



COMSATS University Islamabad (CUI), Lahore Campus

Defence Road, Off Raiwind Road, Lahore

Tender No. CUI-LHR-TN-13-19-1282

Case # 2810

Single Stage One Envelop Procedure

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

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, 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. 1000/-** as a tender documents 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 other taxes and to be delivered at CUI, Lahore Campus's premises.
9. After opening of bids, CUI, Lahore Campus will examine the bids for completeness as per tender document.
10. Purchase order (s) will be awarded to the lowest or technically recommended bidder (s) on the basis of item wise / subtotal wise / grand total wise according to the nature of BoQs.
11. The bid should be submitted in a sealed envelope up to **July 17, 2019** on or before **1400hrs** and will be opened on the same date **at 1430hrs** in the presence of available bidders.
12. 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

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

13. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
14. **If the vendor fails to deliver the goods / services to CUI-Lahore Campus in time then the penalty will be charged as under:-**
 - a. 1% per day of the invoice price for 5 working days.
 - b. 2% per day of the invoice price for further 5 working days.
 - c. If the vendor fails to deliver the goods / services during the extended period then the purchase / work order may be cancelled, earnest money and payment may be forfeited.
15. 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.
16. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.
17. 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.
18. All prices should be quoted on **F.O.R (Pak Rupees) inclusive of all taxes.**
19. 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 Campus to forfeit the earnest money in favor of the CUI-Lahore Campus and / or put a ban on such vendor participation in CUI tenders / works.
20. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
21. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
22. The CUI-Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
23. **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”.**
24. COMSATS University Islamabad, Lahore Campus reserves the rights to 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.
25. 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.

26. 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.

BoQs of Chemicals for Department of Chemistry, 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).				Prices should be quoted (inclusive of all applicable Taxes)	
Sr.#	Item Name	Qty		Quoted Model / Make	Total Price (Rs.)
1	Polysulfone From: pellets (Transparent) mol wt : average $M_n \sim 16,000$ by MO average $M_w \sim 35,000$ by LS	500	G		
2	Poly(oxy-1,4-phenylenesulfonyl-1,4-phenylene) Form : pellets	50	G		
3	Poly(methyl methacrylate-co-methacrylic acid) Feed ratio: 1:0.016 (methyl methacrylate:methacrylic acid) mol wt : average $M_n \sim 15,000$ by GPC average $M_w \sim 34,000$ by GPC	500	G		

4	Phosphate buffered saline	100	Tablets		
5	Acetic acid Grade: ACS Reagent Assay: 95% or above	5	Liter		
6	Acetamide Assay: ≥99.0% (GC)	1	Kg		
7	1-Methyl-2-pyrrolidinone Grade for HPLC Assay: 95 % or above λ: 300 nm A_{max}: 0.50 λ: 325 nm A_{max}: 0.10 λ: 350-400 nm A_{max}: 0.01	2.5	Liter		
8	Sodium tungstate dihydrate Grade: ACS Reagent Assay: 95% or above	100	G		
9	Dibenzothiophene Assay: 95% or above	100	G		
10	Acetonitrile Grade: anhydrous Assay: 95% or above	2.5	liter		
11	Biofilm test kit Fifteen different bacteria vials	1	Kit		
12	Sodium sulfate Grade: ACS reagent Anhydrous Assay 95% or above	500	G		
13	Graphite Flakes natural, -10 mesh, 99.9% (metals basis)	1	Kg		
14	meso-Tetraphenylporphyrin iron(III) chloride 98%	2	G		
15	Zirconium tetrachloride Assay (argentometric): Assay 95% or above	5	G		

16	1,3,5-Benzenetricarboxylic acid Assay (HPLC, area%): ≥ 95.0 % (a/a)	100	G		
17	Formic acid Reagent Grade Assay $\geq 95\%$	1	liter		
18	Cadmium nitrate tetrahydrate Assay 95% or above	100	G		
19	Lead(II) nitrate Grade: ACS reagent Assay: 95 % or above	100	G		
20	Copper(II) sulfate pentahydrate Grade: ACS reagent Assay: 95 % or above 98.0-102.0% (ACS specification)	100	G		
21	Mercury(II) chloride Grade: ACS reagent Assay: 95 % or above	100	G		
22	Hydrogen peroxide Assay:98%	1	L		
23	Chloroplatinic acid hexahydrate Grade: ACS reagent Assay: $\geq 37.50\%$ Pt basis	2	G		
24	Palladium(II) nitrate dehydrate Assay: $\sim 40\%$ Pd basis	5	G		
25	Rhodium(III) chloride hydrate (>38% Rh) 38% Rh Specifications: Gehalt aus Cl (calc. on anhydrous substance): 95 % or above	1	G		
26	Polyvinylpyrrolidone mol wt average mol wt 10,000	500	G		
27	Gelatin Appearance: faintly yellow to light yellowish-brown granular powder	1	Kg		

28	Sodium citrate dihydrate Assay: 95 % or above	1	Kg		
29	(+)-Sodium L-ascorbate Assay: 95 % or above	500	g		
30	Ethylene glycol Grade: anhydrous Assay: 95 % or above	2.5	liter		
31	Lanthanum(III) nitrate hexahydrate Assay (complexometric): 95 % or above	100	G		
32	Cerium(III) nitrate hexahydrate Assay 95 % or above trace metals basis	100	G		
33	Praseodymium(III) nitrate hexahydrate Assay: 95 % or above trace metals basis	50	G		
34	Neodymium(III) nitrate hexahydrate Assay: 95 % or above trace metals basis	100	G		
35	Samarium(III) nitrate hexahydrate Assay: 95 % or above trace metals basis	25	G		
36	Gadolinium(III) nitrate hexahydrate Assay: 95 % or above trace metals basis	10	G		
37	Terbium(III) nitrate pentahydrate Assay: 95 % or above trace metals basis	5	G		
38	Dysprosium(III) nitrate hydrate Assay: 95 % or above trace metals basis	25	G		
39	Holmium(III) nitrate pentahydrate Assay: 95 % or above trace metals basis	5	G		
40	Erbium(III) nitrate pentahydrate Assay: 95 % or above trace metals basis	25	G		

41	Ytterbium(III) nitrate pentahydrate Assay: 95 % or above trace metals basis	5	G		
42	Ammonium cerium(IV) nitrate Assay: 95 % or above (titration)	250	G		
43	Yttrium nitrate hexahydrate Assay: 95 % or above trace metals basis	25	G		
44	Copper nitrate Assay: 95 % or above trace metals basis	5	G		
45	Zinc nitrate hexahydrate Assay: 95 % or above	500	G		
46	Barium nitrate Grade: ACS reagent Assay: ≥ 95 % or above	100	g		
47	Cobalt(II) nitrate hexahydrate Grade: ACS reagent Assay: 95 % or above	100	G		
48	Nickel(II) nitrate hexahydrate Assay: 95 % or above trace metals basis	20	G		
49	Holmium(III) nitrate pentahydrate Assay: 95 % or above trace metals basis	5	G		
50	Lithium nitrate Assay: 95 % or above trace metals basis	25	G		
51	Iron(III) nitrate nonahydrate Assay: 95 % or above trace metals basis	10	G		
52	Magnesium nitrate hexahydrate Assay: 95 % or above	500	G		
53	Manganese(II) nitrate hydrate Assay: 95 % or above	500	G		

54	Aluminum nitrate nonahydrate Assay: 95 % or above trace metals basis	10	G		
55	Strontium nitrate Assay: 95 % or above trace metals basis	10	G		
56	Hexadecyltrimethylammonium bromide Assay: 95 % or above	100	G		
57	Polypyrrole conductivity 10-50 S/cm (pressed pellet) from solid	25	G		
58	Poly(vinylidene fluoride) Mol average M_n ~71,000 average M_w ~180,000 by GPC	100	G		
59	Poly(vinyl alcohol) M_w 146,000-186,000, 95 % or above hydrolyzed	25	G		
60	Polyaniline (emeraldine base) Mol wt: average M_w ~100,000	5	G		
61	Citric acid Assay: 95 % or above	500	G		
62	Ammonia solution	5	L		
63	Benzene-1,3,5-tricarboxaldehyde Assay: 95 % or above	250	mg		
64	1,3,5-Tris(p-formylphenyl)benzene Purity: 95 % or above	1	G		
65	p-Phenylenediamine Assay: 95 % or above	50	G		
66	Benzene-1,3,5-tricarboxaldehyde Assay: 95 % or above	250	MG		

67	Benzene-1,4-diboronic acid Assay: 95 % or above	5	G		
68	Mesitylene Assay: 95 % or above	5	ml		
69	1,4-Dioxane anhydrous, 95 % or above	1	liter		
70	2,3,6,7,10,11-hexahydroxytriphenylene Purity: 95 % or above	1	G		
71	Beef Extract Microbiology Grade	500	G		
72	Dextrose Microbiology Grade	500	G		
73	Urea Broth Base Microbiology Grade	500	G		
74	Lactose Microbiology Grade	500	G		
75	Tryptone Soy Broth Microbiology Grade	500	G		
76	Simmon citrate agar Microbiology Grade	500	G		
77	Tripple sugar iron agar Microbiology Grade	500	G		
78	MR-VP Broth Microbiology Grade	500	G		
79	Peptone Microbiology Grade	500	G		

80	Phenol Microbiology Grade	01	Kg		
81	Blue Agar Microbiology Grade	500	G		
82	Sodium Hydrogen carbonate Grade: ACS,Reag.Ph Eur	01	Kg		
83	Skimmed Milk Powder Microbiology Grade	500 gm	G		
84	Sodium succinate Microbiology Grade	250	G		
85	Tryptone Microbiology Grade	500	G		
86	Yeast extract powder Microbiology Grade	500	G		
87	Zinc chloride Microbiology Grade	01	Kg		
88	Agar No1 Microbiology Grade	500	G		
89	4,Aminophenazone reagent grade	100	G		
90	Bacteriological peptone Microbiology Grade	500	G		
91	Batainum pure anhydrium Microbiology Grade	100	G		
92	Calcium D-Pentothenate Microbiology Grade	500	G		

93	Biotin Microbiology Grade	100	G		
94	Potassium chromate Reagent grade	01	Kg		
95	Potassium phosphate Monobasic Reagent grade	01	Kg		
96	Polypropelene Isotactic, average M_w ~12,000, average M_n ~5,000	01	Kg		
97	Stannous chloride reagent grade, 98%	500	G		
98	Hydroxyl Ammonium chloride Reagent grade	500	G		
99	Nickle Chloride Reagent grade	50	G		
100	Copper (II) chloride dehydrate Reagent grade	100	G		
101	Cobalt (II) nitrate hexahydrate Reagent grade	100	G		
102	Hydrazine hydrate Reagent grade	500	ml		
103	Selenium (Powder) Reagent grade	50	G		
104	Potassium ferricyanide Reagent grade	250	G		
105	Potassium hydroxide Reagent grade	500	G		

106	Potassium chloride Reagent grade	1	Kg		
107	Nitric acid Reagent grade	100 0	ml		
108	Silver nitrate ACS reagent, 95 % or above	100	G		
109	Potassium dichromate Reagent grade	1	Kg		
110	potassium ferrocyanide Reagent grade	500	G		
111	Na ₂ HPO ₄ Reagent grade	500	G		
112	KH ₂ PO ₄ Reagent grade	500	G		
113	NaCl Reagent grade	500	G		
114	1,3-Phenylene diisocyanate Purity: 95 % or above	5	G		
115	1-Naphthyl isocyanate Purity: 95 % or above	5	G		
116	4-Biphenyl isocyanate Purity: 95 % or above	1	G		
117	4-Nitrophenyl isocyanate Purity: 95 % or above	5	G		
118	Phenyl isocyanate Purity: 95 % or above	5	G		

119	4-Chlorophenyl isocyanate Purity: 95 % or above	25	G		
120	4-Chloro-3-(trifluoromethyl)phenyl isocyanate Purity: 95 % or above	5	G		
121	p-Tolyl isocyanate Purity: 95 % or above	5	G		
122	2-Nitrophenyl isocyanate Purity: 95 % or above	5	G		
123	3-Nitrophenyl isocyanate Purity: 95 % or above	5	G		
124	4-Methoxyphenyl isocyanate Purity: 95 % or above	5	G		
125	3-Methoxyphenyl isocyanate Purity: 95 % or above	5	G		
126	1,8-Diazabicyclo[5.4.0]undec-7-ene Purity: 95 % or above	25	G		
127	N,N'-Dicyclohexylcarbodiimide(DCC) Purity: 95 % or above	100	G		
128	4-Dimethylaminopyridine(4-DMAP) Purity: 95 % or above	25	G		
129	Sodium selenite Purity: 95 % or above	25	G		
130	4-Fluorophenyl isocyanate Purity: 95 % or above	5	MI		
131	Methanol HPLC grade for HPLC, ≥99.9%	5	L		

132	Chloroform Assay 95 % or above	5	L		
133	Tetrahydrofuran Grade anhydrous Assay 95 % or above	5	L		
134	DMF Assay 95 % or above	5	L		
135	CH₃COOH Reagent Plus 95 % or above	5	L		
136	NaOH Reagent Plus 95 % or above	1	Kg		
137	NH₄OH Reagent grade	5	L		
138	Vanadium pentaoxide Reagent grade	1	Kg		
139	Ferric oxide Reagent grade	1	Kg		
140	magnisium dioxide Reagent grade	1	Kg		
141	Zinc Oxide Reagent grade	1	Kg		
142	Silver nitrate Reagent grade	25	G		
143	Sodium thiosulphat Reagent grade	500	G		
144	Poly ethylene glycole Reagent grade	1	Galan		

145	Poly vinyl alcohol Reagent grade	2.5	L		
146	Sodium borohydraide Reagent grade	500	G		
147	Trichloroacetic acid Reagent grade	2.5	L		
148	Sulphosalisalic acid Reagent grade	250	G		
149	Geobactor sulfurreducens strain	01	Vial		
150	Cupriavidus nectar strain	01	Vial		
151	Thionyl Chloride Assay 95 % or above	1	L		
152	Triethylamine Assay 99 %	500	mL		
153	ammonium bicarbonate Assay 95 % or above	1	kg		
154	HAuCl ₄ 99.99% trace metals basis, 30 wt. % in dilute HCl	10	G		
155	TriSodium citrate 98 % or above	500	G		
156	2,3-Dimethoxy-5-methyl-1,4-benzoquinone 98 % or above	5	G		
157	4-(Methylthio)benzeneboronic acid 95 % or above	5	G		

158	Bromine 95 % or above	50	G		
159	Carbon tetrachloride anhydrous	5	L		
160	Tetrakis(triphenylphosphine)palladium(0) Assay 99%	5	G		
161	Sodium borohydride 95% or above	100	G		
162	dichloromethyl methyl ether 95% or above	25	G		
163	Dichloromethane 95% or above	5	L		
164	Ethyl acetate 95% or above	5	L		
165	Titanium tetrachloride 95% or above	100	G		
166	Phosphorus tribromide 95% or above	50	G		
167	Cerric ammonium nitrate 95% or above	50	G		
168	Acetonitrile 99 %	5	L		
169	Sodium sulphate Anhydrous	500	G		
170	Ferrous chloride 95 % or above	500	G		
171	Ethanol 95 % or above	10	L		
172	Dimethyl sulfoxide 95 % or above	5	L		
173	Diethyl ether 95 % or above	5	L		

174	Acetone 95 % or above	5	L		
175	Benzene 95 % or above	5	L		
176	Toluene 95 % or above	5	L		
177	Sulphuric Acid 95 % or above	5	L		
178	Hydrochloric Acid 95 % or above	5	L		
179	Nitric Acid 95 % or above	5	L		
180	Phosphoric Acid 95 % or above	2.5	L		
181	SDS 99% or above	100	G		
182	CTAB 99% or above	100	G		

Special Terms and conditions:

1. Please quote the rates on our BoQs and clearly mention the quoted model / brands, otherwise your bid / items may be rejected.
2. Purchase / work order (s) will be awarded on **Item Wise Basis** as mentioned in BoQs.
3. **The vendor must have an authorized dealer certificate of the quoted product (certificate with current year's validity) of Original Manufacturer for Chemicals must be attached with bid otherwise such item/bid may be rejected.**
4. Chemicals which require special conditions e.g. low temperature etc. must be provided as such otherwise their delivery will not be accepted.
5. The packing should contain a label showing verifiable/traceable catalogue / lot number of Chemicals.
6. Certificate of Analysis must be provided with the delivery of Chemicals.
7. Under no circumstances should re-packed chemicals be provided.
8. **Multiple rates of an item may also lead to the rejection of bid / item.**