 days as per nature of good and extendible subject to request of firm on proper grounds with the approval of the Competent Authority. LD charges shall be levied on late delivery period @ 2.0 % per month- 0.067 % per day.

100% payment will be made to the Successful Bidder after delivery and installation of goods and on receipt of the following documents:

- i. Bill
- ii. Delivery Challan
- iii. General Sales Tax Invoice
- iv. Installation report / Inspection Report

Director

Procurement & Inventory Control, GC University Faisalabad
Government College University Faisalabad

ISSUED TO:

M/S -----

Details of Call Deposit Receipt (CDR)

Signature_____

No_____ Amount_____

Name of Bidder_____

Bank_____ Branch _____ City_____ CNIC No _____

Name of the Firm & Address _____ Contact -----

N.T.No. _____

Sales Tax No. _____

Issued By:

Director
Procurement & Inventory Control
Government College University Faisalabad
041-9201468