

## **TENDER DOCUMENT**

### **PURCHASE OF CHEMICALS FOR BIOTECHNOLOGY LABS**

**Tender No. VU/15-16/06/212**

This tender will be opened on **July 12, 2016 at 11:30am** in the office of Director Finance VU, M.A Jinnah Campus, Defence Road, off Raiwind Road, Lahore.

Name of Firm / Company: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_ Cell No. \_\_\_\_\_

GST Reg. No: \_\_\_\_\_ N.T. Number: \_\_\_\_\_

Active email address (CAPITAL letters): \_\_\_\_\_

**Status of Firm/Company** (Pls. tick appropriate box)

Direct Importer

Dealer / Reseller / Wholesaler

**ITEMS MARKED WITH (\*) MUST BE ATTACHED; OTHERWISE YOUR BID WILL BE DECLARED AS NON-RESPONSIVE**

**TERMS AND CONDITIONS:**

1. Notice issued in the media is a part of this tender document.
2. Tender must be accompanied with a **Pay Order / Demand Draft amounting to Rs. 1,000/-** (non-refundable) as tender fee favoring Virtual University of Pakistan. Tender without tender fee shall not be accepted. Cheque shall not be acceptable
3. Tender should be addressed to the Director Finance, Virtual University of Pakistan.
4. Bid document duly completed should reach the Procurement Department, Directorate of Finance, Virtual University of Pakistan, not later than **11:00am on July 12, 2016**. Late Tenders will not be entertained. No telegraphic or faxed bid will be accepted. Bids will be opened at **11:30am on the same date** in the office of the Director Finance, Virtual University of Pakistan, Lahore in the presence of bidders or their authorized representatives who may choose to attend.
5. VU takes no responsibility for delay, loss or non-receipt of bids sent by post/courier
6. Original Tender Document, along-with item specifications must be attached. (\*)
7. The bidder will arrange sample units according to the specification quoted in the bid, as and when required by the university (if deemed necessary). The samples of successful bidder(s) will be retained till the delivery of the ordered units.
8. Technical evaluation shall be carried out by the Technical Evaluation Committee and finalized according to the recommendations of the committee.

9. Please attach financial soundness certificate / Account Maintenance Certificate issued by your bank, having business affairs for at least last three years. (\*)
10. The bidder must submit an affidavit on Rs.100 stamp paper that the firm/company is not black listed from any Government/Semi-Government/Non-Government organization. Draft given at end of document. (\*)
11. The bidder must submit the list of Directors/Partners/Owners along with the bid. (\*)
12. The bidder will deliver the ordered items at specified sites as given below within 30 days from the date of issuance of purchase order(s).
13. Penalty @ 2(Two) % per month or a part thereof, of the value of goods not delivered in time will be imposed which may lead to cancellation of order without any liability to university. The said company may also be blacklisted for a period of at least two years.
14. Payment will be released after submission of Sales Tax Invoice, duly verified by the technical department. The payment will be made in accordance with SRO 660(I) 2007
15. The bidder must be a registered tax payer with FBR on Active Tax Payer List (ATL) and certificate must be attached for NTN and GST. (If GST is exempted, please provide necessary evidence). (\*)
16. Copies of last tax returns of Income Tax and GST must be attached with the bid. (\*)
17. GST should be exclusively/separately indicated in the Tender document and bill/invoice.
18. Bidders should quote their rates inclusive of all applicable taxes, duties if any, any other expenses and transportation. VU shall not pay any additional amount over and above to quoted rates. Rates should be clearly mentioned on the tender document for each item in figures and words. (\*)
19. Complete BOQ (Bill of Quantities) is given at the end of document. Please fill in the given spaces of BOQ.
20. The bid shall remain valid for a period of **three (3) months** from the date of opening of bid. Bid validity for a shorter period will be rejected as non-responsive. (\*)
21. The Bidder will furnish, as part of its bid, a bid security (earnest money), **equal to 5% of maximum bid price or option with maximum price inclusive of all taxes** in shape of DD/PO/CDR only (Cheque shall not be accepted). The bid security is refundable to the unsuccessful bidders after finalization of the successful bidder. Bid Security of successful bidder will be retained till expiry of the Warranty period of supplied items.
22. List of active clients must be attached with the bid preferably with copies of purchase order(s) or volume of business (\*)
23. Virtual University of Pakistan (VU) reserves the right to increase or decrease the quantity of units specified below at the time of award of tender / contract. VU also reserves the right to place the order on partial shipment basis.
24. The items, which will be supplied, should conform to the standard specifications and free from defects in all respects.
25. The University reserves the right to accept or reject any bid or annul the procurement process at any time as prescribed under PPRA Rules.

**Procurement Department**  
**Directorate of Finance**  
Virtual University of Pakistan  
M.A Jinnah Campus,  
Defence Road, off Raiwind Road,  
Lahore  
UAN: 042-111-880-880 Ext: 333 / 8711

**EVALUATION CRITERIA:**

- i. Initial scrutiny of tender documents / bids
  - ii. Financial Evaluation
  - iii. Technical Evaluation by Technical Committee
  - iv. Checking / evaluation of sample Unit(s)
  - v. Selection of compliant sample(s)
  - vi. Award of tender to lowest compliant evaluated bidder(s)
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**Declaration by the Bidder  
should be on Rs.100/- stamp paper**

I, \_\_\_\_\_ being owner / proprietor / director / representative of this firm / company hereby certify that I have read all the terms & conditions of the university and are acceptable to me. The items supplied will be in accordance to the standard specifications as mentioned in the tender documents & our quotation. I shall be bound to replace any item if found substandard, unsatisfactory, expired or defective without any claim to Virtual University of Pakistan. If I failed to do so, I understand that VU has the right to confiscate the earnest money, can impose an appropriate fine and black list our firm/company. I further confirmed that the firm/company is not black listed by any of the government departments.

**SIGNATURE & STAMP**

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Virtual University of Pakistan**  
**Tender for Purchase of Chemicals for Biotechnology Labs**  
**Bill of Quantities (BOQ)**

Sr. No.	Description	Make	LHR	RWP	MLT	KHI	Total Qty	Unit	Rate per Unit (Rs.)	GST (if applicable) (Rs.)	Rate per Unit with GST (Rs.)	Total Amount (Rs.)
			Qty	Qty	Qty	Qty						
1	2	3	4	5	6	7	8	9	10	11	12=(10+11)	13=(8x12)
<b>LAB CHEMICALS</b>												
1	Agar-Agar	UK/USA/Germany/equiv.	3	1	1	1	6	500 gm				
2	LB medium	UK/USA/Germany/equiv.	2	1	1	1	5	500 gm				
3	Nutrient Agar	UK/USA/Germany/equiv.	2	1	1	1	5	500 gm				
4	Nutrient Broth	UK/USA/Germany/equiv.	2	1	1	1	5	500 gm				
5	TSB Broth	UK/USA/Germany/equiv.	2	1	1	1	5	500 gm				
6	Aceto Orcine stain	UK/USA/Germany/equiv.	0	1	0	0	1	100 gm				
7	Conc. Sulfuric acid	UK/USA/Germany/equiv.	2	1	1	1	5	1 Liter				
8	Acetone	UK/USA/Germany/equiv.	1	1	1	1	4	1 Liter				
9	Conc. Nitric acid	UK/USA/Germany/equiv.	1	1	1	1	4	1 Liter				
10	Glucose	UK/USA/Germany/equiv.	2	1	1	1	5	100 gm				
11	Maltose	UK/USA/Germany/equiv.	2	1	1	1	5	100 gm				
12	Tyrosine	UK/USA/Germany/equiv.	1	1	1	1	4	100 gm				
13	Disodium hydrogen phosphate	UK/USA/Germany/equiv.	0	1	0	0	1	100 gm				
14	Potassium dihydrogen phosphate	UK/USA/Germany/equiv.	0	1	0	0	1	100 gm				
15	Ether	UK/USA/Germany/equiv.	1	1	1	1	4	2.5 Liter				

Sr. No.	Description	Make	LHR	RWP	MLT	KHI	Total Qty	Unit	Rate per Unit (Rs.)	GST (if applicable) (Rs.)	Rate per Unit with GST (Rs.)	Total Amount (Rs.)
			Qty	Qty	Qty	Qty						
1	2	3	4	5	6	7	8	9	10	11	12=(10+11)	13=(8x12)
16	Protein (casein)	UK/USA/Germany/equiv.	1	1	1	1	4	100 gm				
17	KOH (alcoholic)	UK/USA/Germany/equiv.	1	1	1	1	4	1 Liter				
18	Protenase-k	UK/USA/Germany/equiv.	20	5	5	5	35	100 mg				
19	Taq. DNA Polymerase	UK/USA/Germany/equiv.	20	5	5	5	35	500 U				
20	dNTPS set	UK/USA/Germany/equiv.	6	2	2	2	12	set				
21	Ladder (50 bp)	UK/USA/Germany/equiv.	6	2	2	2	12	500 uL				
22	Ladder (1 Kb)	UK/USA/Germany/equiv.	2	1	1	1	5	500 uL				
23	Ethanol (Absolute)	UK/USA/Germany/equiv.	4	2	2	2	10	2.5 Liter				
24	Isopropanol	UK/USA/Germany/equiv.	2	1	1	1	5	2.5 Liter				
25	Restriction Enzymes (Hind-III, EcoR-1)	UK/USA/Germany/equiv.	1	1	1	1	4	100 uL				
26	Acrylamide	UK/USA/Germany/equiv.	1	1	1	1	4	500 gm				
27	Bis-Acrylamide	UK/USA/Germany/equiv.	1	1	1	1	4	500 gm				
28	TEMED	UK/USA/Germany/equiv.	1	1	1	1	4	100 mL				
29	Ammonium Per Sulphate (APS)	UK/USA/Germany/equiv.	1	1	1	1	4	100 gm				
30	TRI-Zole	UK/USA/Germany/equiv.	3	1	1	1	6	500 mL				
31	Phenol	UK/USA/Germany/equiv.	1	1	1	1	4	1 Liter				
32	Chloroform	UK/USA/Germany/equiv.	1	1	1	1	4	2.5 Liter				
33	PCI (Phenol-Chloroform-Isoamylalcohol)	UK/USA/Germany/equiv.	5	1	1	1	8	500 mL				

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			Qty	Qty	Qty	Qty						
1	2	3	4	5	6	7	8	9	10	11	12=(10+11)	13=(8x12)
34	Agarose	UK/USA/Germany/equiv.	4	1	1	1	7	500 gm				
35	Trypticase Soya Agar	UK/USA/Germany/equiv.	2	1	1	1	5	500 gm				
36	H2O2	UK/USA/Germany/equiv.	2	1	1	1	5	500 mL				
37	DEPC	UK/USA/Germany/equiv.	2	1	1	1	5	500 mL				
38	RNAase	UK/USA/Germany/equiv.	1	0	0	0	1	500 uL				
39	RNA Later Solution	UK/USA/Germany/equiv.	4	0	0	0	4	100 mL				
40	Copper sulphate	UK/USA/Germany/equiv.	1	1	1	1	4	100 gm				
41	CTAB (Cetytrimethyl ammonium bromide)	UK/USA/Germany/equiv.	1	1	1	1	4	100 gm				
42	Lysozyme	UK/USA/Germany/equiv.	1	1	1	1	4	5 gm				
43	CaCl2	UK/USA/Germany/equiv.	1	1	1	1	4	100gm				
44	T4 DNA Ligase	UK/USA/Germany/equiv.	1	1	1	1	4	500 Unit				
45	Cloning Vector (pTZ57R)	UK/USA/Germany/equiv.	1	1	1	1	4	100 uL				
46	DH5-alpha	UK/USA/Germany/equiv.	1	1	1	1	4	100 uL				
47	x-gal	UK/USA/Germany/equiv.	1	1	1	1	4	100g				
48	IPTG (Isopropyl β-D-1-thiogalactopyranoside)	UK/USA/Germany/equiv.	1	1	1	1	4	100g				
49	Dinitrosalicylic acid	UK/USA/Germany/equiv.	1	0	0	0	1	500g				
50	Sodium Potasium Tartrate	UK/USA/Germany/equiv.	1	0	0	0	1	500g				
51	Sodium Metabisulphate	UK/USA/Germany/equiv.	1	0	0	0	1	500g				

Sr. No.	Description	Make	LHR	RWP	MLT	KHI	Total Qty	Unit	Rate per Unit (Rs.)	GST (if applicable) (Rs.)	Rate per Unit with GST (Rs.)	Total Amount (Rs.)
			Qty	Qty	Qty	Qty						
1	2	3	4	5	6	7	8	9	10	11	12=(10+11)	13=(8x12)
52	MacConky Agar	UK/USA/Germany/equiv.	2	1	1	1	5	500g				
53	NaOH	UK/USA/Germany/equiv.	1	1	1	1	4	500g				
54	Bromophenol Blue	UK/USA/Germany/equiv.	1	1	1	1	4	25 g				
55	Ampicillin	UK/USA/Germany/equiv.	1	1	1	1	4	50 g				
56	Ammonium Sulphate	UK/USA/Germany/equiv.	1	1	1	1	4	500 gm				
	TOTAL FOR LAB CHEMICALS											

LAB CONSUMABLES												
1	Plastic Box (for Blue, Yellow, White Tips )		3	3	3	3	12	Box (Med.				
2	Gloves (lab grade)		20	5	5	5	35	Box				
3	Tissue Roll Stand		2	1	1	1	5	Roll				
4	Dissection box		2	2	2	2	8	Box				
5	Cling Film		2	1	1	1	5	Roll				
6	Parafilm		1	1	1	1	4	Roll				
7	Prepared slides for Mitosis	Germany	1	1	0	1	3	set				
8	Prepared slides for Meiosis	Germany	1	1	1	1	4	set				
9	First Aid Medical Kit		1	1	1	1	4	Box				

Sr. No.	Description	Make	LHR	RWP	MLT	KHI	Total Qty	Unit	Rate per Unit (Rs.)	GST (if applicable) (Rs.)	Rate per Unit with GST (Rs.)	Total Amount (Rs.)
			Qty	Qty	Qty	Qty						
1	2	3	4	5	6	7	8	9	10	11	12=(10+11)	13=(8x12)
10	PCR Tubes 0.2ml (1Pack - 500Pc)		15	5	5	5	30	Pack				
11	Yellow Tips 100 uL, autoclaveable, standard		15	5	5	5	30	Pack				
12	Blue Tips 1000 uL, autoclaveable, standard		15	5	5	5	30	Pack				
13	White Tips 10 uL, autoclaveable, standard		15	5	5	5	30	Pack				
14	Eppendorf Tube (1.5 ml), autoclaveable, standard		15	5	5	5	30	Pack				
15	Eppendorf (2.0 ml) Screw Tubes, autoclaveable		5	2	2	2	11	Pack				
16	Falcon Tube 50mL, autoclaveable		5	2	2	2	11	Pack				
17	Falcon Tube 15mL, autoclaveable		5	2	2	2	11	Pack				
18	50 mL Falcon Tubes Stand (Plastic)		5	2	2	2	11	No.				
19	15 mL Falcon Tubes Stand (Plastic)		5	2	2	2	11	No.				
20	Eppendorf 1.5 mL Tubes Stand (Plastic)		5	2	2	2	11	No.				
21	Platinum loop		5	1	1	1	8	No.				
22	Zipper bags (Mix size)		5	2	2	2	11	Pack				
23	Permanent markers (set)		4	2	2	2	10	Pack				
24	Autoclavable bags		20	5	5	5	35	No				
25	Spatula		2	1	1	1	5	No				
26	Cotton roll		10	1	1	1	13	No				



Sr. No.	Description	Make	LHR	RWP	MLT	KHI	Total Qty	Unit	Rate per Unit (Rs.)	GST (if applicable) (Rs.)	Rate per Unit with GST (Rs.)	Total Amount (Rs.)
			Qty	Qty	Qty	Qty						
1	2	3	4	5	6	7	8	9	10	11	12=(10+11)	13=(8x12)
27	Brown paper for wrapping Petri dishes		1	1	1	1	4	Pack				
28	Cotton swabs (sterilized)		3	1	1	1	6	Pack				
29	Burette stand		2	1	1	1	5	No				
30	Dropper		12	4	4	4	24	No				
31	Aluminium Foil		2	1	1	1	5	Pack				
32	Pipette Filler (Plastic)		5	2	2	2	11	No				
33	Test Tube Washing Brush		4	2	2	2	10	No				
34	Pipette Stand		4	2	2	2	10	No				
35	Cryoboxes (81 wells)		4	2	2	2	10	5 color set				
36	Eppendorf tube rack (1.5 ml)		4	2	2	2	10	5 color set				
37	PCR tubes rack (0.25 ml)		4	2	2	2	10	5 color set				
	TOTAL FOR LAB CONSUMABLES											

### LAB GLASSWARE

1	Glass slides		2	1	1	1	5	Pack				
2	Coverslip		2	1	1	1	5	Pack				

### Beakers

Sr. No.	Description	Make	LHR	RWP	MLT	KHI	Total Qty	Unit	Rate per Unit (Rs.)	GST (if applicable) (Rs.)	Rate per Unit with GST (Rs.)	Total Amount (Rs.)
			Qty	Qty	Qty	Qty						
1	2	3	4	5	6	7	8	9	10	11	12=(10+11)	13=(8x12)
3	100 ml	Pyrex	4	2	2	2	10	No				
4	250 ml	Pyrex	4	2	2	2	10	No				
5	500 ml	Pyrex	2	2	2	2	8	No				
6	1000 ml	Pyrex	2	2	2	2	8	No				
<b>Measuring Cylinder Plastic</b>												
7	50 ml		1	1	1	1	4	No				
8	100 ml		1	1	1	1	4	No				
9	250 ml		1	1	1	1	4	No				
10	500 ml		1	1	1	1	4	No				
11	1000 ml		1	1	1	1	4	No				
<b>Pipette/ Tubes/Plates</b>												
12	1 ml Pipette (Plastic)		4	2	2	2	10	No				
13	5 ml Pipette (Plastic)		4	2	2	2	10	No				
14	10 ml Pipette (Plastic)		4	2	2	2	10	No				
15	25 ml Pipette (Plastic)		4	2	2	2	10	No				
16	Test tube stand (Plastic)		5	2	2	2	11	No				
17	Erlenmeyer flask/Conical flask (250 ml)	China	50	5	5	5	65	No				
18	Petri Plate (35mL)	Pyrex	50	5	5	5	65	No				

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			Qty	Qty	Qty	Qty						
1	2	3	4	5	6	7	8	9	10	11	12=(10+11)	13=(8x12)
19	Test tubes screw	Pyrex	50	20	20	20	110	No				
20	Burette		2	1	1	1	5	No				
<b>Glass Bottles</b>												
21	250 ml	Pyrex/UK	10	5	5	5	25	No				
22	500 ml	Pyrex/UK	10	5	5	5	25	No				
23	1000 ml	Pyrex/UK	10	5	5	5	25	No				
<b>Equipment</b>												
24	Digital pH meter (Bench Type)	Germeray/USA	1	1	1	1	4	No.				
<b>TOTAL FOR LAB GLASSWARE</b>												
<b>GRAND TOTAL</b>												

All above items are required at above mentioned cities. Bidder(s) shall be responsible to deliver the approved items at all destinations. Please quote prices inclusive of all applicable taxes, duties if any, any other expenses and transportation. VU shall not pay any additional amount over and above to quoted rates.