



# COMSATS University Islamabad (CUI), Lahore Campus

## Defence Road, Off Raiwind Road, Lahore

Tender No. CUI-LHR-TN-23-1664  
Case # 3763

### Single Stage One Envelope Procedure

Title of Tender: Chemicals, Glassware & Consumable items for undergraduate Labs of Pharmacy Department

#### 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. **Please submit the bid (rates) on our prescribed BoQs Form with complete terms and conditions signed & stamped, otherwise your bid (s) may be rejected.**
5. 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. Part / Advance payments is not allowed.
7. **The exact completion/delivery time from the date of the purchase / work order will be 30 Days. The handing over / completion time for this contract is of critical importance.**
8. Your bid proposal should be in Pak Rupees inclusive of all applicable taxes and freight charges to be delivered at COMSATS University Islamabad, Lahore Campus's premises.

9. **Multiple rates of an item may also lead to the rejection of bid / item.**
10. After opening of bids, COMSATS University Islamabad, Lahore Campus will examine the bids for completeness as per tender document.
11. 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.
12. Purchase order (s) will be awarded to the lowest evaluated or technically recommended bidder (s) on the item wise basis & sub total basis as mentioned in the BoQs.
13. The bid should be submitted in a sealed envelope up to **May 24, 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 Majure Situation), the tenders will be opened on the very next working day. Timing will remain as mentioned in the tender notice.
14. 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
15. The envelope shall also bear the word **“CONFIDENTIAL”** and following identification quotation of **“Chemicals, Glassware & Consumable items for undergraduate Labs of Pharmacy Department, CUI-Lahore Campus”**.
16. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
17. **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;**
- 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.
  - A penalty upto 10% of the invoice value may be charged.
  - 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.
18. 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.
19. 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.
20. 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.

21. **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 not be liable to any payment and the complete applicable taxes will be deducted by CUI. CUI will provide a certificate of tax deduction and the vendor may claim refunds from Tax Authorities/FBR.**
22. 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.
23. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
24. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
25. The CUI-Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
26. The prices / cost will be considered as inclusive of all applicable taxes.
27. 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.
28. 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.
29. 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.
30. 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:** .....

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

**Part: B. BoQs of Chemicals, Glassware & Consumable items for undergraduate Labs of Pharmacy Department, CUI-Lahore Campus**

Vendors are required to provide both unit and total price of each item and calculations must be made carefully to avoid mistakes. However, in case, total price does not match with the unit price and quantity due to 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 total price of the respective item will be calculated by multiplying it with the quantity required. Sub-totals and grand total 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 rejection of 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.)
1	Cocoa butter (theobroma oil) Yellowish-white solid CAS # 8002-31-1 or equivalent ≥97%/commercial grade (Packing: 1kg)	1	No.			
2	Sodium Stearate CAS # 822-16-2 or equivalent Molecular weight: 306.45, white powder ≥99% (Packing: 500g)	1	No.			
3	Stearic acid CAS # 57-11-4 or equivalent MW: 284.48 White powder ≥98% (Packing: 1kg)	1	No.			
4	n-octanol CAS # 111-87-5 or equivalent MW: 130.23, Liquid, ≥99% (Packing: 500ml)	1	No.			
5	Bromine water Liquid MW: 159.81 CAS # 7726-95-6 or equivalent ≥95% (Packing: 1 Liter)	1	No.			
6	Copper Sulphate Linear Formula: CuSO <sub>4</sub> CAS # 7758-98-7 or equivalent Molecular weight: 159.61 Appearance: Granular, blue color, odourless ≥98% (Packing: 1kg)	1	No.			

7	Chloral hydrate CAS # 302-17-0 or equivalent MW: 165.4g/mol Commercial grade (Packing: 100g)	1	No.			
8	Safranin stain solution CAS # 477-73-6 or equivalent Red colour (Packing: 500ml)	1	No.			
9	Fast green stain CAS # 2353-45-9 or equivalent Molar mass (M) 808.84 g/mol, commercial grade (Packing: 25g)	1	No.			
10	Iron Chloride Iron(II) chloride hydrate ≥98 %, extra pure (Packing: 1kg)	1	No.			
11	Mercuric Iodide MW: 454.4 White beads CAS # 7774-29-0 or equivalent ≥97% (Packing: 500g)	1	No.			
12	Ninhydrin CAS # 485-47-2 or equivalent MW: 178.14 White to brownish white crystals ≥96% (Packing: 25g)	1	No.			
13	(Potassium Chloride CAS # 7447-40-7 or equivalent MW; 74.55 White crystalline solid ≥98% (Packing: 1kg)	1	No.			
14	Potassium Iodide CAS # 7681-11-0 or equivalent MW: 166 , Yellow particles ≥98% (Packing: 1kg)	1	No.			
15	Potassium bromide CAS # 7758-02-3 or equivalent MW 119 White crystals ≥99% (Packing: 500g)	1	No.			

16	<b>Picric acid</b> CAS # 88-89-1 or equivalent MW : 229.1 Yellow solutions, ≥96% (Packing: 1kg)	1	No.			
17	<b>Phloroglucinol</b> CAS # 108-73-6 or equivalent MW: 126.11 White to light beige crystalline powder , ≥95% (Packing: 100g)	1	No.			
18	<b>Silica gel, (0.006-0.2mm)</b> 70-30 mesh ASTM ≥96% (Packing: 1kg)	1	No.			
19	<b>Sodium nitroprusside</b> CAS # 14402-89-2 or equivalent MW: 238.93 Clear tan-gold Liquid, ≥97% (Packing: 1g)	1	No.			
20	<b>Vanillin</b> CAS # 121-33-5 or equivalent White to pale yellow crystalline powder MW: 152.15, ≥98%/commercial grade (Packing: 500g)	1	No.			
21	<b>Benzaldehyde</b> CAS # 100-52-7 or equivalent MW: 106.12 Pale Yellow Liquid , ≥97% (Packing: 2L)	1	No.			
22	<b>Aniline</b> CAS # 62-53-3 or equivalent MW: 93.13 Liquid , ≥98% (Packing: 1 Liter)	1	No.			
23	<b>Phenylhydrazine</b> CAS # 100-63-0 or equivalent MW: 108.14 White to slightly blue or light beige solid , ≥97% (Packing: 100g)	1	No.			
24	<b>p-amino phenol</b> CAS # 123-30-8 or equivalent MW: 109.13 White to cream crystallin solid , ≥ 98% (Packing: 1 Liter)	1	No.			
25	<b>Acetic anhydride</b> Linear Formula: (CH <sub>3</sub> CO) <sub>2</sub> O CAS # 108-24-7 or equivalent Molecular Weight: M.Wt:102.09 Colorless liquid, ≥ 98% (Packing: 100g)	1	No.			

26	<b>Benzoyl chloride</b> <b>Linear Formula: C<sub>6</sub>H<sub>5</sub>COCl</b> <b>CAS # 98-88-4 or equivalent</b> <b>Molecular Weight:</b> <b>M.Wt: 140.57</b> <b>≥ 98%</b> <b>(Packing: 500ml)</b>	1	No.			
27	<b>Benzoic acid</b> <b>Linear Formula: C<sub>6</sub>H<sub>5</sub>COOH</b> <b>CAS # 65-85-0 or equivalent</b> <b>M.Wt: 122.12</b> <b>≥ 98%</b> <b>(Packing: 500g)</b>	1	No.			
28	<b>p-Nitrobenzoic acid</b> <b>Light yellow crystalline powder</b> <b>Linear Formula: O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>CO<sub>2</sub>H</b> <b>CAS # 62-23-7 or equivalent</b> <b>Molecular weight: 167.12, ≥ 98%</b> <b>(Packing: 500g)</b>	1	No.			
29	<b>Conc. Ammonia ≥ 25%</b> <b>CAS # 1336-21-6 or equivalent</b> <b>Molecular Weight: 17.03</b> <b>(Packing: 500ml)</b>	1	No.			
30	<b>p-aminobenzoic acid (PABA)</b> <b>Molecular Formula : C<sub>7</sub>H<sub>7</sub>NO<sub>2</sub></b> <b>CAS # 150-13-0 or equivalent</b> <b>Appearance: White to off-white crystalline powder, ≥ 98%</b> <b>(Packing: 500g)</b>	1	No.			
31	<b>Tin powder</b> <b>Empirical Formula (Hill Notation): Sn</b> <b>CAS # 7440-31-5 or equivalent</b> <b>Molecular weight: 118.71</b> <b>Appearance: Grey crystalline powder</b> <b>(Packing: 500g)</b>	1	No.			
32	<b>Ferric sulphate</b> <b>Linear Formula: Fe<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub> · xH<sub>2</sub>O</b> <b>CAS # 15244-10-7 or equivalent,</b> <b>≥ 98%</b> <b>(Packing: 500g)</b>	1	No.			
33	<b>Pyridine</b> <b>Empirical Formula: C<sub>5</sub>H<sub>5</sub>N</b> <b>Molecular weight: 79.1</b> <b>Appearance: Colorless transparent liquid, ≥ 98%</b> <b>(Packing: 2.5 liter)</b>	1	No.			
34	<b>Tetrahydrofuran (THF)</b> <b>CAS Number: 109-99-9 or equivalent</b> <b>Appearance: colorless transparent liquid</b> <b>≥ 99%, anhydrous</b> <b>(Packing: 2.5 liter)</b>	1	No.			

35	Nutrient Agar Yellow colored, homogeneous, free flowing powder Bio lite UK or equivalent (Packing: 1kg)	1	No.			
36	Nutrient Broth Bio lite UK or equivalent (Packing: 1kg)	1	No.			
37	Petri plates high quality polystyrene 90mm Dia x 15mm Deep Sterile Petri Plates	300	Nos.			
38	Antibiotic discs <ul style="list-style-type: none"> <li>• Tetracycline</li> <li>• Gentamycin</li> <li>• Penicillin</li> <li>• Amoxicillin</li> <li>• Vancomycin</li> <li>• Linzolid)</li> </ul> <b>(02 Packs of each antibiotic)</b> (50 discs in one pack)	12	Pack			
39	Gram staining kit Bottles containing 250 mL of Gram Crystal Violet, Safranin, Gram Iodine and Gram Decolorizer each.	1	Kit			
40	Capped test tubes Specifications: Glass test tubes with 50 mL capacity	50	Nos.			
41	Test tube stands Specifications: (Stainless Steel) stand having 12 Test Tubes Capacity	10	Nos.			
42	Eppendorf tubes 1.5 mL capacity (500 pieces in one pack)	1	Pack			
	Eppendorf tubes 2 mL capacity (500 pieces in one pack)	1	Pack			
	Eppendorf tubes 5 mL capacity 200 pieces in one pack)	1	Pack			
43	Eppendorf tube stand Tube-Rack for 1,5 und 2,0 ml vials 36 seats, white, autoclavable	3	Nos.			
44	Micropipette white tip (100 µL capacity) (500 micropipette tips in one pack)	2	Packs			



45	Micropipette blue tip (1 mL capacity) (500 micropipette tips in one pack)	2	Packs			
46	Test tube holders Capacity 30ml Colour brass Material type Iron Shape is conical and size is 4-7inch	10	Nos			
47	<b>PATHOLOGY LAB</b> slides of Acute inflammation, Chronic inflammation, Chronic specific inflammation, Different types of Degeneration, Thrombosis, Embolism, Infarction, Necrosis, Gangrene, Hyperplasia, Metaplasia, Pigmentation, Calcification, CVC, Papilloma, Adenoma, Chondroma, Fibroma, Leomyoma, Neofibroma, Squamous Cell Carcinoma, Basal Cell Carcinoma, Transitional Cell Carcinoma, Adenocarcinoma, Fibrocarcinoma, Rhabdomyosarcoma, Leomyosarcoma, Lymphosarcoma, Liposarcoma, Reticular Cell Sarcoma, Hodgkins disease, Breast Carcinoma, Osteogenic Sarcoma, Osteoclastoma, Hapatitis, Diabetes  <b>Two slides of each disease mentioned (one normal slide and one diseased slide)</b>	70	Slides			
48	Magnesium stearate CAS # 557-04-0 or equivalent MW: 591.2g/mol, White powder (Packing: 500g)	1	Nos.			
49	Starch CAS # 9005-84-9 or equivalent White powder (Packing: 500g)	1	Nos.			
50	Lactose monohydrate White powder MW: 360.31 g/mol (Packing: 1 kg)	2	Nos.			
51	Beaker (100 mL) Capacity 100ml, dimensions 50*70mm Diameter 50mm Length 70mm 5mm thick Beaker Style griffin Pyrex or equivalent	200	Nos.			

52	<b>Beaker (50 mL)</b> Capacity 50ml Height 56mm O.D 42 mm 5mm thick Beaker Style griffin Pyrex or equivalent	150	Nos.			
53	<b>Beaker (1000 mL)</b> Capacity 1000 ml, Height 158 mm O.D 108 mm 5mm thick Beaker Style griffin Pyrex or equivalent	20	Nos.			
54	<b>Beaker (500 mL)</b> Capacity 500ml, Height 136mm O.D 75 mm 5mm thick Beaker Style griffin Pyrex or equivalent	20	Nos.			
55	<b>Beaker (250 mL)</b> Capacity 250ml, Height 90mm O.D 74.3 mm 5mm thick Beaker Style griffin Pyrex or equivalent	25	Nos.			
56	<b>Conical flask (250 mL)</b> Capacity 250 ml Material Borosilicate glass Height 145mm O.D 85 mm Approx. Neck O.D. 34 mm. Bottom shape Round Pyrex or equivalent	50	Nos.			
57	<b>Conical flask (100 mL)</b> Capacity 100 ml Material Borosilicate glass O.D 64 mm Height 105mm Approx. Neck O.D. 22 mm. Bottom shape Round Pyrex or equivalent	100	Nos.			

58	<b>Conical flask (50 mL)</b> <b>Capacity 50 ml</b> <b>Material Borosilicate glass</b> <b>O.D 51 mm</b> <b>Height 85mm</b> <b>Approx. Neck O.D. 22 mm.</b> <b>Bottom shape Round</b> <b>Pyrex or equivalent</b>	100	Nos.			
59	<b>Microcentrifuge tube (2mL)</b> <b>Dimensions: 146 *105*70 mm. Tube capacity:</b> <b>24 x 2.0 mL snap or screw-cap style tubes.</b> <b>Alkaon or equivalent</b>	1000	Nos.			
60	<b>Centrifuge (Falcon) tubes (50 mL)</b> <b>Greiner centrifuge tubes centrifuge tube, 50</b> <b>mL, 30 O.D x 115 mm length, conical (V)</b> <b>bottom, w/ graduations, I.D. with screw-cap</b> <b>Falcon or equivalent</b>	200	Nos.			
61	<b>Centrifuge (Falcon) tubes (10 mL)</b> <b>Greiner centrifuge tubes centrifuge tube, 10</b> <b>mL, 16 O.D x 104 mm length, conical (V)</b> <b>bottom, w/ graduations, I.D. with screw-cap</b> <b>Falcon or equivalent</b>	200	Nos.			
62	<b>Pre-Coated 96 Well Microplate (12 x 8 well</b> <b>strips)</b> <b>Dimension Length 127.71 mm x the width</b> <b>85.43 mm and the height is 14.10 mm</b> <b>Neolab or equivalent</b>	50	Nos.			
63	<b>Thermostat water bath Hh-6</b> <b>Model No. HH-6, Wincom or equivalent</b> <b>Temp. Range RT-99.9°C</b> <b>Power 1.5KW</b> <b>Working Size 46x30x12cm</b> <b>Structure Portable</b>	1	No.			
64	<b>Manual Microtome</b> <b>Model: YR418, Kalstein or equivalent</b> <b>Dimensions 570×440×290mm (W×D×H)</b> <b>Maximum Specimen Size, 60×70mm</b> <b>Minimum Setting of Sectioning Thickness,</b> <b>1µm,</b> <b>Net weight 28kg</b>	1	No.			
65	<b>Rotary Evaporator &amp; Heidolph Laborota</b> <b>4000 rotovap (Schwabach, Germany) or</b> <b>equivalent</b> <b>Speed Range 20-270/min</b> <b>Vertical Travel 140 mm</b> <b>Heating Power 1300 W</b> <b>Temperature Range, hot bath 20-100°C</b> <b>Heating Bath Diameter 240 mm</b> <b>Power Supply 115V, 50/60Hz</b> <b>Weight (glassware not included)37.47 lbs (17</b> <b>kg)</b>	1	No.			

	<b>Dimensions 15.59"W x 17.32"D x 14.17"H (39.6 x 44.0 x 36.0 cm) Evaporative power abt. 1000 ml H<sub>2</sub>O/h Cooling area 1200 cm<sup>2</sup></b>					
66	<b>Microscopes Model LB-202, (Labomed, USA) or equivalent Eyepiece WF10×/18mm Objective Plan Achromatic Objective 4×, 10×, 40×, 100×(Oil) Nosepiece Quadruple Nosepiece Stage Double Layer Mechanical Stage 125×115mm/ 75×35mm, Illumination 3W LED illumination, Brightness Adjustable, Package 1pc/carton, 34cm*25cm*42cm, 6.5kgs, NW: 5kgs</b>	10	Nos.			
67	<b>Soxhlets apparatus (500mL) Borosilicates glass Eisco Labs or equivalent</b>	5	Nos.			
68	<b>Clear glass vacuum Desiccator Made from heavy-duty borosilicate 3.3 glass. Inner diameter of the chamber measures 15cm (5.9") Holds a full vacuum (740mm Hg 20cm) at room temperature for 24 hours. Includes 132mm (5.2") porcelain sieve plate that rests on the 155mm (6.1") I.D. China or equivalent</b>	2	Nos.			
69	<b>Magnetic Stirrer Hot Plate Model 400, (Gallen Kamp, England) or equivalent Dimensions: W200mm x D200mm x H140mm, 3.5Kg, Hotplate 130mm Diameter</b>	13	Nos.			
70	<b>Heating mantles (220 volt) 500mL Dimensions 30.48 x 20.32 x 15.24 cm; 450 Grams Edulab or equivalent</b>	2	Nos.			
71	<b>800D Laboratory Low Speed Centrifuge or equivalent Max. speed: Start-4000rpm, Capacity: 20ML×6 (Angle Rotor), Fix Time: 0-60min, Power Supply: AC 220V 50Hz, Dimension: φ250mm × 230mm (D × H).</b>	2	Nos.			
72	<b>Pestle and Mortar, Procelain (medium) Mortar measurements are Overall: 2.1875"H X 4.75"W. Inside dimensions are: 1.875"H X 4"W. The Pestle is 4.75" long. The mortar will hold 150 ml. Chem Lab Supplies or equivalent</b>	50	Nos.			

73	<b>Cork borer cork borers, set of 6, 5 mm - 11 mm</b>	<b>5</b>	<b>Nos.</b>			
74	<b>Brushs (Rigger, round) The set of 5 includes one 666 One Stroke Flat Wash brush, ½ inch, 13mm (width at ferrule), thee 111 Round brush, size 0, 2, 6 and one 333 Rigger brush, size 1.</b>	<b>5</b>	<b>set</b>			
75	<b>Microspatula set of 8 Fisher brand or equivalent</b>	<b>10</b>	<b>set</b>			
76	<b>Blades 10 Double Edge Blades: Razor Blades (10 pieces in one pack) (Treet or equivalent)</b>	<b>50</b>	<b>Pack</b>			
77	<b>TLC Silica gel 60 F<sub>254</sub> 25 Aluminium sheets 20 x 20 cm Merck Germany or equivalent (25pieces in one pack)</b>	<b>15</b>	<b>Pack</b>			
78	<b>Spirit Lamps Capacity: 150 ml Height: 13 cm Width: 8.4 cm Empty Weight: 200g Fuel: Denatured Alcohol Category glass ware Mon Scientific or equivalent</b>	<b>20</b>	<b>Nos.</b>			
79	<b>Washing Bottles (250ml) 60x60x160 mm</b>	<b>5</b>	<b>Nos.</b>			
	<b>Washing Bottles (500ml) 90x90x190 mm</b>	<b>5</b>	<b>Nos.</b>			
80	<b>Petri dish (large) borosilicate glass petri dish, 100mm diameter and is 20mm tall Fisher Scientific or equivalent</b>	<b>100</b>	<b>Nos.</b>			
81	<b>Petri dish (small) borosilicate glass petri dish, 90mm diameter and is 15mm tall Pyrex or equivalent</b>	<b>100</b>	<b>Nos.</b>			
82	<b>Appollo Splash Spray Gun or equivalent Local or equivalent</b>	<b>10</b>	<b>Nos.</b>			
83	<b>Lab Stainless Steel Spatula Size 5" TO 12"</b>	<b>50</b>	<b>Nos.</b>			

84	Test tubes (22ml approx.) Dimensions 150 mm tall x 16 mm with 14 mm inside diameter Product material borosilicate glass Pyrex or equivalent	200	Nos.			
85	Test tube holder Capacity 50ml Colour brass Material type Iron Shape is conical and size is 4-7inch	50	Nos.			
86	Test tube stand 48hole steel test tube stand L x W x H 250 x 90 x 70 mm	20	Nos.			
87	Cole-Parmer Argos Technologies manual Pipette pumps (10 mL) Sterile No Max Volume (mL) (10) Description, Manual Pipette Pump, 10 mL, Green Fisher Scientific or equivalent	30	Nos.			
88	Glass Columns (glass) 100ml,24/40, Glass Chromatography Column, OD 25mm,Body Effective Length is 300mm,With PTFE Stopcock Pyrex or equivalent	10	Nos.			
89	Separating funnels (250 mL) capacity 250ml, two 24/40 ground glass joint, PTFE stopcock, Length 305mm, Bulb Diameter 76mm Pyrex or equivalent	20	Nos.			
90	Separating funnels (125 mL) Pyrex or equivalent Body OD: 63 mm (approx) Capacity: 125 ml Funnel style: Squibb separatory Height with stopper: 280 mm (approx)	20	Nos.			
91	Reagent bottles (100 mL) Pyrex or equivalent Bottle feature: Graduated Height: 100 mm (approx.) O.D: 56 mm (approx..)	30	Nos.			
92	Volumetric flask (100 mL) Pyrex or equivalent Capacity: 100 ml Height: 170 mm Stopper size: 14/23	50	Nos.			
93	Chromatographic jar with lids (glass) Capacity: 200/400 mL.	20	Nos.			

94	Tripod stand Stainless steel, Size 8 inch, Height 20 inch	20	Nos.			
95	Capillary tubes Pyrex or equivalent Size: 6.5mm OD x 1.00mm (100 pcs in one pack)	10	Pack			
96	Slide cover Size: 16 x 16 mm Shape: Square (200 pcs in one pack)	20	Pack			
97	Slides Size: 25.4 x 76.2 mm (1" x 3") Thickness: 1-1.2 mm Shape: Rectangular (72 pcs in one pack)	10	Pack			
98	Glass droppers Pyrex or equivalent Capacity: 15/50 mL	50	Nos			
99	Reflux condenser 24/29 300mm, Glass Coil reflux, ground joint	24	Nos.			
100	Round bottom flask 24/29 (100mL), single neck, Pyrex or equivalent	24	Nos.			
101	Round bottom flask 24/29 (100mL), Two Neck, Pyrex or equivalent	24	Nos.			
102	Magnetic stirrer (medium) 1 inch PTFE magnetic stir bar	24	Nos.			
103	Magnetic stirrer (large) 2 inch PTFE magnetic stir bar	24	Nos.			
104	Tweezer Stainless steel, Straight fine points, 4 inches long	24	Nos.			
105	Paper Cutter Blade dimension: 0.5 × 18x100 mm	12	Nos.			
106	Glass column for column chromatography Borosilicate Internal diameter: 16 mm Length: 300 mm	12	Nos.			
107	Funnel ( small) Borosilicate Size 25/50 mm	30	Nos.			

108	Funnel ( large) Size: 100 mm Borosilicate	30	Nos.			
109	Measuring cylinder 100mL Pyrex Height: 26 cm Width: 7	50	Nos.			
110	Measuring cylinder 50mL Pyrex height: 200 mm Width: 30	50	Nos.			
111	Measuring cylinder 10 mL Pyrex height: 135 mm Width: 20 mm	50	Nos.			
112	Separating funnel with stopcock 100ml/ 250 ml Bomex or equivalent L x W x H: 2.25 x 2.25 x 9.5 inches	12	Nos.			
113	Burette Stand with clamp Base 8" x 5" Rod 24" long Three finger clamp boss head	24	Nos.			
114	Burette Stand with ring clamp -Base 8" x 5" -Rod 24" long -Three finger clamp -boss head -Flask ring	24	Nos.			
115	Burette 100mL Borosilicate Glass 100ml capacity, 0.2ml graduation lines	24	Nos.			
116	Round bottom flask holder Stackable Polypropylene Round Bottom Flask Stand Size: 100 mL-500 mL	12	Nos.			
117	Titration flask 100 mL Pyrex or equivalent	24	Nos.			
118	Labelling tape White, Width ½ inch, length 500 inch	50	Nos.			
119	Safety gloves Disposable latex, Safety or equivalent 100 pairs per pack	50	Pack			



120	Safety Goggles Material: Soft PVC, Sealed type, Dust proof	100	Nos.			
121	Glass Pasture pipette with rubber Volume: 10 mL (50 pcs in one pack)	12	Pack			
122	Nest Pasture pipette (plastic) 5-10 mL (50 pcs in one pack) Nest or equivalent	12	Pack			
123	pH paper 80 strips per pack	24	Pack			

### **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. 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.
2. 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.
3. 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.
4. 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.
5. *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.*
6. *The concerned items should not be repacked, damaged or tempered.*
7. *The items must be shipped/delivered in properly packaged containers according to their recommended conditions (temperature, sunlight and such).*