



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

Tender No. CUI-LHR-TN-13-18-1125

Case # 2444

Single Stage One Envelop Procedure

Title of Tender: **Chemicals & Lab Items Required for CPT Lab of Chemical Engineering Department**

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. 500/-** 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 30 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 **August 29, 2018** 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

Signature & Stamp of Bidder

The envelope shall also bear the word “**CONFIDENTIAL**” and following identification quotation of “**Chemicals & Lab Items Required for CPT Lab of Chemical Engineering Department**”.

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 **60 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”. Any bid not accompanied by Earnest Money shall be rejected without any right of appeal.**
24. 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.

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 & Lab Items Required for CPT Lab of Chemical Engineering Department

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 / Make	Total Price (Rs.)
Chemicals						
1	Fluorescein (free acid)	Aldrich, F2456-100G, Dye content 95% Or equivalent	100	g		
2	Mercury Nitrate monohydrate Hg(NO ₃) ₂ .H ₂ O	Sigma Aldrich, ACS Reagent >98% 230421-50G Or equivalent	50	g		
3	N,N-dimethylformamide	Aldrich, 99.8%, anhydrous, 227056-100ML Or equivalent	100	ml		
4	Sodium Phosphate Na ₃ PO ₄	Aldrich, 96%, 342483-25G Or equivalent	25	g		
5	Sodium Nitrate NaNO ₃	Sigma Aldrich, ACS Reagent grade>99%, 221341-500G Or equivalent	500	g		

6	TiO2	Cristal ACTiV PC500 TiO2 (Formerly Millenium) Or equivalent	500	g		
7	Benzoyl chloride	Analytical grade	2.5	L		
8	Hydrogen peroxide	Analytical grade	2.5	L		
9	Dry Ice	Analytical grade	5	kg		
10	Monoethylene Glycol	Analytical grade	200	L		
11	Sodium Nitrate	Analytical grade	500	g		
12	Borax	Analytical grade	50	kg		
13	Anti rust	Commercial grade	5	L		
14	Titanium (IV) isopropoxide (TTIP)	Alfa-Aesar A13703 TTIP 95% Or equivalent	500	g		
15	Urea	Alfa-Aesar J65769 Urea Ultrapure, 99 % Or equivalent	500	g		
16	Melamine	Alfa-Aesar A11295 Melamine 99% Or equivalent	500	g		
17	Methanol	Alfa-Aesar L13255 Methanol, 99% Or equivalent	2.5	L		
18	Hexane	Reagent Grade (Sigma) 99.5% Or equivalent	6	L		
19	Methanol	Reagent Grade (Sigma) 99.5% Or equivalent	6	L		

20	Chloroplatinic acid hydrate	520896 Aldrich ≥99.9% trace metals basis Or equivalent	25	gm		
21	Tetraammine palladium(II) chloride monohydrate	323438 Aldrich ≥99.99% trace metals basis Or equivalent	15	gm		
22	Ethanol	Absolute Ethanol, 100% merck chemicals Or equivalent	5.5	L		
23	Methanol	CAS no: 67-56-1, 99.9% pure Or equivalent	4	L		
24	Methyl Nanodecanoate	Cas no 1731-94-8, GC ≥ 98% Or equivalent	1	g		
25	caffeine	Cas no 58-08-2, EP Or equivalent	25	g		
26	Resorcinol	Cas no 108-46-3 , ep Or equivalent Or equivalent	25	g		
27	Salicylic acid	69-72-7 (EP) Or equivalent	25	g		
28	Isopropanol	Analytical Grade	2.5	L		

Sr. #	Item Name & Specifications	Qty	Quoted Model / Brand / Make	Unit Price (Rs.) inclusive of all (applicable) taxes	Total Price (Rs.) inclusive of all (applicable) taxes
Lab Items					
29	Syringe Pump	NE-300 Just Infusion™ or equivalent Syringe Pump, New Era or equivalent with syringe accessories Infusion rates from 0.73 μL/hr to 1500 mL/hr (60 mL syringe)	01 No.		

30	Temperature Controlled Chiller	Temperature range: -20 degree C to 40 degree C	01 No.			
31	Thermocouple with connections compatible with display unit (uniT)	Type: K 1mm dia x 200mm Length or equivalent	05 Nos.			
32	Thermocouple display unit	Uni-T , Model UT325 Or equivalent	04 Nos.			
33	Pyrex Tubular Reactor with modified end connections	10mm ID x 12mm OD x 660mm Length	2 Nos.			
34	Pyrex Thermowell	2mm dia x 300mm Length	2 Nos.			
35	Cooling Bath	Local, Temperature range: -5 to 50°C	1 No.			
36	Rotameter for hydrogen	0-500 ml/min	1 No.			
Accessories						
37	Syringe Filter (0.2 um)	Germany (100 per box) Or equivalent	01 No.			
38	Syringes _ 60ml	BD Plastipak Or equivalent	100 Nos.			
39	Two neck flat bottom flask	250 ml, borosilicate	05 No.			
40	Glass Condenser with adaptor	Compatible with 250 flat bottom flasks	02 No.			
41	Gloves	powder free, Large	02 Nos.			
42	Gloves	powder free, medium	02 Nos.			
43	Separating funnel (250 ml)	glass, medium size	01 No.			

44	Whatman Filter Paper	Box, 2.2um pore size 125 mm dia	01 No.			
45	Sample vials	15ml	150 Nos.			
46	Dispenser bottle for deionized/distilled water	10 L	1 Nos.			

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. Chemicals which require special conditions e.g. low temperature etc. must be provided as such otherwise their delivery will not be accepted.
4. The packing should contain a label showing verifiable/traceable catalogue / lot number of Chemicals.
5. Certificate of Analysis must be provided with the delivery of Chemicals.
6. Under no circumstances should re-packed chemicals be provided.
7. **Multiple rates of an item may also lead to the rejection of bid / item.**