



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

Tender No. CUI-LHR-TN-23-1702  
 Case #3844

# Invitation to Bid

## Single Stage One Envelope Procedure

Consumable, Chemicals, Glassware and Plastic ware for IRCBM Department under HEC NRP  
Funded Project No. 15836

### 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. 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.

Signature & Stamp of Bidder

8. Your bid proposal should be inclusive of freight and all taxes to be delivered at COMSATS University Islamabad, Lahore Campus's premises.
9. 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 deduct all applicable taxes as per tax rate. CUI will provide a certificate of tax deduction and the vendor may claim refunds from Tax Authorities/FBR.
10. Multiple rates of an item may also lead to the rejection of bid / item.
11. After opening of bids, COMSATS University Islamabad, Lahore Campus will examine the bids for completeness as per tender document.
12. 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.
13. Purchase order (s) will be awarded to the evaluated lowest bidder (s) **on Item wise Basis**.
14. The bid should be submitted in a sealed envelope up to **October 25, 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 Majeure Situation), the tenders will be opened on the very next working day. Timing will remain as mentioned in the tender notice.
15. 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
16. The envelope shall also bear the word "**CONFIDENTIAL**" and following identification quotation of "**Consumable, Chemicals, Glassware and Plastic ware for IRCBM Department under HEC NRPU Funded Project No. 15836**".
17. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
18. 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.
19. 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.

20. 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.
21. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.
22. 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.
23. All prices should be quoted on F.O.R (Pak Rupees) inclusive of all applicable taxes.
24. All prices should be valid for at least **30 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.
25. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
26. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
27. The CUI-Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
28. The prices / cost will be considered as inclusive of all applicable taxes.
29. 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.
30. 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.
31. 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.
32. 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:**.....

**Signature & Stamp of Bidder**

- Tel. / Mobile:.....Email:.....
- NTN# :.....GST#:.....
- Signature: .....

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

**Part B: BoQs of Consumable, Chemicals, Glassware and Plastic ware for IRCBM Department Under HEC NRPU Funded Project No. 15836, 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).

Rate to be quoted Inclusive of all (applicable) Taxes

Sr. #	Item Name & Specification	Qty.	Quoted Model / Brand	Unit Rate (Rs.)	Total Amount (Rs.)
	<b>Chemicals</b>				
1	Calcium hydroxide, 98% or better, CAS:1305-62-0 or equivalent	5 kg			
2	o-Phosphoric Acid, 85% or more CAS: 7664-38-2 or equivalent	5 L			
3	Ammonium phosphate dibasic, 98% or better CAS: 7783-28-0 or equivalent	3 kg			
4	Calcium nitrate tetrahydrate, ACS reagent 99% or better, CAS: 13477-34-4 or equivalent	3 kg			
5	Calcium Chloride, anhydrous, CAS: 10043-52-4 or equivalent	2 kg			

6	Potassium Hydroxide pellets, ACS reagent, 85% or more, CAS:1310-58-3 or equivalent	2 kg			
7	Ammonium hydroxide solution, ACS reagent, 28.0-30.0% NH3 basis CAS :1336-21-6 or equivalent	2.5L			
8	Ethanol, 99% or more, CAS: 64-17-5 or equivalent	2L			
9	Ethanol, Industrial grade	50 L			
10	Phenyl, Industrial grade	50 L			
11	Bleach	5 L			
12	Cerium (III) nitrate hexahydrate CAS: 10294-41-4 or equivalent	100 g			
13	Zinc Nitrate, 98% or better, CAS: 10196-18-6 or equivalent	5 kg			
14	Sodium hydroxide, reagent grade, 98% or more CAS: 1310-73-2 or equivalent	5 kg			
15	Acetic Acid, glacial, 99% or more CAS: 64-18-6 or equivalent	2.5L			
16	Butyl alcohol 99% or more CAS:71-36-3 or equivalent	1 Kg			

17	<b>Sodium Carbonate 99% or more CAS:497-19-8 or equivalent</b>	<b>1 kg</b>			
18	<b>Sodium chloride 99% or more CAS Number: 7647-14-5 or equivalent</b>	<b>1 kg</b>			
19	<b>Pepsin CAS:9001-75-6 or equivalent</b>	<b>100 g</b>			
20	<b>Chloramine-T hydrate CAS: 149358-73-6 or equivalent</b>	<b>100 g</b>			
21	<b>p-dimethylaminobenzaldehyde CAS:100-10-7 or equivalent</b>	<b>100 g</b>			
22	<b>Hydrochloride 37% or more</b>	<b>2.5 L</b>			
23	<b>L Hydroxyprolin 99% or more</b>	<b>500 mg</b>			
24	<b>Sodium acetate trihydrate 99% or more CAS: 6131-90-4 or equivalent</b>	<b>2.5 Kg</b>			
25	<b>2-Ethoxyethanol 99% or more CAS:110-80-5 or equivalent</b>	<b>1 L</b>			
26	<b>Collagen Type I</b>	<b>5 g</b>			
27	<b>Collagen Detection Dye Sirius Red</b>	<b>5 g</b>			

28	Geistlich Bio-Oss <sup>®</sup> granules (0.25 – 1 mm) or equivalent	1 g			
29	Geistlich Bio-Oss <sup>®</sup> Collagen 7.0mm x 7.0mm x 7.0mm or equivalent	250 mg			
30	FCS Gibco catalogue number 10500064 Or equivalent Qualified heat inactivated. Packing 500ml each	02 Nos			
31	0.2% Gelatin Solution, sterile, research grade Scien Cell Catalog No. 0423, 100 ml or equivalent	3 Nos			
32	DMEM high glucose media Gibco™ 11995073 With D-Glucose L-Glutamine and Sodium Pyruvate Sterile-filtered Suitable for cell culture, Gibco™ 11995073 Thermos or equivalent, 500 mL	2 Nos			
33	Hematoxylin CAS No.:517-28-2 or equivalent	25 g			
34	DPBS, calcium, magnesium Gibco™, Catalog number: 14040133Catalog , or equivalent 500 mL	1 No			
35	Eosin Y CAS No: 15086-94-9 or equivalent	5 g			
36	Tetramethylrhodamine isothiocyanate Isomer R	10 mg			
37	Fluorescein Isothiocyanate Isomer I, 90% CAS: 3326-32-7 or equivalent	1 g			
38	Phalloidin	0.1 mg			

39	Osteopontin human	50 µg			
40	ethylenediaminetetraacetic acid disodium (EDTA-2Na) CAS: 6381-92-6 or equivalent	1 kg			
41	Tris-HCL CAS No.1185-53-1 or equivalent	500 g			
42	Refilling of Cylinders Highly purified nitrogen refill 99.999%, 6.3M <sup>3</sup> [cylinder not needed]	3 CYL			
43	Refilling of Cylinders Helium gas refill 99.999%, 6.3M <sup>3</sup> [cylinder not needed]	1 CYL			
44	Genepin CAS: 6902-77-8 or equivalent	2.0 g			
45	Lactic Acid, ACS reagent, > 85% or equivalent	200 g			
46	Bromelain, from pineapple stem or equivalent	25.0 g			
	<b>Glassware</b>				
47	Petri dishes with lid 100 mm	10 Nos			
48	Petri dishes with lid 150 mm	10 Nos			
49	Measuring Cylinder 10 mL	2 Nos			



50	Measuring Cylinders 50 mL	2 Nos			
51	Measuring Cylinders 100 mL	2 Nos			
52	Measuring Cylinders 250 mL	2 Nos			
53	Mercury thermometer (-10 to 150) °C or equivalent	5 Nos			
54	Beakers, 25 mL	5 Nos			
55	Beakers, 50 mL	5 Nos			
56	Beakers, 100 mL	5 Nos			
57	Beakers, 250 mL	5 Nos			
58	Beakers, 500 mL	5 Nos			
59	Borosilicate Beakers, 1 L or equivalent	4 Nos			
60	Borosilicate Beakers, 2 L or equivalent	4 Nos			

61	Funnels 500 mL	2 Nos			
62	Funnel Stand for 500 mL	2 Nos			
63	Buchner Funnel 150 mm	2 Nos			
64	Glass Rods 30 cm	2 Nos			
65	Conical flask 1 L	2 Nos			
66	Measuring Flask, 100 mL	2 Nos			
67	Measuring Flask, 250 mL	2 Nos			
68	Measuring Flask, 500 mL	2 Nos			
69	Measuring Flask, 1000 mL	2 Nos			
70	Sample Vials Glass 10 mL, with cap	500 Nos			
71	Sample Vials Glass 20 mL, with cap	500 Nos			

72	Reagent Bottles 100 mL or equivalent	2 Nos			
73	Reagent Bottles 500mL or equivalent	2 Nos			
74	Reagent Bottles 1L or equivalent	3 Nos			
75	Reagent Bottles 2L or equivalent	3 Nos			
76	High Performance Quartz Glass, spectral range 200-2,500 nm, pathlength 10 mm, chamber volume 3,500 $\mu$ L Z600644-1EA or equivalent	2 Nos			
	<b>Plastic ware &amp; Others</b>				
77	Measuring Cylinders 50 mL	2 Nos			
78	Measuring Cylinders 100 mL	2 Nos			
79	Funnels 500 mL	2 Nos			
80	20-200 $\mu$ l Micropipettes (M2010) or equivalent	1 No			
81	Aluminum Pipette stand	10 Nos			
82	Pipette fillers 15ml	2 Nos			

83	Pipette fillers 50ml	2 Nos			
84	Rubber Pipette fillers 15ml	2 Nos			
85	Rubber Pipette fillers 50ml	2 Nos			
86	100-1000 µl Micropipette (M2011) or equivalent	1 No			
87	Single Channel Pipette, 250 - 2500 uL, Red	1 No			
88	Pipette, Single Channel, Variable Volume, 0.5-5mL, Violet Item: EP 3123000071 or equivalent	1 No			
89	Cell & Stopper Kit 12mm o.d. square polystyrene cuvettes Pack of 100 with 100 stoppers, DTS0012 or equivalent	1 No			
90	Spray bottles 500 mL-1000mL	2 Nos			
91	Deposable sterile dropper Individually wrapped, sterile, laboratory plastic dropper 5 ml, 100 Pcs Pack	2 packs			
92	Sterile Syringe Filters PVDF 25 mm Diameter 0.22µm	50 Nos			
93	Sterile Syringe Filters PVDF 25 mm Diameter 0.45 µm	50 Nos			

94	<b>Sterile Syringe Filters PVDF 25 mm Diameter 1um</b>	<b>50 Nos</b>			
95	<b>20+ Lab Spatula set, stainless steel</b>	<b>2 set</b>			
96	<b>Forceps, stainless steel, blunt, straight 105mm,130mm ,160mm</b>	<b>2 each</b>			
97	<b>Dialysis membranes avg. flat width 3.0 in.) 12-14kd or lower</b>	<b>100 FT</b>			
98	<b>6pcs precision tweezers set, anti-static stainless steel</b>	<b>1 set (6 Pcs)</b>			
99	<b>polypropylene, Clear plastic, graduated syringe 1ml</b>	<b>100 Nos</b>			
100	<b>polypropylene, Clear plastic, graduated syringe 5ml</b>	<b>100 Nos</b>			
101	<b>polypropylene, Clear plastic, graduated syringe 10ml</b>	<b>100 Nos</b>			
102	<b>polypropylene, Clear plastic, graduated syringe 20ml</b>	<b>100 Nos</b>			
103	<b>Falcon tubes 15 mL or equivalent</b>	<b>1000 Nos</b>			
104	<b>Falcon tubes 50 mL or equivalent</b>	<b>1000 Nos</b>			

105	Wash Bottles 250mL	5 Nos			
106	Wash Bottles 500 mL	5 Nos			
107	PTFE Magnetic Stirrer Mixer Length Diameter (Qty. 05 Nos each) 6mm 3mm 8mm 3mm 10mm 5mm 15mm 5mm 20mm 8mm 25mm 8mm 28mm 8mm 30mm 8mm 35mm 8mm 40mm 8mm	1 Pack (5 Nos each)			
108	Falcon tube stands 15 ml or equivalent	5 Nos			
109	Falcon tube stands 50 ml or equivalent	5 Nos			
110	Micro-centrifuge Tubes 1.5 ml or equivalent	1000 Nos			
111	Sample Vials stands	5 Nos			
112	Eppendorf rack or equivalent Small	2 Nos			
113	Eppendorf rack or equivalent Large	2 Nos			
114	Laboratory Ceramic Mortar with Pestle Test Equipment Grinding Equipment, Diameter 100 mm	1 No			

115	Digital thermometer with stainless steel prob range (-10 to 150) – larger range	2 Nos			
116	pH Strips (0.0-14.0) – pack, <u>100 pcs Pack</u>	10 packs			
117	pH strips 7.0 - 14.0, <u>100 Pcs Pack</u>	10 packs			
118	pH 0-7 Test Strips, <u>100 pcs Pack</u>	10 packs			
119	Measuring steel tape 8M	2 Nos			
120	Ziploc bags 6 x 4 inches	2kg			
121	Ziploc bags 6 x 9 inches	2kg			
122	Ziploc bags 7 x 10 inches	2kg			
123	Ziploc bags 9 x 12 inches	2kg			
124	Sterile scissors Stainless Steel China or equivalent	1 No			
125	Instrument Tray, Stainless Steel with Cover, Deluxe Quality, (12" x 10" x 2")	2 Nos			

126	<b>Stainless Steel with Cover Instrument Tray (With Lid) 8" x 6"</b>	<b>2 Nos</b>			
127	<b>Mega Tissue Roll Jumbo 800Gm</b>	<b>4 rolls</b>			
128	<b>Parafilm Roles 4 in x 125ft</b>	<b>2 Nos</b>			
129	<b>Whatman or equivalent, circular Filter paper 24 cm , <u>pack of 100</u></b>	<b>2 Nos</b>			
130	<b>Whatman or equivalent, circular filter paper, 15 cm, <u>Pack of 100</u></b>	<b>2 Nos</b>			
131	<b>Square Filter paper 60 cm x 60 cm, <u>pack of 100</u></b>	<b>2 Nos</b>			
132	<b>Hydra Safety Goggles (polycarbonate lens) or equivalent</b>	<b>20 Nos</b>			
133	<b>Face Masks for laboratory</b>	<b>10 packs</b>			
134	<b>Nitrile Gloves Powder-Free, Blue (small), <u>100 pcs Pack</u></b>	<b>5 packs</b>			
135	<b>Nitrile Gloves Powder-Free, Blue (Medium), <u>100 pcs pack</u></b>	<b>7 packs</b>			
136	<b>Nitrile Gloves Powder-Free, Blue (large) , <u>100 Pcs Pack</u></b>	<b>7 packs</b>			



137	<b>Stainless steel and cast-iron Lab Support Stand Set, Item Dimensions LxWxH: 8.1 x 6 x 23.6 inches (or similar) (iron rod, cross clamp, flask clamp, iron ring, base)</b>	<b>1 No</b>			
138	<b>PTFE tube 20 meters 4 mm (ID) x 6 mm (OD)</b>	<b>1 No</b>			
139	<b>PTFE tube 20 meters 2 mm (ID) x 3 mm (OD)</b>	<b>1 No</b>			
140	<b>PTFE unions for 6mm OD tubing</b>	<b>4 Nos</b>			
141	<b>PTFE unions for 3mm OD tubing</b>	<b>4 Nos</b>			
142	<b>PTFE cross-piece for 6mm OD tubing</b>	<b>4 Nos</b>			
143	<b>PTFE cross-piece for 3 mm OD tubing</b>	<b>4 Nos</b>			
144	<b>PTFE T-piece for 6mm OD tubing</b>	<b>4 Nos</b>			
145	<b>PTFE T-piece for 6mm OD tubing</b>	<b>4 Nos</b>			
146	<b>PTFE T-piece for 3 mm OD tubing</b>	<b>4 Nos</b>			
147	<b>PTFE reducing union for 3mm – 6mm OD tubing</b>	<b>4 Nos</b>			

148	Portable Ice Cool Box Small 4.5-liter Orange Color or equivalent	1 No			
149	Cool Ice Box Small Cooler Portable 12 liter	1 No			
150	Stainless Steel adhesive Tape 10 m	5 Nos			
151	Silver Aluminum Foil 72 Meters 14 Microns	10 Nos			
152	CLING FILM FOOD PACKING WRAP ROLL	2 pack			
153	Lab Coat medium size, wrinkle free fabric, (Blue)	4 Nos			
154	Lab Coat large size wrinkle free fabric, (Blue)	4 Nos			
155	Lab Coat XL size wrinkle free fabric, (Blue)	4 Nos			
156	Biohazard Bag, Size: 120L	100 Nos			
157	Biohazard Bag, Size: 45 L	100 Nos			

**Note:** *By submission of the bids for this procurement process and items therein, the vendor herein certifies that the chemicals are from the source as indicated, have not been repacked or adulterated in any way.*

**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 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.**