



COMSATS University Islamabad (CUI), Lahore Campus

Defence Road, Off Raiwind Road, Lahore

Tender No. CUI-LHR-TN-23-1658
Case # 3743

Single Stage One Envelope Procedure

Title of Tender: Chemicals & Consumable Items for Department of Chemistry

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 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 40 Days. The handing over / completion time for this contract is of critical importance.**
8. Your bid proposal should be inclusive of freight and all taxes 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 **April 19, 2023** on or before **1100hrs** and will be opened on the same date **at 1130hrs** 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.
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 & Consumable Items for Department of Chemistry, 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;**
- 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.
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. **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.**

21. 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.
22. All prices should be quoted on F.O.R (Pak Rupees) inclusive of all applicable taxes.
23. 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.
24. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
25. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
26. The CUI-Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
27. The prices / cost will be considered as inclusive of all applicable taxes.
28. 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.
29. 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.
30. 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.
31. 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 & Consumable Items for Department of Chemistry

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.)
Part A (On Item Wise Basis) Sr. # 1 to 72						
1	Potassium Ferricyanide Appearance (Color) Yellow to Dark Yellow and Orange to Dark Orange to Dark Red; Appearance (Form) Powder May form clumps; Titration by Na ₂ S ₂ O ₃ > 98.5 % _ X-Ray Diffraction Conforms to Structure Size < 10.00 micron _ Chloride Content < 0.01 % _ Assay - FECD < 0.05 % _ as ferrocyanide radical Sulfate < 0.01 % CAS no. 13746-66-2; Sigma Aldrich or equivalent Packing: 50g	1	No.			
2	Sodium dihydrogen phosphate Appearance (Color) White to Off White; Appearance (Form) Powder or Crystals; Solubility (Color) Colorless Solubility (Turbidity) Clear CAS no.7558-80-7, Sigma Aldrich or equivalent Packing: 50g	1	No.			
3	Disodium Hydrogen Phosphate Appearance (Color) White to Off White ;Appearance (Form) Powder ;Insoluble matter < 0.01 % _ Loss on Drying < 0.2 %. CAS no. 7558-79-4, Sigma Aldrich or equivalent Packing: 1Kg	1	No.			
4	Potassium nitrate Appearance (Color) White; Appearance (Form) Powder or Crystals; X-Ray Diffraction Conforms to Structure CAS no. 7757-79-1, Sigma Aldrich or equivalent Packing: 50g	1	No.			

5	<p>Hydrazine monohydrate Appearance (Color) Colorless Appearance (Form) Liquid Infrared spectrum Conforms to Structure Titration with Na₂S₂O₃ 97.5 - 102.5 % CAS Number: 7803-57-8, Sigma Aldrich or equivalent Packing: 100g</p>	1	No.			
6	<p>Zinc nitrate hexahydrate (Zn (NO₃)₂ · 6H₂O) Appearance (Color) White; Appearance (Form) Powder or Crystals or Flakes; X-Ray Diffraction Conforms to Structure Complexometric EDTA 21.4 - 22.5 % ; Solubility (Turbidity) Clear to Slightly Hazy; Solubility (Color) Colorless CAS Number: 10196-18-6; Sigma Aldrich or equivalent Packing: 100g</p>	1	No.			
7	<p>N, N-Dimethylformamide Appearance (Clarity) Clear Appearance (Color) Colorless Appearance (Form) Liquid Infrared spectrum Conforms to Structure Purity (GC) > 99.0 % _ Water (by Karl Fischer) < 0.5 % CAS no. 68-12-2; Sigma Aldrich or equivalent Packing: 250ml</p>	1	No.			
8	<p>1,3,5-benzene tricarboxylic acid Reagent purity :98%; Color: White; Form: Powder; Infrared spectrum: Conforms to Structure; Turbidity: Clear 2.5% in Ethanol; Solubility (Color) Colorless; Titration with NaOH: 94.5 - 105.5 % CAS # 554-95-0; Sigma Aldrich or equivalent Packing: 100g</p>	1	No.			
9	<p>Iron (III) trichloride hexahydrate (FeCl₃·6H₂O) Reagent purity :98%; Color: Conforms to Requirements Yellow to Yellow Orange/Brown Form: Chunk(s) Chunks; X-Ray Diffraction: Conforms to Structure; Titration by Na₂S₂O₃: 97.0 - 102.0 % CAS#10025-77-1; Sigma Aldrich or equivalent Packing: 100g</p>	1	No.			
10	<p>Hydrofluoric Acid (HF) Reagent purity: 48%; Color: Colorless Form: Liquid Residue on ignition (Ash): < 5 ppm; Purity (Titration by NAOH): 48.0 - 51.0 % CAS No.: 7664-39-3; Sigma Aldrich or equivalent Packing: 500ml</p>	1	No.			
11	<p>Silver chloride purity 99%; Appearance (Color) White to Off-White Appearance (Form) Powder or Chunks X-Ray Diffraction Conforms to Structure Titration by AgNO₃ 74.1 - 76.3 % CAS no. 7783-90-6; Sigma Aldrich or equivalent Packing: 20g</p>	1	No.			

12	<p>Hydrazine Sulphate Salt ACS reagent, ≥99.0%; Color: White; Form: Powder or Crystals or Chunk(s); Infrared spectrum: Conforms to Structure; Titration by Iodine: > 99.0 %; Insoluble matter :< 0.005 %; C=6.67%, Residue on ignition (Ash) < 0.05 % CAS: 10034-93-2; Sigma Aldrich or equivalent Packing: 100g</p>	1	No.			
13	<p>Aluminum nitrate nonahydrate (Al(NO₃)₃ · 9H₂O Appearance (Color) White Appearance (Form) Crystals Infrared spectrum Conforms to Structure Complexometric EDTA 98.0 - 102.0 % Insoluble Matter < 0.005 % _ Chloride Content < 10 mg/kg CAS no. 7784-27-2; Sigma Aldrich or equivalent Packing: 100g</p>	1	No.			
14	<p>CTAB (Hexadecyltrimethyl-ammonium bromide) Appearance (Color) White; Appearance (Form) Powder or Crystals or Crystalline Chunk(s) or Granule or Flakes or Solid; Solubility (Turbidity) Clear to Slightly Hazy CAS no. 57-09-0; Sigma Aldrich or equivalent Packing: 100g</p>	1	No.			
15	<p>APTES(3-Aminopropyl-triethoxysilane) Reagent purity: 99%; color: colorless to almost colorless; form: liquid; purity (gc area %):≥ 98.5 % CAS no. 919-30-2; Sigma Aldrich or equivalent Packing: 100ml</p>	1	No.			
16	<p>Cobalt nitrate hexahydrate Appearance (Color) Red to Very Dark Red and Red-Brown and Brown-Red; Appearance (Form) Conforms to Requirements Crystals, Powder, Chips, Chunks, or Solid ;X-Ray Diffraction Conforms to Structure CAS no. 10026-22-9, Sigma Aldrich or equivalent Packing: 50g</p>	1	No.			
17	<p>Copper nitrate trihydrate Appearance: Dark Blue to Very Dark Blue; APPEARANCE (FORM): Powder or Crystals CAS no.10031-43-3; Sigma Aldrich or equivalent Packing: 250g</p>	1	No.			
18	<p>Vitamin B1 Thiamine hydrochloride Color: White Appearance Form: Powder Solubility Color: Colorless, Turbidity: Clear 50 mg/mL, Purity (HPLC): > 99 % CAS No 59-43-8; Sigma Aldrich or equivalent Packing: 25g</p>	1	No.			

19	<p>Vitamin B2 Riboflavin Color: Yellow to Orange; Form: Powder; Solubility (Color) : Yellow to Orange; Solubility (Turbidity): Clear 10 mg/ml; Purity (HPLC): > 98 % CAS No 83-88-5; Sigma Aldrich or equivalent Packing: 25g</p>	1	No.			
20	<p>Oxalic Acid Color: White to Off White; Form: Powder or Crystals; Infrared spectrum: Conforms to Structure Water (by Karl Fischer) :< 0.7 %; Purity (Titration by NAOH): 97.5 - 102.5 %. CAS No. 144-62-7; Sigma Aldrich or equivalent Packing: 250g</p>	1	No.			
21	<p>Vitamin B6 pyridoxine Color: White to Off-White; Form: Powder; Solubility (Color): Colorless to Very Faint Yellow ; Solubility (Turbidity) :Clear 50 mg/mL, 1 N HCL; Infrared spectrum: Conforms to Structure; Purity (HPLC): > 98 % CAS NO 65-23-6; Sigma Aldrich or equivalent Packing: 25g</p>	1	No.			
22	<p>Biotin (B7) Color: White to Off White; Form: Powder; Solubility (Color): Colorless to Faint Yellow; Solubility (Turbidity): Clear; Purity (HPLC) > 99 % CAS NO 58-85-5; Sigma Aldrich or equivalent Packing: 100mg</p>	1	No.			
23	<p>Folic acid (B9) Color: Faint Yellow to Dark Yellow and Faint Orange to Dark Orange and Yellow Orange; Form: Powder: Solubility (Color) Faint Yellow to Dark Yellow and Faint Orange to Dark Orange and Yellow Orange; Solubility (Turbidity) Clear to Very Slightly Hazy CAS NO 59-30-3; Sigma Aldrich or equivalent Packing: 10g</p>	1	No.			
24	<p>Vitamin C Ascorbic acid Color: White to Off-White; Form: Powder; Infrared spectrum: Conforms to Structure; Titration by Iodine: 98.5 - 101.5 %; Optical Rotation: 19.0 - 23.0 deg CAS NO 50-81-7; Sigma Aldrich or equivalent Packing: 100g</p>	1	No.			
25	<p>Acetonitrile Color: Colorless; Form: Liquid; UV Absorbance: 400nm < 0.0044; Purity (GC): > 95 %; Residue on Evaporation: < 0.0005 %; Water (by Karl Fischer): < 0.02 % CAS NO 75-05-08; Sigma Aldrich or equivalent Packing: 1 Liter</p>	1	No.			

26	<p>Toluene-4-sulphonic acid monohydrate Reagent purity: $\geq 98\%$; Color: White; Form: Powder or Crystals; Clarity: Clear c = 10g/50ml; Water Infrared spectrum: Conforms to Structure; Titration with NaOH: $> 98.50\%$; Water (by Karl Fischer): 9.5 - 11.5 %; Residue on ignition (Ash): $< 0.10\%$ CAS Number: 6192-52-5; Sigma Aldrich or equivalent Packing: 100g</p>	1	No.			
27	<p>2-amino terephthalic acid Reagent purity: 99%; Color: White to Yellow; Form: Powder or Crystal or Chunk(s); Infrared spectrum: Conforms to Structure; Titration with NaOH: 98.5 - 101.5 %; Purity (HPLC): $> 98.5\%$ CAS Number: 10312-55-7; Sigma Aldrich or equivalent Packing: 25g</p>	1	No.			
28	<p>Sulfuric acid Appearance (Color) Colorless; Appearance (Form) Viscous; Liquid Purity (Titration by NAOH) 95.0 - 98.0 % CAS no. 7664-93-9; Sigma Aldrich or equivalent Packing: 1 Liter</p>	1	No.			
29	<p>Anhydrous ferric chloride Reagent purity: $\geq 98\%$; Color: Faint Green to Dark Green and Grey to Very Dark Grey and Black; Form: Powder; Titration with $\text{Na}_2\text{S}_2\text{O}_3$: 33.1 - 35.6 % (As Fe) CAS No.: 7705-08-0; Sigma Aldrich or equivalent Packing: 100g</p>	1	No.			
30	<p>Sodium Arsenite Color: White to Yellow and Faint Grey to Grey, Form: Powder, Solubility (Color): Colorless to Yellow and Faint Grey to Grey and Yellow-Grey and Grey-Yellow, Turbidity: Clear to Turbid 100 mg/mL CAS Number: 7784-46-5; Sigma Aldrich or equivalent Packing: 1 liter</p>	1	No.			
31	<p>Graphite powder Color: Dark Grey to Black, Form: Powder, Size: < 20.0 micron CAS Number: 7782-42-5; Sigma Aldrich or equivalent Packing: 1kg</p>	1	No.			
32	<p>Aniline Color: Colorless to Dark Yellow and Colorless to Dark Brown-Yellow Material darkens in storage with no loss in purity; Form: Liquid; Infrared Spectrum: Conforms to Structure; Purity (GC): $> 99.50\%$; Residue on Ignition: $< 0.005\%$ CAS Number: 62-53-3; Sigma Aldrich or equivalent Packing: 100ml</p>	1	No.			

33	<p>Ammonium Persulphate Color: White to Off-White; Form: Powder or Crystals; Turbidity: Clear c = 100mg/ml; Water; Solubility (Color): Colorless CAS Number: 7727-54-0; Sigma Aldrich or equivalent Packing: 500g</p>	1	No.			
34	<p>Nafion color: colorless to very faint yellow; form: liquid; solid content:4.0 - 6.0 % (w/v); water: 15.0 - 25.0 %; infrared spectrum: conforms to CAS Number: 31175-20-9; Sigma Aldrich or equivalent Packing: 50ml</p>	1	No.			
35	<p>Hexacetyltrimethylammonium bromide Color: White; Form: Powder or Crystals or Crystalline Chunk(s) or Granule or Flakes or Solid; Solubility (Turbidity) Clear to Slightly Hazy 100 mg/mL H₂O; Solubility (Color) Colorless to Faint Yellow; Proton NMR spectra Conforms to Structure; Titration with HClO₄ > 98 %; Purity (TLC) > 98 % CAS Number:57-09-0, Sigma Aldrich or equivalent Packing: 100g</p>	1	No.			
36	<p>Trimesic acid Reagent purity :98%; Color: White; Form: Powder; Infrared spectrum: Conforms to Structure; Turbidity: Clear 2.5% in Ethanol; Solubility (Color) Colorless; Titration with NaOH: 94.5 - 105.5 % CAS # 554-95-0; Sigma Aldrich or equivalent Packing: 100g</p>	1	No.			
37	<p>Potassium permanganate Color: Conforms to Requirements Dark Green, Brown- Black, Purple or Black Form: Conforms to Requirements Crystals, Granules or Powder CAS No. 7722-64-7; Sigma Aldrich or equivalent Packing: 1kg</p>	1	No.			
38	<p>Sodium arsenate dibasic heptahydrate Color: White Appearance Form: Powder; Solubility (Color): Colorless Solubility (Turbidity): Clear to Slightly Hazy 100 mg/ml, H₂O %; Purity (Titration): > 98.0 CAS Number: 10048-95-0; Sigma Aldrich or equivalent Packing: 50g</p>	1	No.			
39	<p>Ammonia Solution Color: Colorless Appearance Form: Liquid Free of Suspended Matter Titration with HCl: 28.0 - 30.0 % NH₃ Sulfate < 2 ppm Substances reducing MnO₄ Pass Residue on ignition (Ash) < 0.002 % CAS# 1336-21-6; Sigma Aldrich or equivalent Packing: 1 Liter</p>	1	No.			

40	Citric acid Color: Colorless or White; Form: Crystals Infrared spectrum: Conforms to Structure Residue on Ignition (Ash) < 0.02 % CAS No.:77-92-9; Sigma Aldrich or equivalent Packing: 500g	1	No.			
41	Pyrrole Color: Colorless to Yellow to Brown-Yellow Material May Darken in Storage to Blue-Green or Grey with No Loss in Purity; Form: Liquid; Purity (GC) :> 97.5 % ; Infrared Spectrum: Conforms to Structure CAS Number: 109-97-7; Sigma Aldrich or equivalent Packing: 25ml	1	No.			
42	Methanol Reagent purity: ≥95%; Color: Colorless Form: Liquid Purity (GC): > 99.90 %;Residue on Evaporation :< 0.0005 % ; Water (by Karl Fischer): < 0.03 % CAS No.: 67-56-1; ; Sigma Aldrich or equivalent Packing: 1 Liter	1	No.			
43	Hydrofluoric acid Reagent purity: 48%; Color: Colorless Form: Liquid Residue on ignition (Ash): < 5 ppm; Purity (Titration by NaOH): 48.0 - 51.0 % CAS No.: 7664-39-3; Sigma Aldrich or equivalent Packing: 500ml	1	No.			
44	Urea Reagent purity: 99.0-100.5%; Color: White Form: Powder or Pellets; Titration by HClO4: 99.0 - 100.5 % CAS no .57-13-6; Sigma Aldrich or equivalent Packing: 100g	1	No.			
45	Chloroform Clarity: Clear Color: Colorless Form: Liquid Proton NMR spectra: Conforms to Structure; Purity (GC): > 99.50 % CAS no. 67-66-3; Sigma Aldrich or equivalent Packing: 1 Liter	1	L			
46	Thiourea Color: White to Off White; Form: Powder; Initial Melting Point > 174 °C CAS No 62-56-6; Sigma Aldrich or equivalent Packing: 100g	1	No.			
47	2-methylimidazole Reagent purity: 99%; Color: White to Light Yellow; Form: Powder or Crystals or Flakes or Chunks CAS no. 693-98-1; Sigma Aldrich or equivalent Packing: 100g	1	No.			

48	Hydrogen peroxide Reagent purity:35%; Color: Colorless Turbidity: Clear Form: Liquid; % Purity (Titration) 29.0- 32.0 CAS no.7722-84-1; Sigma Aldrich or equivalent Packing: 2.5 Liter	1	No.			
49	Ethanol Reagent purity 95%; CAS No.64-17-5; Sigma Aldrich or equivalent Packing: 2.5 Liter	1	No.			
50	Lithium fluoride Color: White CAS no. 7789-24-4; Sigma Aldrich or equivalent Packing: 100g	1	No.			
51	Trimethyl amine color: colorless to faint yellow; form: liquid; specific gravity: 0.920 - 0.950 CAS no. 75-50-3; Sigma Aldrich or equivalent Packing: 1 kg	1	No.			
52	Triethylamine Color: Colorless; Form: Liquid; Purity (GC) :> 99.50 %; Water: < 0.1 %; Infrared Spectrum: Conforms to Structure CAS No 121-44-8; Sigma Aldrich or equivalent Packing: 100ml	1	No.			
53	Lidocaine Appearance (Color) White Appearance (Form) Powder Infrared spectrum Conforms to Structure Carbon 70.3 - 73.2 % Nitrogen 11.7 - 12.3 % CAS no. 137-58-6, Sigma Aldrich or equivalent Packing: 100g	1	No.			
54	Iron nitrate nonahydrate Appearance (Color) Conforms to Requirements Off- White to Pale Purple Appearance (Form) Conforms to Requirements Moist Crystals Infrared spectrum Conforms to Structure CAS no. 7782-61-8; Sigma Aldrich or equivalent Packing: 100g	1	No.			
55	Tetrabutylammonium Chloride Appearance (Color) White to Light Yellow Appearance (Form) Powder or Solid or Chunk(s) Infrared spectrum Conforms to Structure Titration by AgNO3 97.5 - 102.5 % CAS no. 37451-68-6; Sigma Aldrich or equivalent Packing: 25g	1	No.			
56	Chitosan CAS Number: 9012-76-4; Appearance (Color) White to Beige Appearance (Form) Powder or Flakes Solubility (Color) Faint Yellow Solubility (Turbidity) Slightly Hazy to Hazy CAS Number: 9012-76-4; Sigma Aldrich or equivalent Packing: 25g	1	No.			

57	Coumarin Appearance (Color) White Appearance (Form) Powder Solubility (Color) Colorless to Very Faint Yellow Solubility (Turbidity) Clear CAS no. 91-64-5; Sigma Aldrich or equivalent Packing: 100g	1	No.			
58	Hexane-1-sulfonic acid sodium salt loss on drying: <2%; pH:5.5-7.5 CAS No 2832-45-3; Sigma Aldrich or equivalent Packing: 25g	1	No.			
59	Polyvinylpyrrolidone Nitrogen (anhydrous) 11.5 - 12.8 % Water (by Karl Fischer) < 5.0 % _ Appearance (Color) White to Off-White Appearance (Form) Powder Solubility (Color) Colorless to Light Yellow Solubility (Turbidity) Clear CAS Number: 9003-39-8, Sigma Aldrich or equivalent Packing: 50g	1	No.			
60	Hydrogen fluoride CAS no. 62778-11-4, Sigma Aldrich or equivalent Packing: 100ml	1	No.			
61	Diethyl ether Appearance (Color) Colorless Appearance (Form) Liquid Infrared spectrum Conforms to Structure Purity (GC) > 99.70 % _ BHT as Inhibitor > 1 ppm CAS no. 60-29-7; Sigma Aldrich or equivalent Packing: 100ml	1	No.			
62	Sodium sulfide Appearance (Color) Conforms to Requirements White to Pale Yellow to Yellow, Gold or Tan; Appearance (Form) Conforms to Requirements Powder, Granules, Chunks or Solid ICP Major Analysis Confirmed Confirms Sodium and Sulfur Components; Titration by Na ₂ S ₂ O ₃ 97.0 - 103.0 % CAS no. 1313-82-2; Sigma Aldrich or equivalent Packing: 10g	1	No.			
63	Butyl rubber Commercial Grade, Mooney viscosity 50 MLI, viscosity spread 6 MLI, unsaturation 1.4%-1.8%, mass loss at drying 0.3% max., Ash 0.4 % max. Sigma-Aldrich or equivalent	10	kg			
64	Porphyrin 5,10,15,20-Tetrakis(4-methoxyphenyl)-21H,23H-porphine cobalt (II) Appearance (Color) Conforms to Requirements Purple, Blue-Purple or Metallic Blue Appearance (Form) Powder or Crystals Infrared spectrum Conforms to Structure Wavelength 527 - 533 nm. CAS no. 28903-71-1; Sigma Aldrich or equivalent Packing: 10g	1	No.			

65	Aluminum chloride purity 99%; Appearance (Color) White to Light Yellow May Have a Blue Cast; Appearance (Form) Powder Titration by AgNO3 78.6 - 80.9 % CAS no.7446-70-0; Sigma Aldrich or equivalent Packing: 400g		1	No.			
66	Silane si69(Bis[3-(triethoxysilyl)propyl] tetrasulfide APPEARANCE (COLOR): Yellow to Very Dark Yellow and Green Yellow to Very Dark Green Yellow; APPEARANCE (FORM): Liquid; DENSITY: 1.070 - 1.090, commercial grade CAS no. 40372-72-3, sigma Aldrich or equivalent Packing: 1 Kg		1	No.			
67	Lignin Appearance (Color) Light Brown to Dark Brown Appearance (Form) Powder Infrared spectrum Conforms to Structure Carbon Sulfur pH 5.5 - 7.5 CAS no. 8068-05-1, sigma Aldrich or equivalent Packing: 100g		1	No.			
68	Mask Disposable surgical Mask 3 ply with nose pin (Packing: 50 pcs containing in one box)		6	Boxes			
69	Aluminum foil Dimensions: 30cm Wide x 150 meters long Diamond or equivalent		3	boxes			
70	Tissues hygienic laboratory tissue rolls Jumbo Size Hi-Jean / Rose Petal or equivalent		20	Rolls			
71	Cling film Size 30 cm x 100m x 5mm, Material: PVC, Color: Clear, Weight: 750g		3	rolls			
72	Parafilm 4 in. x 125 in. 675g ,5cm x 76.2 meters (2" wide x 250' long) for smaller application, 10cm x 38.1 meters (4" wide x 125' long) for medium sized Bemis or equivalent		3	rolls			
Part B (Sub Total Wise Basis) Sr. # 73							
73	Zipper bags	Dimension: 1.5 Inch x 2 Inch	100	Bags			
		Dimension: 2 Inch x 3 Inch	100	Bags			
		Dimension: 3 Inch x 3 Inch	100	Bags			
		Dimension: 3Inch x 5 Inch	100	Bags			
Sub Total Amount of Part B (Sr.# 73)							

Part C (Sub Total Wise Basis) Sr. # 74						
74	Surgical Gloves disposable examination gloves powder free for lab use,	Large Size (Packing: 100 pcs in one box) Handex / Latex or equivalent	03	Boxes		
		Medium (Packing: 100 pcs in one box) Handex / Latex or equivalent	03	Boxes		
		Small (Packing: 100 pcs in one box) Handex / Latex or equivalent	03	Boxes		
Sub Total Amount of Part B (Sr.# 74)						

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