COMSATS University Islamabad, Lahore Campus
Defence Road, Off Raiwind Road, Lahore

Tender No. CUI-LHR-TN-21-1490
Case # 3376

Single Stage One Envelope Procedure

Title of Tender: **Chemicals for Department of Chemistry, CUI-Lahore Campus**

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. Documents along with Pay Order / Demand Draft amounting to **Rs. 500/-** as a tender document fee (Non-Refundable) shall be submitted in favor of COMSATS University Islamabad, Lahore Campus to the address given below. No bid will be accepted without tender documents' fee.

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 delivered at COMSATS University Islamabad, Lahore Campus's premises.

9. After opening of bids, COMSATS University Islamabad, Lahore Campus will examine the bids for completeness as per tender document.

10. 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.

11. Purchase order (s) will be awarded to the lowest evaluated or technically recommended bidder (s) on the basis of item wise / subtotal wise / grand total wise according to the nature of BoQs.

12. The bid should be submitted in a sealed envelope up to **July 14, 2021** 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.

13. The envelope should be marked as under;

Signature & Stamp of Bidder

Secretary, Purchase Committee
COMSATS University Islamabad, Lahore Campus
Defence Road, Off Raiwind Road, Lahore.
Tel: 042-111-001-007, Ext: 875

14. The envelope shall also bear the word **"CONFIDENTIAL"** and following identification quotation of **"Chemicals for Department of Chemistry, CUI-Lahore Campus"**

15. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.

16. **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.

17. 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.

18. 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.

19. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.

20. Payment will be made 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. All prices should be quoted on F.O.R (Pak Rupees).

22. All prices should be valid for at least **90 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.

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28. **The bidder is required to furnish in form of <u>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"</u>. 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.**

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:

- **<u>Company / Vendor Name:</u>……..……**
- **<u>Postal Address:</u>……**
- **<u>Tel. / Mobile:</u>……..……<u>Email:</u>……..……**
- **<u>NTN# :</u>……<u>GST#:</u>……..**
- **<u>Signature:</u> ……**

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

<u>BoQs of Chemicals for Department of Chemistry, CUI-Lahore Campus</u>

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**

Note:

***However, vendor need to quote only total price in cases where unit price is not required.**

No change in the BoQs (Specs & Qty.) of CUI-LHR. 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-LHR. BoQ may lead to rejection of bid (fully or partially).					**Rates to be quoted inclusive of all (applicable) taxes**	
Sr. #	**Item Name & Specification**		**Qty**		**Quoted Model / Brand**	**Total Price (Rs.)**
1.	**N,N-Dimethylformamide**	**Physical state:liquid, clear Colour: colourless Relative density 0,944 g/mL Analytical grade 68-12-2 Sigma or equivalent**	**500**	**mL**		

2	N,N-Diisopropylethylamine	Physical Form: Liquid Melting point: -46°C Boiling Point: 127°C Density: .782 Molar Mass: 129.25g/mol Analytical grade 7087-68-5 or equivalent	100	mL		
3	Acetone	Physical state: liquid, clear Colour: colourless Boiling point (560C), Analytical grade 67-64-1 Sigma or equivalent	1000	mL		
4	2-amino-2-methyl-1-propanol	colorless liquid that is classified as an alkanolamine Analytical grade A9199-100ML Alfa Chemistry or equivalent	100	mL		
5	Ethanol	Liquid Analytical grade 1009831011 Sigma-Aldrich or equivalent	10	L		
6	Phenolphthalein	Colorless liquid Analytical grade 105945-100G Sigma-Aldrich or equivalent	100	g		
7	DMSO	Colorless Liquid, Melting Point: 190 Boiling Point: 189 Density: 1.10g/cm3 Analytical grade 67-68-5 or equivalent	500	mL		
8	KOH	Liquid, Analytical grade	500	mL		
9	Phenol	colorless liquid has a characteristic acrid or tart smell, Analytical grade 147230 Sigma-Aldrich or equivalent	500	mL		
10	Acetaldehyde	Liquid B.P -123 ºC and 20.2 ºC ,density 0.784 g mL-1, Analytical grade 75-07-0 or equivalent	1000	mL		
11	Stearyl methacrylate	Appearance pale yellow Physical form liquid Polymeric material , Analytical grade 411442-250ML Sigma-Aldrich or equivalent	250	mL		
12	Lauryl methacrylate	Colorless transparent liquid, Analytical grade 142-90-5 Sigma-Aldrich or equivalent	100	mL		
13	Toluene	Liquid, Analytical grade 244511-100ML Sigma-Aldrich or equivalent	100	mL		

14	**n-hexane**	**Liquid, Analytical grade 1043711000 Sigma-Aldrich or equivalent**	**1**	**mL**		
15	**Ethyl acetate**	**Liquid, Analytical grade 270989-100ML Sigma-Aldrich or equivalent**	**100**	**mL**		
16	**KMNO4**	**Liquid, Analytical grade 223468-25G Sigma-Aldrich or equivalent**	**25**	**mL**		
17	**30% Hydrogen peroxide**	**colorless liquid M.W:34.01 Purity: Not more than 60mg/Kg M.P: -0.430C B.P: 150.20C Density: 1.45g/cm3, 7722-84-1 or equivalent**	**600**	**mL**		
18.	**Porphyrin(C20 H14N4)**	**Stable aromatic compound, *liquid* at room temperature. MW:310.35 Purity: greater than and equal 99% Density:1.4g/cm3 B.P: 814.3+-65.00C, Analytical grade 1046-56-6 or equivalent**	**5**	**mL**		
19.	**Aniline**	**Liquid with 0.7mmHg vapor pressure, water soluble, 1.022 g/mL at 25 °C (lit.), Analytical grade 62-53-3/Sigma Aldrich or equivalent**	**2.5**	**L**		
20.	**Pyrrole**	**Liquid with density0.967 g/mL at 25 °C (lit.), Analytical grade 109-97-7/Aldrich or equivalent**	**2.5**	**L**		
21.	**Ethanediol**	**Anhydrous liquid with 0.08 mmHg (20 °C) vapor pressure, Analytical grade 107-21-1/Aldrich or equivalent**	**1**	**L**		
22.	**Ethylenediamin e**	**Appearance Form: liquid Color: colorless Odor amine-like, Analytical grade 107-15-3 /Aldrich or equivalent**	**2.5**	**L**		
23.	**Acetic acid**	**Appearance Form: liquid Colour: colourless Odour stinging, Analytical grade 64-19-7 or equivalent**	**5**	**L**		
24.	**Methanol**	**Physical state: liquid Colour: colourless Relative density 0,791 g/mL at 25 °C, Analytical grade 67-56-1 Sigma or equivalent**	**5**	**L**		
25.	**Hydrochloric acid**	**Appearance Form: liquid Color: light yellow Odor pungent, Analytical grade 7647-01-0 or equivalent**	**5**	**L**		

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26	Arsenic (III) chloride	Arsenic (lll) chloride colourless liquid, density 2.163g/cm3, melting point -16.2C, boiling point 130.2C 7784-34-1 or equivalent	1	L		
27	1,4 Dioxane	Color: clear Physical state:Liquid Melting point: 11.8°C Boiling point:101.1 °C Density:1.03 g/cm³, Analytical grade 123-91-1 or equivalent	500	mL		
28	APTS((3-Aminopropyl)triethoxysilane)	Liquid form. Density: 0.946g/m L Analytical grade 919-30-2 or equivalent	250	mL	-	
29	(3-chloropropyl) trimethoxy silane	Form: Liquid. Color: Clear colorless to slightly yellow B.P 195 °C, Density 1.09 g/mL Analytical grade 2530-87-2 or equivalent	100	mL		
30	Polyethylenimine	Branched, Analytical grade 9002-98-6 or equivalent	100	mL		
31	Acrylic acid	colorless liquid has a characteristic acrid or tart smell Analytical grade 147230-5G or equivalent	5	g		
32	1-Hydroxybenzotriazole Hydrate	White Crystalline Powder. Mol wt. 135.12 Desnity 1065g/cm3, Analytical grade 123333-53-9 or equivalent	50	g		
33	Phonolphthalein monophosphate (dicyclohexylamine)	Powder form , Analytical grade 185841-5G/ Sigma-Aldrich or equivalent	5	g		
34	Sodium phosphate dibasic dodecahydrate	Sodium phosphate is a colorless to white crystalline powder or granules. Analytical grade 71649-500G Sigma-Aldrich or equivalent	500	g		
35	Sodium phosphate dibasic heptahydrate	Powder form Analytical grade S9390-100G Sigma-Aldrich or equivalent	500	g		
36	Fuller earth	Powder form, 100 mesh particle size Analytical grade 8031-18-3 Sigma Aldrich or equivalent	1000	g		
37	China clay	Bolus, Aluminum silicate hydroxide, Hydrated aluminum silicate commercial grade	01	Kg		

38	**Magnesol**	**Powder form Analytical grade Sigma-Aldrich or equivalent**	**01**	**kg**		
39	**Britseorb**	**D 300 Powder form Analytical grade 797863-5M Sigma-Aldrich G or equivalent**	**10**	**g**		
40	**Fry powder**	**Powder form Analytical grade Miroil or equivalent**	**5**	**Kg**		
41	**Sodium hydroxide**	**Physical state: pellets Colour: white, Analytical grade 1310-73-2 Sigma or equivalent**	**1**	**kg**		
42	**Citric acid**	**Relative density 2,13 g/cm3 at 20 °C Analytical grade C0759-100G Sigma-Aldrich or equivalent**	**100**	**g**		
43	**Benzoic acid**	**anhydrous form crystallizes from hot water, Analytical grade 242381-25G Sigma-Aldrich**	**25**	**g**		
44	**Phenol**	**white (or colorless) solid Analytical grade P1037-25G Sigma-Aldrich or equivalent**	**250**	**g**		
45	**Acrylamide**	**a white crystalline solid that is volatile Analytical grade A8887-100G Sigma-Aldrich or equivalent**	**100**	**g**		
46	**Benzoyl peroxide**	**white odorless solid, soluble in water, Analytical grade 8016410010 Sigma-Aldrich or equivalent**	**10**	**g**		
47	**Alkaline phosphate standard**	**colourless solid, Analytical grade 10713023001 Sigma-Aldrich or equivalent**	**1000**	**g**		
48	**Potassium iodide**	**Free radical initiator, Analytical grade 221945-5G Sigma-Aldrich or equivalent**	**5**	**g**		
49	**Sod. Thiosulfate**	**homodimeric protein enzyme yellow color, Analytical grade 217263-5G Sigma-Aldrich or equivalent**	**5**	**g**		
50	**Iron Chloride. Hexahydrate**	**Solid, Analytical grade 10025-77-1 or equivalent**	**250**	**g**		
51	**Mercury (II) acetate**	**Solid, Analytical grade 1600-27-7 or equivalent**	**50**	**g**		

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52	Ytterbium (III) nitrate	MW:270.30, Analytical grade 35725-34-9 or equivalent	10	g		
53	Trimesic Acid	M.P: 3070C, Analytical grade 554-95-0 or equivalent	10	g		
54	Arsenic(II) sulfide (As2S2)	B.P: 280-2850C Analytical grade 1303-32-8 or equivalent	25	g		
55	Cellulose microcyrstalline	Density: 1.82g/cm3 Analytical grade 9004-34-6/US Pharmacopeia or equivalent	500	g		
56	Silver Nitrate	Purity:97%, Analytical grade 7761-88-8/Sigma Aldrich or equivalent	200	g		
57	Calcium Chloride	Solubility:912g/L Analytical grade 10043-52-4/SIGALD or equivalent	500	g		
58	Copper Chloride	Analytical grade 7758-89-6/SIGALD or equivalent	250	g		
59	Cobalt Nitrate Hexahydrate	MW:318.68. Analytical grade 10026-22-9/SIGALD or equivalent	500	g		
60	Iron Chloride II	M.p:179°C, Analytical grade 7758-94-3/Aldrich or equivalent	250	g		
61	Iron Chloride III	B.P:117.1°C, Analytical grade 13478-10-9/SIGALD or equivalent	250	g		
62	Sodium nitrate	Density:3.27g/cm3, Analytical grade 7631-99-4 or equivalent	1	kg	-	
63	Potassium nitrate	White to yellow crystals or powder, Analytical grade 7757-79-1 or equivalent	1	kg		
64	Sodium dodecyl sulphate	Analytical grade, 151-21-3 or equivalent	100	g		
65	Ammonium per sulphate	MW:449.13, Analytical grade 7727-54-0 or equivalent	250	g		
66	Nafion™ 117 containing solution or equivalent	Purity:99.9% Analytical grade 31175-20-9 or equivalent	250	mL		
67	Sodium acetate anhydrous	White crystal or crystalline powder Analytical grade 127-09-3 or equivalent	1	kg		
68	Lead (II) nitrate	State: Solid MW:210.14 Analytical grade, 10099-74-8 or equivalent	500	g		

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69	Chromium (II) nitrate	MP:>300°C Analytical grade 6147-53-1 or equivalent	100	g		
70	Chromium (III) nitrate	BP:~561.4°C Analytical grade, 7789-02-8 or equivalent	500	g		
71	Cadmium (II) chloride	Density:~1.7 Analytical grade 233-296-7 or equivalent	1000	g		
72	4-Nitrophenol	Purity:95% Analytical grade, 100-02-7/Aldrich or equivalent	100	g		
73	4-Aminophenol	Soluble in water ,ethanol Analytical grade 123-30-8/Sigma Aldrich or equivalent	250	g		
74	Methylene Blue	Crystalline solid Analytical grade 122965-43-9/Sigma Aldrich or equivalent	200	g		
75	Sodium Alginate	MW:213.97 Analytical grade 9005-38-3/Aldrich or equivalent	1	kg		
76	Alumina 1.0 µm powder	Purity: 95% Analytical grade 1344-28-1 or equivalent	1	kg		
77	Melamine(2,4,6-Triamino-1,3,5-triazine)	Orange crystal appeaence, Analytical grade 108-78-1 or equivalent	100	g		
78	P-phenylenediamine	Microcrystalline powder, particle size 55µm Analytical grade 106-50-3 Sigma or equivalent	100	g		
79	2-Methyl Imidazole	Appearance Form: solid Color: colorless , Analytical grade 693-98-1 or equivalent	100	g		
80	2-Hydroxy Terephthalic acid	Odor odorless, Analytical grade 636-94-2 or equivalent	5	g		
81	Zirconium TetraChloride (ZrCl4)	Melting point/freezing point Melting point/range: 212 °C - dec. f), Analytical grade 10026-11-6 or equivalent	50	g		
82	Terephthalic Acid	Appearance Form: powder, Analytical grade 100-21-0 or equivalent	50	g		
83	2-Amino Terephthalic Acid	Colour: white, Analytical grade 10312-55-7 or equivalent	100	g		
84	1,3,5-Triformylbenzene	Odour odorless, Analytical grade 3163-76-6 or equivalent	250	g		
85	Zinc Chloride ($ZnCl_2$)	Appearance Form: granules Analytical grade 7646-85-7 or equivalent	250	g		

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86	$TiCl_4$	Analytical grade 7550-45-0 or equivalent	500	g		
87	Urea	pH 5 at 50 g/l at 20 °C, Analytical grade 57-13-6 or equivalent	500	g		
88	Thiourea	Appearance Form: crystalline, Analytical grade 62-56-6 or equivalent	500	g		
89	$NiCl_2.6H_2O$	Color: red, Analytical grade 7791-20-0 or equivalent	500	g		
90	Cobalt acetate	pH 4,0 at 100 g/l at 20 °C, Analytical grade 71-48-7 or equivalent	10	g		
91	N-(3-dimethylaminopropyl)-N'-thylcarbodiimidehydrochloride	Appearance Form: solid, Analytical grade 25952-53-8 or equivalent	5	g		
92	2-amino-1,4-benzenedicarboxylate	Melting point/freezing point Melting point/range: 677 °C - lit. Initial boiling point and boiling range 1.023 °C, Analytical grade 10312-55-7 or equivalent	25	g		
93	1,4-diaminobenzene	Appearance Form: solid, Analytical grade 106-50-3 or equivalent	50	g		
94	2,4,6-Trihydroxy-1,3,5-benzenetricarbaldehyde	pH 2,5 at 100 g/l at 20 °C Melting point/freezing point Melting point: 105 - 110 °C - Elimination of water of crystallization, Analytical grade 34374-88-4 or equivalent	50	mg		
95	p-Toluenesulfonic acid monohydrate	Appearance Form: solid, Analytical grade 6192-52-5 or equivalent	500	g		
96	Thorium Nitrate	Odour odourless, Analytical grade 13823-29-5 or equivalent	100	g		
97	Nickel nitrate hexahydrate	Appearance Form: solid, Analytical grade 13478-00-7 or equivalent	10	g		
98	Ferrous sulfate heptahydrate	Analytical grade 7782-63-0 or equivalent	5	g		
99	Dysprosium(III) oxide	Melting point/range: 334 °C - lit. Analytical grade 1308-87-8 or equivalent	5	g		

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100	Dopotassium phosphate trihydrate	Appearance Form: Rods Color: white, Analytical grade 16788-57-1 or equivalent	250	g		
101	2,5-dihydrixytereph thalic acid	Odor odorless, Analytical grade, 610-92-4 or equivalent	5	g		
102	Nickel acetate tetrahydrate	white crystalline solid, Analytical grade, 6018-89-9 or equivalent	100	g		
103	Octyl bromide	~5% in a mixture of lower aliphatic alcohols and water, Analytical grade 111-83-1 or equivalent	100	g		
104	Butyl bromide	Appearance Form: crystalline Colour: white, Analytical grade 109-65-9 or equivalent	500	g		
105	Molybdenum (V) chloride	Appearance Form: solid Color: colorlesswhite Odor odorless, Analytical grade 10241-05-1 or equivalent	2	g		
106	Sodium Hexaflourophos phate	Appearance Form: powder, Analytical grade 21324-39-0 or equivalent	15	g		
107	Sodium Tetraflourobora te	Melting point/freezing point Melting point/range: 298 °C, Analytical grade 13755-29-8 or equivalent	25	g		
108	Morin Hydrate	Appearance Form: solid solid, Analytical grade 654055-01-3 or equivalent	10	g		
109	Sodium hydride	Odour of nitric acid, Analytical grade 7646-69-7 or equivalent	10	g		
110	Sodium metal	Analytical grade 7440-23-5 or equivalent	5	g		
111	Vinyl chloride	Appearance Form: solid Colour: yellow, Analytical grade 75-01-4 (daejunc) or equivalent	5	g		
112	Benzoic acid	pH 4,4 at 5 g/l at 24 °C e) Melting point/freezing point Melting point/range: 110 - 115 °C - lit. Analytical grade 242381-25G Sigma-Aldrich or equivalent	25	g		
113	β-Glycerophospha te	Appearance Form: powder, Analytical grade, 13408-09-8 or equivalent	100	g		
114	PBS Tablets	Color: beige Analytical grade 524650 or equivalent	200	tablets		
115	Buffer tablets	pH 4.2, 6, 7 Analytical grade 2374A, 2374D, 2375D at LOBAL Chemie or equivalent	100	tablets		

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116	Arsenic(III)chloride	Anhydrous, 99.99% Analytical grade, 7784-34-1 sigma or equivalent	200	g		
117	Cadmium(II)acetate	Anhydrous, 99.99% Analytical grade, 543-90-8 sigma or equivalent	200	g		
118	Mercury (II) iodide	Anhydrous, 99.99% Analytical grade, 7774-29-0 sigma or equivalent	200	g		
119	Cobalt nitrate hexahydrate	ACS reagent, 98% Analytical grade, 10026-22-9 sigma or equivalent	250	g		
121	Chitosan	Solid, Analytical grade, 9012-76-4 or equivalent	250	g		
124	Terephthalic acid	Appearance Form: solid, Analytical grade 100-21-0 or equivalent	100	g		
125	Polyethylene glycol	Analytical grade 25322-68-3 or equivalent	500	g		
126	Curcumin	Appearance Form: powder Analytical grade 458-37-7 or equivalent	10	g		
127	KAPPA-CARRAGEENAN	Physical state: white solid Analytical grade 11114-20-8 or equivalent	50	g		
128	Zein	Mol wt.126.12 Analytical grade 9010-66-6 or equivalent	500	g		
129	2-Imidazolecarboxaldehyde	Melting point:343°C, Analytical grade, 10111-08-7 or equivalent	5	g		
130	Methacrylic anhydride	Physical state:flakes Analytical grade, 760-93-0 or equivalent	500	mL		
131	Mercury Chloride	pH 9 at 50 g/l at 20 °C, Analytical grade, 7487-94-7 or equivalent	100	g		
132	2-Hydroxy-4′-(2-hydroxyethoxy)-2-methylpropiophenone	Melting point/range: 141 - 143 °C, Analytical grade 106797-53-9 or equivalent	10	g		

Signature & Stamp of Bidder

D. 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. **The bids shall be evaluated to strictly ensure that the quoted brand/ model meet all the BoQ/ specification requirements given in the bidding document for each item.**
2. **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.**
3. **Supporting literature (where available / required) of the quoted brand/ model must be attached for verification & technical evaluation of the required specification by the technical committee. In case of any clash is found between the quoted model and the supported literature may lead to rejection of bid.**
4. **The vendor must have an authorized dealer certificate of the quoted Product/Item (Certificate with current year's validity) from Original Manufacturer/Principal/International Distributor for all Chemical. In case if the local vendor provides the authorized dealer certificate from the International Distributor/Third Party so he is liable to provide the authorization letter issued to the International Distributor by the Original Manufacturer/Principal. All required documents must be attached with a bid otherwise such item/bid may be rejected.**

E. Special Terms and conditions;

1. **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.**
2. **Please submit the bid on COMSATS University Islamabad, Lahore Campus's prescribed BoQs and clearly mention the quoted model / brands as required in BoQs with complete terms and conditions signed, stamped with both bids, otherwise your bid (s) may be rejected.**
3. **Verifiable Lot # / Batch # / Certificate of Analysis must be provided at the time of delivery.**
4. **Chemicals which require special conditions e.g. low temperature etc. must be provided as such otherwise their delivery will not be accepted.**
5. **Under no circumstances should re-packed chemicals be provided.**
6. **Multiple rates of an item may also lead to the rejection of bid / item.**
7. **Purchase / work order shall be awarded on Item Wise Basis as mentioned in BoQs.**

Signature & Stamp of Bidder