



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

Tender No. CUI-LHR-TN-22-1622

Case # 3647

**Single Stage One Envelope Procedure**

**Title of Tender:** **Consumable Items, Chemicals & Cell Lines for Dr. Fakhra Ikram,**  
**Department of IRCBM**

**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.2,500/-** 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 60 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. 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 **November 16, 2022** 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.
13. 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
14. The envelope shall also bear the word “**CONFIDENTIAL**” and following identification quotation of **“Consumable Items, Chemicals & Cell Lines for Dr. Fakhera Ikram, Department of IRCBM, 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 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.
21. All prices should be quoted on F.O.R (Pak Rupees) inclusive of all applicable taxes.
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.
- 28. 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.
- 29. 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.
- 30. 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 Consumable Items, Chemicals & Cell Lines for Dr. Fakhra Ikram, Department of IRCBM, 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:

The bid may be rejected on the reason of ambiguity (OR)

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-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 & Specifications	Qty		Quoted Model / Brand	Unit Price (Rs.)	Total Price (Rs.)
1	<b>Bone marrow derived mesenchymal stem cells Normal Human (ATCC PCS-500-012) or equivalent)</b> <b>HIV: Not detected</b> <b>HBV: Not detected</b> <b>HCV: Not detected</b> <b>Mycoplasma Contamination: Not detected</b> <b>&gt;70% Viability when Thawed from cryopreservation.</b> <b>Positive expression for CD29, CD44, CD73, CD90, CD105, and CD166</b> <b>Negative expression for CD14, CD34, CD19, and CD45</b> <b>Certificate for analysis</b> <b>Certificate for Origin</b>	1	No.			
2	<b>Mesenchymal Stem Cell Growth Kit for Bone Marrow-derived MSCs (From ATTCC: PCS-500-041 or Equivalent)</b> <b>With components</b> <b>rh FGF</b> <b>rh IGF-1</b> <b>Fetal Bovine Serum:</b> <b>L-Alanyl-L-Glutamine:</b>	2	Kit			
3	<b>Mesenchymal Stem Cell Basal Medium (ATCC PCS-500-030 or equivalent)</b> <b>Medium for culturing mesenchymal stem cells</b> <b>Packing: 970ml</b>	1	No.			
4	<b>Penicillin-Streptomycin-Amphotericin B Solution (ATCC: PCS-999-002 or Equivalent)</b> <b>Penicillin 10,000 Units/mL, Streptomycin 10 mg/mL, Amphotericin B 25 µg/mL</b> <b>(Packing: 1ml)</b>	1	No.			

5	<b>Chondrocyte Differentiation Toolkit (ATCC PCS-500-051 or equivalent) (Packing: 100ml each)</b>	1	No.			
6	<b>Per acetic acid Solution Merck or Equivalent (Packing: 100ml)</b>	1	No.			
7	<b>Phosphate buffered saline (PBS) Tablets Thermo Fisher or equivalent (Packing: 50 tablets in one pack)</b>	2	Pack			
8	<b>SYBR Green PCR Master Mix (for 200 reactions) Thermo Fisher scientific Applied Biosystems™ SYBR Green PCR Master Mix Catalog number:4309155 or equivalent</b>	3	Tubes			
9	<b>Genomic DNA purification kit Thermo Scientific™ GeneJET Genomic DNA Purification Kit Catalog number: K0721 or equivalent (Packing: 50 preps in one pack)</b>	2	Pack			
10	<b>Agarose Thermo Fisher R0492 , CAS # 9012-36-6 Or equivalent (Packing: 500g each)</b>	1	No.			
11	<b>RedSafe Nucleic Acid Staining Solution (20,000X) SKU:1116080030 Sigma-Aldrich Or equivalent (Packing: 1ml each)</b>	2	Nos.			
12	<b>DNase and RNase Roche or equivalent Packing: 1500 units in one pack)</b>	1	Pack			
13	<b>Masson's trichrome staining kit HT15 Sigma-Aldrich or equivalent Trichrome Stain (Masson) Kit</b>	1	Kit			
14	<b>Alcian-Blue Staining Solution SKU TMS-010-C Sigma-Aldrich or equivalent (Packing: 100ml each)</b>	1	No.			
15	<b>Calcein AM staining Invitrogen™ or equivalent, Calcein, AM, cell- permeant dye, Catalog number: C1430 or equivalent</b>	2	Nos.			
16	<b>Resazurin Salt R7017- Sigma-Aldrich or equivalent (Packing: 5g each)</b>	1	No.			
17	<b>cDNA synthesis kit RevertAid™, K1622, Thermo Scientific, USA or equivalent Needed one by one (Packing: 100 reactions in one pack)</b>	2	Pack			

18	<b>TRIZOL For RNA Extraction</b> Thermo Fisher or equivalent CAS # 9048-46-8 or equivalent (Packing: 200 ml)	1	No.			
19	<b>SDS</b> Sigma Aldrich or equivalent (Packing: 250g each)	1	No.			
20	<b>Glycerol</b> G9012-Sigma-Aldrich or equivalent (Packing: 1 liter each)	1	No.			
21	<b>(APS) ammonium persulfate</b> A3678-25g Sigma Aldrich or equivalent (Packing: 100g each)	1	No.			
22	<b>Ethanol for molecular biology grade</b> CAS # 64-17-5 or equivalent PA SKU-1009862500 Sigma-Aldrich or equivalent (Packing: 2 liter each)	1	No.			
23	<b>Ethanol</b> Sigma or equivalent Packing: 2.5 liter each)	4	Nos.			
24	<b>Methanol</b> SKU-34860- Merck or equivalent (Packing: 2.5 liter each)	1	No.			
25	<b>RPMI 1640 Medium</b> Thermo Fischer Catalog No. 11875093 or equivalent (Packing: 500ml each)	5	Nos.			
26	<b>Alpha-MEM (1X)</b> Thermo Fischer Catalog no. A1049001 or equivalent L-glutamine Ribonucleoside No ascorbic acid	3	Nos.			
27	<b>DMEM</b> Thermo Fischer Catalog No. 11965118 or equivalent High glucose Pyruvate or equivalent (Packing: 500ml each)	5	Nos.			
28	<b>FCS</b> Gibco catalogue number 10500064 Or equivalent Qualified heat inactivated (Packing: 500 ml each)	2	Nos.			
29	<b>DMMB (Dimethyl methylene blue)</b> Sigma-Aldrich, Catalog number:341088 Or equivalent (Packing: 1g each)	1	No.			
30	<b>Glycine</b> Sigma-Aldrich Catalog number:410225 Or equivalent (Packing: 250g each)	1	No.			

31	Bovine chondroitin 4-sulfate Sigma-Aldrich, Catalog number:C9819 Or equivalent (Packing: 5g each)	1	No.			
32	RNA Zap SKU- R2020, Thermo Fisher or equivalent (Packing: 250ml each)	1	No.			
33	hTERT Aptamer: 5'- AGACAAGAAUAAAACGCUCAAUAUUGG GCUUUUAGCUUCUUGGUUGGAUAAUAG AUACACAUU-3' Macrogen or equivalent (Packing: 50nmol)	1	No.			
34	MTT CT01-5 Sigma Aldrich MTT reagent or equivalent (Packing: 5 vials in one pack)	1	Pack			
35	A3w3: 5' -3' UUG CCA UGU GUA UGU GGG- 3' Underlined u and c nucleotide letters indicate 2'-F modified nucleotides. Macrogen or equivalent	1	No.			
36	B3w3: 5'-3' CCC ACA UAC UUU GUU GAU CC -3' Underlined u and c nucleotide letters indicate 2'-F modified nucleotides. Macrogen or equivalent	1	No.			
37	C3w3: 5'-3' GGA UCA AUC AUG GCA A-3' Underlined u and c nucleotide letters indicate 2'-F modified nucleotides. Macrogen or equivalent	1	No.			
38	Invitrogen Qubit RNA High Sensitivity (HS), Broad Range (BR), and Extended Range (XR) Assay kits Invitrogen Q32852 Or Equivalent (Packing: 100 reactions in one kit)	1	Kit			
39	Trypsin/EDTA 0.25% Sterile-filtered, suitable for cell culture, 2.5g porcine trypsin and 0.2g EDTA Thermo Fisher 25200072 or equivalent (Packing: 500ml each)	1	No.			
40	Tunnel Assay Kit Ab206386 Abcam UK or equivalent (60 test)	1	Kit			
41	Gel RNA recovery kit Zymoclean or equivalent Cat number: R1011 Or equivalent	1	Kit			
42	Skimmed milk Low fat skimmed milk Nestle or equivalent (Packing: 200 g)	1	No.			

43	Ponceau stain Ponceau S stain dye Catalog: 141194- Sigma-Aldrich or equivalent (Packing: 25g each)	1	No.			
44	Luminata Forte ELISA HRP Substrate Catalog ELLUF0100 Sigma-Aldrich or equivalent (Packing: 100ml each)	1	No.			
45	PVDF membrane 0.45 µM Nitrocellulose Membranes, 0.45 µm, 8 x 8 cm Catalog No.PI88025 Thermo Scientific™ or equivalent (Packing: 15 pieces in one pack)	1	Pack			
46	PVDF membrane 0.2 µM Nitrocellulose Membrane Roll, Pore Size: 0.2µm, Sky Blue 30cm x 3m Invitrogen or equivalent (Packing: 100 pieces containing in one pack)	1	Pack			
47	Filter paper (Jumbo Size) Sigma or equivalent (Packing: 10 Sheets containing in one pack)	1	Pack			
48	X-ray film developer and fixer X-ray Film Developer Fixer Concentrate Liquid for Automatic Processing (Packing: 20 liter each) China or equivalent	2	Nos.			
49	Pierce™ ECL Western Blotting Substrate Pierce™ ECL Western Blotting Substrate Catalog number: 32106 Thermo Scientific™ or equivalent (Packing: 500ml each)	1	No.			
50	Prestain protein marker Prestained Molecular Weight Marker mol wt 26k Da Catalog:SDS7B2 Sigma-Aldrich or equivalent (Packing: 1 vial each)	1	No.			
51	Red safe DNA staining dye Nucleic acid staining dye Thermo Fisher or equivalent (Packing: 2ml each)	1	No.			

### **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. 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.

**D. 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. Bidders are advised to submit the bid on the prescribed BoQs (bidding documents) of COMSATS University Islamabad, Lahore Campus and clearly mention the Quoted Model / Brands as required in the BoQs with complete terms and conditions signed, stamped, otherwise your item(s) / bid may be rejected.
3. **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.**
4. **The concerned items should not be damaged or tempered with (sealed containers).**
5. **The items must be shipped/delivered according to their recommended conditions (temperature, sunlight and such).**
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.