



COMSATS University Islamabad (CUI), Lahore Campus
Defence Road, Off Raiwind Road, Lahore

Tender No. CUI-LHR-TN-23-1728
 Case # 3886

Invitation to Bid
Single Stage One Envelope Procedure

Chemicals, Glassware & Consumable Items for Dr. Farasat Iqbal,
Department of IRCBM

Part: A GENERAL TERMS AND CONDITIONS

1. *All pages of bidding documents are mandatory to be signed / stamped, meaning thereby bidder agrees to our terms & conditions mentioned herein, failing which the bid may be rejected.*
2. *Any addition, deletion or modification of any clause of the procurement terms & conditions/BoQs of CUI-Lahore Campus by any vendor will not be acceptable and may lead to rejection of the bid.*
3. *Only registered Suppliers, who are on Active Taxpayers List (ATL) of FBR (GST & Income Tax), are eligible to participate in tender.*
4. The contract will be executed and handed over in satisfactory conditions up to the entire satisfaction of COMSATS University Islamabad, Lahore Campus.

5. Tender Fee & Earnest Money/CDR

- a. Documents along with Pay Order / Demand Draft amounting to **Rs. 1,500/-** as a tender documents fee (Non-Refundable) shall be submitted in favor of COMSATS University Islamabad, Lahore to the address given below. No proposal/bid will be accepted without tender documents' fee.
- b. The bidder is required to furnish in form of Bank deposit/ CDR / Pay order equivalent to **2% of the total bid price** as Earnest Money crossed in favor of "COMSATS University Islamabad, Lahore Campus", which shall be released after the completion of work / supply on submission of written request on firm / company letterhead. Any bid not accompanied by Earnest Money shall be rejected without any right of appeal.

6. COMSATS University Islamabad, Lahore Campus will retain 5% of the total value of the Invoice as security against item at Sr. # 38 i.e. Pipette Gun is required in our BoQs. The retention money will be released after the warranty period i.e. 14 months subject to a satisfactory report by the end user. The warranty period will be counted from the date of installation.

7. Part / Advance payments is not allowed.

8. The exact completion/delivery time from the date of the purchase / work order will be **40 days**. The handing over / completion time for this contract is of critical importance.
9. Your bid proposal should be inclusive of freight and all taxes to be delivered at COMSATS University Islamabad, Lahore Campus's premises.
10. Applicable Income tax and GST will be deducted at source/as per rules. In case of exemption, please mention and attach the proper documentation duly verified from the concerned tax authorities/FBR; however, CUI will be final authority to accept or reject the exemption certificate. In case of rejection, CUI will deduct all applicable taxes as per tax rate. CUI will provide a certificate of tax deduction and the vendor may claim refunds from Tax Authorities/FBR.
11. Multiple rates of an item may also lead to the rejection of bid / item.
12. After opening of bids, COMSATS University Islamabad, Lahore Campus will examine the bids for completeness as per tender document.
13. In case more than one bidder have quoted same rates for an item; the bidder securing more items (in terms of cost) will be awarded the specific item.
14. Purchase order (s) will be awarded to the evaluated lowest bidder (s) **Part A on Item wise Basis and Part B,C,D,E,F & G on Sub Total Wise Basis.**
15. The bid should be submitted in a sealed envelope up to **December 20, 2023** on or before **1400hrs** and will be opened on the same date **at 1430hrs** in the presence of available bidders. In case of any holiday is announced by the Govt. OR any unforeseeable circumstances that prevent the tender from being opened on the date announced (Force Majeure Situation), the tenders will be opened on the very next working day. Timing will remain as mentioned in the tender notice.
16. The envelope should be marked as under;

Secretary, Purchase Committee
COMSATS University Islamabad, Lahore Campus
 Defence Road, Off Raiwind Road, Lahore.
 Tel: 042-111-001-007, Ext: 875
17. The envelope shall also bear the word **“CONFIDENTIAL”** and following identification quotation of **“Chemicals, Glassware & Consumable Items for Dr. Farasat Iqbal, Department of IRCBM, CUI-Lahore Campus”**.
18. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
19. If the vendor fails to deliver the goods / services to COMSATS University Islamabad (CUI), Lahore Campus within the given deadline, any of the following can be opted by CUI Lahore campus on the recommendation of the end user and approval of the authority;
 - a. An extension in the delivery period may be granted in case a valid reason/justification with necessary documentary evidence is provided by the vendor supporting the reason for delay.
 - b. A penalty upto 10% of the invoice value may be charged.
 - c. Purchase order may be cancelled along with confiscation of earnest money if the vendor fails to deliver the goods / services after the initial or extended delivery time, as the case may be.
20. If the delivered goods / services are not according to the required quality standards / specifications, the same shall be liable to be rejected after inspection. The vendor would be required to supply as per requirements

mentioned in our BoQs, otherwise the purchase / work order will be cancelled after due date with confiscation of earnest money.

- 21. Any defective / sub-standard item (s) will be replaced by the bidder in same quoted cost. In case of failure to supply the specific item, CUI-Lahore may issue PO to next lowest bidder to supply the item while the difference of amount will be deducted from the 1st lowest bidder’s earnest money.
- 22. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.
- 23. Payment will be made as per PPRA rule on submission of Invoice in the name of “COMSATS University Islamabad, Lahore Campus” with a copy of delivery challan (s) after the complete order has been supplied, inspected and accepted which includes delivery / installation, and COMSATS acceptance / inspection thereof.
- 24. All prices should be quoted on F.O.R (Pak Rupees) inclusive of all applicable taxes.
- 25. All prices should be valid for at least **60 days**. Withdrawal or any modification of the original offer within the validity period shall entitle CUI- Lahore to forfeit the earnest money in favor of the CUI-Lahore and / or put a ban on such vendor participation in tenders / works.
- 26. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
- 27. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
- 28. The CUI-Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
- 29. The prices / cost will be considered as inclusive of all applicable taxes.
- 30. CUI-Lahore Campus shall disqualify any firm(s), if at any stage; it finds that the information submitted, or documents provided are inaccurate, fake, ambiguous or incomplete.
- 31. COMSATS University Islamabad, Lahore Campus reserves the rights to accept or reject the bid if;
 - i. Received without earnest money
 - ii. Received later than the date and time fixed for tender submission
 - iii. The tender is unsigned/ unstamped
 - iv. The offer is ambiguous
 - v. The offer is conditional
 - vi. The offer is from a firm, which is black listed by any Govt. Office.
 - vii. The offer is received by telephone/telex/fax/telegram.
 - viii. Any unsigned / ambiguous erasing, cutting / overwriting etc. is made.
- 32. The bidder should furnish a certificate as worded below in token of acceptance of all the terms and conditions of the tender otherwise the tender will not be considered under any circumstances.
- 33. The undersigned affirm that the terms and conditions as contained in this document have been read and accepted and that in the event of selection of my/our rate the agreement in the prescribed form will be entered into:

- **Company / Vendor Name:**.....
- **Postal Address:**.....
- **Tel. / Mobile:**.....**Email:**.....
- **NTN# :**.....**GST#:**.....

Signature & Stamp of Bidder

- Signature:

Please also attach the Certificate supporting being Active Taxpayer as per requirement of FBR.

Part B: BoQs of Chemicals, Glassware & Consumable Items for Dr. Farasat Iqbal, Department of IRCBM, CUI-Lahore Campus

Vendors must provide both the unit and total price of each item and calculations must be made carefully to avoid mistakes. However, in case, the total price does not match the unit price and quantity due to a calculation error or typo error, any of the following can be opted:						
1. The bid may be rejected on the reason of ambiguity (OR) 2. Unit price will be considered as final, and the total price of the respective item will be calculated by multiplying it by the quantity required. Sub-totals and grand totals will also be corrected accordingly						
No change in the BoQs (Specs & Qty.) of CUI-Lahore Campus as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e., model/brand or Price). Any modification in CUI-Lahore Campus BoQ may lead to the rejection of the bid (fully or partially).				Rates to be quoted inclusive of all (applicable) taxes		
Sr.	Item Name & Specifications	Qty.		Quoted Model / Brand	Unit Price (Rs.)	Total Price (Rs.)
Part A (on Item Wise basis)						
1	Sulfuric acid Molecular weight: 98.08, Purity 95-97%, expiry date \geq 1 year 7664-93-9 or equivalent (Packing: 1 Liter/Pack)	1	No.			
2	Potassium phosphate dibasic, trihydrate Molecular weight: 228.22, Purity: 99.0%, expiry date \geq 1 year 16788-57-1 or equivalent (Packing: 500g/Pack)	1	No.			
3	Ethanol Molecular weight: 46.07, Purity 99.0%, expiry date \geq 1 year 64-17-5 or equivalent (Packing: 2.5 Liter/Pack)	1	No.			
4	Zinc powder 325 mesh or 44 micron or even finer, Assay \geq 99%, expiry date \geq 1 year (Packing: 1 Kg/Pack)	6	Nos.			
5	PBS tablet Dissolving one tablet of PBS buffer in 1 liter of deionized H ₂ O, individually packed,	10	Nos.			

	expiry date \geq 1 year (Packing: 1 Tablet/Pack)					
6	Nutrient broth 70122, Liquid medium suitable for microbiology, expiry date \geq 1 year (Packing: 100g/Pack)	5	Nos.			
7	Isopropanol 67-63-0 or equivalent, Molecular weight: 60.10, Purity: \geq 99.5%, expiry date \geq 1 year (Packing: 1 Liter/Pack)	5	Nos.			
8	Penicillin streptomycin solution solution contains 10,000 I.U./mL Penicillin, 10,000 (μ g/mL) Streptomycin, expiry date \geq 1 year (Packing: 100 mL/Pack)	1	No.			
9	Chromium oxide Molecular weight = 99.99, Formula = CrO ₃ , expiry date \geq 1 year 1333-82-0 or equivalent (Packing: 500g/Pack)	1	No.			
10	Sodium dichromate dihydrate Molecular weight = 298, Formula = Na ₂ Cr ₂ O ₇ ·2H ₂ O, Purity = 99.9%, expiry date \geq 1 year 7789-12-0 or equivalent (Packing: 500g/Pack)	1	No.			
11	Nitric acid Molecular weight: 63.01, purified by redistillation, \geq 99.999% or similar, expiry date \geq 1 year 7697-37-2 or equivalent (Packing: 2.5 Liter/Pack)	1	No.			
12	Reverse Transcriptase Kit 11468120910 or equivalent kit of 1 (14 components) for 200 reactions, expiry date \geq 2 year	1	Pack			
13	Alpha MEM Minimum Essential Medium Eagle (Alpha Modification), without ascorbic acid, Powder form, expiry date \geq 2 year (Packing: 10 Liter/Pack)	2	Nos.			
14	Calcein AM Staining Kit with Propidium Iodide 148504-34-1 or equivalent expiry date \geq 2 year	1	Kit			
15	FBS Sterile, filtered, Heat Inactivated expiry date \geq 2 year (Packing: 500mL/Pack)	1	No.			

16	Trypsin/EDTA solution 5.0 g porcine trypsin and 2 g EDTA, 4Na per liter of 0.9% NaCl, expiry date \geq 1 year (Packing: 100mL/Pack)	5	Nos.			
17	Teflon tape Thread Seal Tape	5	Pcs			
18	Scotch tape transparent (1 inch 40 yards)	5	Pcs			
19	Paper tape Masking tape (1 inch width)	10	Pcs			
20	Face mask (surgical) Max size (Packing: 50 pcs/pack)	5	Packs			
21	Surgical Gloves powder free (Nitrile Examination Gloves) Safety or equivalent (Packing: 100 gloves/pack)	5	Pack			
22	Paraffin tape 250' Length x 2" Width	3	Pcs			
23	Calibration Weights for Analytical Balance 1 mg or 0.001 g	1	No.			
24	Wash Bottles Narrow-mouth, capacity 500 mL	2	Nos.			
25	Aluminum Foil Roll (60 x 200 cm) Diamond or equivalent	5	Nos.			
26	Jumbo Tissue Rolls Max size Rose Petal or equivalent	5	Nos.			
27	Test tube rack 20mm, 4 x 5 array	3	Pcs			
28	Syringes 20 ml with a needle, individually wrapped in peelable film	500	Pcs			
29	Syringe filters (0.45 um) Disposable lab filter membrane, nylon material, 0.45 um (Packing: 100 pcs/pack)	1	Packs			
30	Syringe filters (0.22 um) Disposable lab filter membrane, nylon material, 0.22 um (Packing: 100 pcs/pack)	2	Packs			

31	pH-indicator strips pH 0 - 14 Universal indicator (Packing: 100 strips/Pack)	10	Pack			
32	Chemical Resistant Steel Ring Stand Set with test tube holding clamp 8 Inch x 5 Inch Base, 24 Inch Rod or similar	1	No.			
33	Rapid flow Sterile Disposable Filter Unit Filter units with CN OR Nylon membranes, 1000 ml	5	Nos.			
34	24 Well plate Flat, Sterile, Individually Wrapped In Peelable Film	35	Pcs			
35	Slides Microscope slides, frosted on one side, one end (Packing: 500 pcs/pack)	1	Pack			
36	Cover glass L x W 18 mm x 18 mm, square (Packing: 100 pcs/pack)	3	Pack			
37	Tool set 77 Pcs Tools Set Made from high-quality tool steel Include : 1 Pcs 1/2" ratchet wrench,45T 18Pcs 1/2" Hexagonal Socket: 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32MM 1 Pcs 1/2" Extension bar:250mm(10") 1 Pcs 1/2" Dr. Universal joint 2 Pcs Spark plug socket 1/2"Dr.16MM&21MM 1 Pcs 1/2"*3/8" three way adaptor 1 Pcs 1/4" ratchet wrench,45T 13Pcs 1/4" Hexagonal Socket:4-4.5-5-5.5-6-7-8-9-10-11-12-13-14 1 Pcs 1/4" Extension bar:100mm(4") 1 Pcs 1/4" sliding "T" bar 1 Pcs 1/4" Dr. Universal joint 8 Pcs Combination spanner:6-8-10-12-14-15-17-19MM 1 Pcs 300g Machinist hammer 1 Pcs 7" Combination Pliers 1 Pcs 6" Long nose pliers 1 Pcs SL6.5*100 Screwdriver 1 Pcs PH2*100 Screwdriver 14Pcs Bit socket: T10-T15-T20-T25-T27-T30-T35-SL4-SL5.5-SL6.5-PH1-PH2-PZ1-PZ 9 Pcs Hex key 1.5-2-2.5-3-4-5-6-8-10MM (Complete set as per above mentioned detail)	1	Set			

38	0.1-200ml Pipette gun Volume range = 0.1-200ml Color = Blue Battery Charging = 12 hours Controller Voltage =110-240V Warranty =14 months Usage = For all the standard pipette use Single Pack size: 24*22*6 cm (Each piece should be individually packed)	1	No.			
Part B (Sub Total Wise Basis)						
39	GAPDH Forward primer 5'-CTGACTTCAACAGCGACACC-3' HPLC purified , expiry date ≥ 2 year 50 nmol per Pack	4	Packs			
40	GAPDH Reverse Primer 5'-AGCCAAATTCGTTGTCATACC-3' HPLC purified , expiry date ≥ 2 year 50 nmol per Pack	4	Packs			
41	β-actin Forward Primer 5'-AGAGCTACGAGCTGCCTGAC-3' HPLC purified , expiry date ≥ 2 year 50 nmol per Pack	4	Packs			
42	β-actin Reverse Primer 5'-AGCACTGTGTTGGCGTACAG-3' HPLC purified , expiry date ≥ 2 year 50 nmol per Pack	4	Packs			
43	RUNX2 Forward Primer 5'-ATTCTGTAGATCCGAGCACC-3' HPLC purified , expiry date ≥ 2 year 50 nmol per Pack	4	Packs			
44	RUNX2 Reverse Primer 5'-GCTCACGTCGCTCATTTCGC-3' HPLC purified , expiry date ≥ 2 year 50 nmol per Pack	4	Packs			
45	COL1A1 Forward Primer 5'-CGTGACCAAAAACCAAAAGTGC-3' HPLC purified , expiry date ≥ 2 year 50 nmol per Pack	4	Packs			
46	COL1A1 Reverse Primer 5'-GGGGTGGAGAAAGGAACAGAAA-3' HPLC purified , expiry date ≥ 2 year 50 nmol per Pack	4	Packs			

47	ALP Forward Primer 5'-ATGGGATGGGTGTCTCCACA-3' HPLC purified , expiry date \geq 2 year 50 nmol per Pack	4	Packs			
48	ALP Reverse Primer 5'-CCACGAAGGGGAAGTTGTC-3' HPLC purified , expiry date \geq 2 year 50 nmol per Pack	4	Packs			
Sub Total Amount of Part B (Rs.)						
Part C (Sub Total Wise Basis)						
49	Pipette tips (Blue) Capacity 1000 μ L, (Packing: 1000tips/pack)	1	Pack			
	Pipette tips (Yellow) Size 200 μ L (Packing: 1000tips/pack)	2	Pack			
	Pipette tips Capacity 10 μ L, (Packing: 1000 tips/pack)	2	Pack			
Sub Total Amount of Part C (Rs.)						
Part D (Sub Total Wise Basis)						
50	Zip lock bags with white strips for writing Size (120mm*180 mm) (Packing: 100 pcs/pack)	2	Packs			
	Zip lock bags with white strips for writing Size (60 mm*80mm) (Packing: 100 pcs/pack)	5	Packs			
	Zip lock bags with white strips for writing Size (160mm*220mm) (Packing: 100 pcs/pack)	1	Pack			
Sub Total Amount of Part D (Rs.)						
Part E (Sub Total Wise Basis)						
51	Falcons (Centrifuge tube) 15 ml, calibrated (Packing: 100 pcs/pack)	5	Packs			
52	Falcons (Centrifuge tube) 50 ml, calibrated (Packing: 100 pcs/pack)	5	Packs			
Sub Total Amount of Part E (Rs.)						
Part F (Sub Total Wise Basis)						
53	Sand Paper Silicon Carbide for Wood Furniture Finishing 320 size 11"L x 9"W, square pcs (Packing: 50 pcs/pack)	2	Pack			

	Sand Paper Silicon Carbide, for Wood Furniture Finishing 600 size 11"L x 9"W, square pcs (Packing: 50 pcs/pack)	2	Pack			
	Sand Paper Silicon Carbide, for Wood Furniture Finishing 1000 size 11"L x 9"W, square pcs (Packing: 30 pcs/pack)	1	Pack			
	Sand Paper Silicon Carbide, for Wood Furniture Finishing 1500 size 11"L x 9"W, square pcs (Packing: 30 pcs/pack)	1	Pack			
	Sand Paper Silicon Carbide, for Wood Furniture Finishing 3000 size 11"L x 9"W, square pcs (Packing: 30 pcs/pack)	1	Pack			
Sub Total Amount of Part F (Rs.)						
Part G (Sub Total Wise Basis)						
54	Vacuum storage boxes (Food storage box or similar) Packing Size (15*10*10 cm)	5	Pcs			
	Vacuum storage boxes (Food storage box or similar) Packing Size (19cm * 14cm * 28.5 cm)	5	Pcs			
	Vacuum storage boxes (Food storage box or similar) Packing Size (39cm* 32.3cm * 28.5cm)	5	Pcs			
Sub Total Amount of Part G (Rs.)						

Part C: Bid Evaluation Criteria

All bids shall be evaluated in accordance with the following evaluation criteria and other terms & conditions set forth in this bidding document.

- 1. Please submit the bid (rates) on our prescribed BoQs Form with complete terms and conditions signed & stamped, otherwise your bid (s) may be rejected.**
- 2. Brand name / model must be mentioned against items where required failing which the bid / item (s) may be rejected. Manufacturing origin can only be accepted against items where mentioned specifically in the BoQ form.**
- 3. Supporting literature of the quoted model must be attached (where available/required) for perusal of CUI Lahore to technically assess that the quoted item meet the required specifications and other conditions of our BoQs / tender document.**
- 4. The bids shall be evaluated to strictly ensure that the quoted brand/ model/ item meet all the BoQ/ specification requirements given in the tender document for each item.**

Signature & Stamp of Bidder

5. In addition to the BoQ requirements, vendors must meet the vendor qualification criteria /company profile requirements (if any), as set forth in this tender document.
6. Bidders are requested to quote genuine / quality products without compromising on quality. The supplied products shall be inspected by our technical experts with respect to BoQs requirements and quality standards.
7. *Bidders are required to quote Genuine A+ quality products as copy and low-quality products shall not be accepted and the bidder will be responsible to replace the items which are not found as per the required quality standard.*
8. **The concerned items should not be repacked, damaged or tempered.**
9. **The items must be shipped/delivered in properly packaged containers according to their recommended conditions (temperature, sunlight and such).**