



Say No To Drugs

## TENDER NOTICE

### Through e Pak Acquisition and Disposal System (EPADS)

Sealed Tenders are invited through (EPADS) <https://eprocure.gov.pk> from the Firms who are registered with Tax Authorities on Active Taxpayers List (ATL) of FBR, for the following:

Sr. No.	Description	Tender Fee (Rs.)	Tender Opening Date	Tender Receiving/ Opening Time
1.	Tender No. VU/25-26/04/889 <b>Consumables for Labs of Biological Sciences (BIO)</b>	1,000/-	May 21, 2026	Receiving: 02:00pm Opening: 02:30pm

Tender documents of above-mentioned tender(s) are also available on VU website <https://www.vu.edu.pk/Opportunities/Tenders> however submission only be accepted through EPADS.

**The complete tendering process shall be carried out through EPADS.**

Interested bidders are requested to register themselves on the EPADS <https://eprocure.gov.pk> and submit their tender documents on EPADS.

The Bid Security (if any) for the Bid which is mentioned in the bidding documents in the requisite form, drawn in favor of "Virtual University of Pakistan" scanned copy of which is required to be uploaded through EPADS and hard copy must be submitted physically along with hard-copy of sealed bidding document on the closing date of the tender to Virtual University of Pakistan at the address given below.

Tenders without bid security (if any) shall not be accepted. Tender receiving and opening timings shall be strictly observed.

The University reserves the right to accept or reject any bid or annul the procurement process at any time as prescribed under PPRA Rules.

Tender Notice is also available at PPRA Website ([www.ppra.gov.pk](http://www.ppra.gov.pk)) and university's website.

**PID(I)8860/25**

**PROCUREMENT DEPARTMENT**

**DIRECTORATE OF FINANCE, VIRTUAL UNIVERSITY OF PAKISTAN**

**SIR SYED MEMORIAL SOCIETY BUILDING 19-ATATURK AVENUE, G-5/1, ISLAMABAD**



Phone No: 051-111-880-880

Extensions: 1366 / 1323

Email: [po@vu.edu.pk](mailto:po@vu.edu.pk) | Website: [www.vu.edu.pk](http://www.vu.edu.pk) | VU NTN: 4388557-8



**VIRTUAL UNIVERSITY OF PAKISTAN**

*Sir Syed Memorial Society Building, 19-Ataturk Avenue, G-5/1, Islamabad*  
*<http://www.vu.edu.pk>*

**TENDER DOCUMENT**

**CONSUMABLES FOR LABS OF BIOLOGICAL SCIENCES (BIO)**

**Tender No. VU/25-26/04/889**

This tender will be opened on **May 21, 2026, at 02:30 pm** in the Procurement Department, Virtual University of Pakistan, Sir Syed Memorial Society, 19-Ataturk Avenue, G-5/1, Islamabad.

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

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

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

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

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

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

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

Manufacturer / Authorized Dealer / Service Provider

General Supplier / Service Provider

**PROCUREMENT METHOD / PROCEDURE:**  
**“SINGLE STAGE - ONE ENVELOP PROCEDURE”**

**TERMS AND CONDITIONS:**

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

1. No bid shall be considered if:
  - i. The bid is not uploaded on EPADS.
  - ii. The bid is not submitted in hard copy as per the given schedule at the specified location.
  - iii. The uploaded bid and the hard copy are not in the same bidder's name.
  - iv. The bid is received without the Original Bid Security and Tender Fee, enclosed in a single envelope.
2. The notice published in the media shall be considered an integral part of this tender document.
3. The tender shall be opened on the specified date. In case the date falls on a public holiday, the tender shall be opened on the next working day.
4. To submit a tender with the Virtual University of Pakistan, bidders are required to deposit **Rs. 1,000/- online in any branch of Allied Bank Limited in Account No. PK58ABPA0010061279710055 (Virtual University of Pakistan). (\*)**
5. The original deposit slip must be attached with the bid. This amount is a non-refundable tender fee and is mandatory. Cash, crossed/open cheques, Pay Orders, or Demand Drafts are not

acceptable.

6. Bids submitted without the tender fee shall not be accepted. (\*)
7. The tender should be addressed to the Director Finance, Virtual University of Pakistan.
8. The bidder should quote rates clearly in the tender document in both figures and words.
9. The duly completed bid document must reach the Procurement Department, Directorate of Finance, Virtual University of Pakistan, **not later than 02:00 PM on May 21, 2026**. Late tenders shall not be entertained. Telegraphic or faxed bids shall not be accepted. **Bids will be opened at 02:30 PM on the same date** at the office of the Procurement Department, Directorate of Finance, Virtual University of Pakistan, Islamabad.
10. VU shall open all bids through EPADS as per the given schedule and at the place specified above, in the presence of bidders' representatives who choose to attend the meeting and sign the attendance sheet as evidence of their presence.
11. Please attach the Original Tender Document, along with item specifications, with the bid. (\*)
12. VU shall not be responsible for any delay, loss, or non-receipt of bids sent by post or courier.
13. Original tender documents along with all specifications must be attached to the bid. (\*)
14. **The bidder shall furnish, as part of its bid, a Bid Security (Earnest Money) amounting to Rs. 150,000/- in the form of Demand Draft (DD), Pay Order (PO), Call Deposit Receipt (CDR), or Bank Guarantee only. Cheques shall not be accepted. (\*)**
15. Bids without bid security shall not be entertained, even if the bidder is technically qualified. (\*)
16. A scanned copy of the bid security must be uploaded on EPADS, and the original hard copy must be submitted physically along with the bidding documents on the closing date. (\*)
17. The deposit slip/proof of online transfer of the Tender Fee and Bid Security must be submitted in the required form, in a separate envelope placed inside the main envelope. (\*)
18. The bid security shall be refundable to unsuccessful bidders after finalization of the tender. The earnest money of the successful bidder shall be retained until delivery of the ordered items. (\*)
19. The bidder must provide the complete company profile, including the age of the company.
20. The bidder must submit a list of Directors/Partners/Owners along with the bid.
21. The bidder must be a registered taxpayer with FBR and appear on the Active Taxpayer List (ATL).
22. Copies of NTN and GST certificates must be attached.
23. If GST is exempted, relevant documentary evidence must be provided.
24. Income Tax and Sales Tax shall be deducted as per Government rules. (\*)
25. Bidder(s) should quote their rates (including all applicable taxes, duties at prevailing rates and transportation & other related costs) clearly on the Tender Document for each item, both in figures and words. Sales Tax and Income Tax shall be applicable at the prescribed rates.
26. **Delivery at designated sites shall be the responsibility of the bidder at the quoted rates.**
27. Please attach a Financial Soundness Certificate/Account Maintenance Certificate issued by your bank, not older than three (03) months. (\*)
28. The bidder must submit an Affidavit on Rs. 100/- stamp paper confirming that the Bidder/Firm/Company/Contractor is not blacklisted by the Public Procurement Regulatory Authority (PPRA). The prescribed draft is attached to this document. In case of any false or misleading statement, the bidder's offer shall be liable to rejection. (\*)
29. List of active clients alongwith contact details must be attached with the bid preferably with copies of completed purchase order(s) or volume of business. Verification from clientele is an integral part of technical evaluation. (\*)

30. The bid shall remain valid for a period of three (03) months from the date of bid opening. Bids with a shorter validity period shall be rejected as non-responsive. (\*)
31. If two or more bidders quote the same price in the Financial Proposal, the order may be equally divided among such bidders, or awarded to the bidder with better technical specifications, or VU may request the bidders to submit revised Financial Proposals.
32. The supplied items/services must conform to the standard specifications and be free from defects in all respects.
33. Items must be delivered / services will be provided at Virtual University of Pakistan's different campuses within Pakistan (as per detail given at the end of the document), within **Sixty (60) days** from receipt of the Purchase Order.
- No extensions shall be allowed unless granted by the Purchase Committee on justified grounds.
  - Delay in the provision of goods/items/services in accordance with the time schedule prescribed in the General Terms and Conditions (GTC) shall not be tolerated. In case of default, a penalty of 0.1% per day of the total contract/order amount or value of the delayed items/services shall be imposed, capped at a maximum of 10% of the total value of the Contract/Purchase Order/undelivered items/services.
  - Penalty on goods/items not delivered on time may lead to cancellation of the order without any liability to the University, and the bidder/supplier/firm/company may also be blacklisted.
  - Furthermore, VU may impose additional penalties in case of default and may initiate legal action. The University reserves the right to withhold pending payments or forfeit any guarantee/security submitted in this or any other contract.
34. Notwithstanding anything contrary in the General Terms and Conditions (GTC), the Bidder/Supplier shall not be liable for forfeiture of performance security, liquidated damages, late delivery charges, or termination for default if the delay or failure to perform obligations is due to a Force Majeure event.
- "Force Majeure" means an event beyond the control of the Bidder/Supplier, not involving fault or negligence, and not foreseeable, such as acts of God, floods, storms, earthquakes, fire, war (declared), terrorism, port closures, government restrictions, illegality arising from domestic or foreign laws, politically motivated nationwide strikes, or insurrection.
  - Changes in economic or market circumstances, including unexpected price increases affecting profitability, shall not constitute Force Majeure.
  - In case of a Force Majeure event, the Bidder/Supplier shall notify VU in writing within five (05) days, providing evidence and taking reasonable steps to mitigate the consequences. Failure to notify within the prescribed period shall result in waiver of the right to claim Force Majeure.
  - Unless otherwise directed in writing by VU, the Bidder/Supplier shall continue to perform its obligations as far as reasonably practicable and seek alternative means of performance.
35. Virtual University requires Contractors/Bidders to observe the highest standard of ethics during procurement and contract execution. The provisions of PPRA Rules/Act shall apply.
- VU may bar any firm/company/individual bidder/contractor/consultant in accordance with Blacklisting procedures under Public Procurement Rules 2004, if deemed necessary.
  - The Contractor/Bidder(s) shall comply with the provisions stated in the General Terms & Conditions of the Contract.
36. Virtual University may, under applicable laws, debar a bidder/contractor from participating in any public procurement process of VU for a specified period if the bidder or contractor has:
- Acted in a manner detrimental to public interest or good practices.
  - Consistently failed to perform contractual obligations.
  - Performed the contract unsatisfactorily.
  - Indulged in corrupt practices.

37. If VU debars a bidder/contractor, the procuring agency:
  - a. May blacklist the bidder/firm/company for at least three (03) years.
  - b. May forward the decision to PPRA for publication on its website.
  - c. May request PPRA to debar the bidder or contractor from procurement of all procuring agencies.
38. Virtual University reserves the right to initiate legal action, in addition to blacklisting, if any bidder/supplier/firm/company is found involved in corrupt practices.
39. Virtual University of Pakistan (VU) reserves the right to increase or decrease the quantity of goods specified at the time of award in accordance with PPRA Rules. VU also reserves the right to place orders on a partial shipment basis.
40. The supplied items must be brand new, conform to standard specifications, and be free from defects in all respects.
41. Payment shall be released upon submission of the Commercial Invoice and Sales Tax Invoice, duly verified by the technical department, in accordance with SRO 660(I) 2007.
42. The University reserves the right to accept or reject any bid or annul the procurement process at any time as prescribed under PPRA Rules.
43. A bidder requiring clarification of the bidding document shall contact VU in writing within five (05) days. VU shall respond in writing, provided the request is received within the stipulated time. If clarification results in changes to essential elements of the bidding documents, VU may amend the documents prior to the submission deadline by issuing an addendum. Any addendum shall form part of the bidding document and shall be communicated in writing to all who obtained the document and published on the VU website.
44. To assist in examination, evaluation, comparison of bids, and qualification of bidders, VU may request written clarification. No change in price or substance of the bid shall be permitted except to correct arithmetic errors. Failure to provide clarification within the specified time may result in rejection of the bid.
45. Provided that the bid is substantially responsive, VU shall correct arithmetic errors as follows:
  - a. If there is a discrepancy between the unit price and the line-item total, the unit price shall prevail unless there is an obvious decimal misplacement.
  - b. If there is an error in a total resulting from addition or subtraction of subtotals, the subtotals shall prevail.
  - c. If there is a discrepancy between words and figures, the amount in words shall prevail unless related to an arithmetic error.
46. Bidders shall be requested to accept corrections of arithmetic errors. Failure to accept corrections shall result in rejection of the bid.
47. Amicable Settlement
  - a. VU and the Supplier shall make every effort to resolve amicably through informal negotiation any dispute arising under or in connection with this contract.
  - b. If not resolved within thirty (30) days, the dispute shall be referred to arbitration.
  - c. Each party shall nominate one arbitrator in writing. The two arbitrators shall conduct proceedings in Islamabad and may appoint a third arbitrator if necessary.
  - d. Arbitration shall be conducted in accordance with the Arbitration Act 1940 (as amended). The decision of the majority shall be final and binding. Each party shall bear the cost of its appointed arbitrator, and the cost of the third arbitrator shall be shared equally. In case of resignation or incapacity of an arbitrator, a replacement shall be appointed without restarting proceedings.
48. An abnormally Low Bid is one where the price appears unreasonably low, raising concerns regarding the bidder's capability to perform the contract. VU may seek written clarification and detailed price analysis. If the bidder fails to demonstrate capability, the bid shall be rejected.
49. The University reserves the right to accept or reject any bid or annul the procurement process

at any time in accordance with PPRA Rules.

50. Payment shall be made as per actual verified quantity after submission of the Sales Tax Invoice, duly verified by the concerned department, in accordance with SRO 660(I) 2007.
51. Delivered items must conform to standard specifications and VU requirements.

**EVALUATION CRITERIA:**

- i. Initial scrutiny of tender documents/bids
- ii. Technical Evaluation as per BOQ
- iii. Evaluation of sample Unit(s), **if needed**
- iv. Selection of technically compliant bidder(s)
- v. Financial Evaluation of compliant bidders(s)
- vi. Award of tender to the Most advantageous bidder(s)

**Procurement Department  
Directorate of Finance  
Virtual University of Pakistan  
Sir Syed Memorial Society Building,  
19-Ataturk Avenue, G-5/1, Islamabad  
UAN: 051-111-880-880 Ext 1366, 1323  
VU NTN: 4388557-8  
Email: [po@vu.edu.pk](mailto:po@vu.edu.pk)**

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**Declaration by the Bidder**

Should be on Rs.100/- stamp paper

I, being the owner/proprietor/director/authorized representative of the firm/company, hereby certify that I have read and understood all the terms and conditions of this office and accept the same without any reservation.

I further confirm that all items and/or services provided shall be of the best quality, strictly in accordance with the prescribed standards, specifications, and requirements. I undertake to replace or redo, at my own cost, any item or service found to be substandard, unsatisfactory, or defective, without any claim whatsoever against the Virtual University of Pakistan (VU).

In case of failure to comply with the above, I understand and agree that VU shall have the right to impose penalties, confiscate the earnest money and blacklist the firm/company in accordance with applicable rules.

I hereby also confirm to provide warranty including service & support with parts for complete unit(s) (where applicable) from the date of delivery.

I further declare that, as of the date of this undertaking, the firm/company is not blacklisted by the Public Procurement Regulatory Authority (PPRA) or any other government organization.

SIGNATURE & STAMP

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

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

### TECHNICAL PORTION

**All required documentary information must be attached with the proposal, otherwise bid(s) will be rejected for quoted items**

#### **TECHNICAL TERMS AND CONDITIONS:**

<b>Sr. no</b>	<b>Description</b>	<b>Attached (Yes / No) / Compliance (Yes / No)</b>
1	Manufacturer Authorization letter of the quoted items (imported items only)	
2	Category No. of each quoted chemical (imported items only)	
3	<b>Mandatory at the time of delivery as proof of *Imported* item</b> Copy of GD of chemicals / consumables Copy of Packing list of chemicals / consumables	

#### **REQUIREMENT OF SAMPLES**

**Samples must be provided for all quoted items, as and when required by the VU. Samples will be delivered at VU Faisal Town, Lahore Campus**

**The samples provided by successful bidder(s) will be retained till delivery of the ordered units.**

**COMPLETE BILL OF QUANTITIES (BOQ) ALONG WITH SPECIFICATIONS IS ATTACHED**

**DETAIL OF DELIVERY LOCATIONS WITH QUANTITIES IS ALSO ATTACHED.**

**Virtual University of Pakistan**  
**CONSUMABLES FOR LABS OF BIOLOGICAL SCIENCES (BIO)**  
**Detail of Requirement-BOQ (Tender No. VU/25-26/04/889 dated May 21, 2026)**

Sr. No.	Name of Items	Specifications / details	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Rates in PKR			
						Rate per Unit	GST (if applicable) per Unit	Rate per Unit with GST	Total Amount
1	2	3	4	5	6	7	8	9	10
<b>CONSUMABLES (high quality/ Mol Bio grade)</b>									
1	Acrylamide	MW 71.08; white solid; purity ≥99%; MP 84–86°C; water soluble; electrophoresis grade; 2–8°C	100 gram	2					
2	Agarose	Purified agarose; white powder; low EEO; MB grade; gel temp ~90°C	500 gram	8					
3	Ampicillin	MW 349.4; white powder; purity ≥95%; water soluble; pharma grade; 2–8°C	10 gram	3					
4	Bacterial Genomic DNA isolation kit	Spin column kit; MB grade; includes buffers & columns; store RT/4°C	Nos.	3					
5	Benedict solution	Copper sulfate based reagent; blue liquid; analytical grade	500 ml	1					
6	Bis-Acrylamide	MW 154.17; white solid; purity ≥99%; electrophoresis grade; 2–8°C	100 gram	2					
7	Buffer solution pH set	Standard buffer pH 4 and 7; calibration grade;	Nos.	1					
8	Butyric acid	MW 88.11; oily liquid; purity ≥99%; BP 163°C; density 0.96 g/mL	500 ml	3					
9	Calcium Carbonate	MW 100.09; white powder; purity ≥99%; insoluble in water	100 gram	3					
10	Chloramphenicol	MW 323.13; white powder; purity ≥98%; slightly soluble; 2–8°C	10 gram	1					
11	Conc. Hydrochloric Acid/HCl	HCl ~37%; clear liquid; density 1.18 g/mL; strong acid; AR; RT; corrosive	1000 ml	1					
12	Conc. Nitric Acid	HNO3 ~65%; clear/yellow liquid; density 1.41 g/mL; strong oxidizer; AR; RT	1000 ml	1					
13	Conc. Sulphuric Acid/H2SO4	purity 95–98%; oily liquid; density 1.84 g/mL; strong acid	1000 ml	1					
14	Crystal Violet	purple powder; ≥90%; stain	500 ml	1					
15	Diethyle Ether	MW 74.12; clear liquid; purity ≥99%; BP 34.6°C; highly flammable	1000 ml	1					

Sr. No.	Name of Items	Specifications / details	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Rates in PKR			
						Rate per Unit	GST (if applicable) per Unit	Rate per Unit with GST	Total Amount
1	2	3	4	5	6	7	8	9	10
16	Dimethyl Sulfoxide /DMSO	MW 78.13; clear liquid; purity ≥99.5%; BP 189°C; MB grade	100 ml	5					
17	DNA extraction Kit (blood)	Spin column kit; MB grade; includes buffers; -20°C	Nos.	7					
18	DNA Ladder (50 bp)	DNA marker 50bp steps; MB grade; -20°C	1 ml	12					
19	dNTPs set	dATP/dTTP/dCTP/dGTP; 10 mM each; MB grade; -20°C	100 mMol	10					
20	DO meter Calibration Solution	Standard solution; certified value; RT	50 ml	2					
21	EDTA	MW 292.24; white powder; purity ≥99%; chelating agent	500 gram	5					
22	Eosine Methylene blue (EMB) Agar	Selective agar medium; dehydrated powder; grade; RT	500 gram	8					
23	Ethanol Absolute	purity ≥99.8%; clear liquid; density 0.789 g/mL; BP 78°C; flammable;	2500 ml	15					
24	Ethidium Bromide	orange powder; ≥95%; fluorescent dye; MB grade; protect from light	5 gram	7					
25	Ethyl acetate	purity ≥99%; clear liquid; BP 77°C; density 0.902 g/mL; flammable	1000 ml	1					
26	Fast Digest HindIII	Restriction enzyme; 10 U/μL; MB grade; -20°C	100 IU	6					
27	Fehling Soln. A	Copper sulfate solution; analytical grade	500 ml	1					
28	Fehling Soln. B	Alkaline tartrate solution; analytical grade	500 ml	1					
29	Formalin	Formaldehyde 37–40%; clear liquid; density 1.09 g/mL; fixative grade	2500 ml	2					
30	Geimsa stain	Azure-eosin-methylene blue stain; microscopy grade	1000 ml	1					
31	Glacial Acetic Acid	purity ≥99.5%; clear liquid; density 1.05 g/mL; BP 118°C	500 ml	6					
32	Iodine Solution	I2 in KI solution; brown liquid; analytical grade; RT	500 ml	1					

Sr. No.	Name of Items	Specifications / details	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Rates in PKR			
						Rate per Unit	GST (if applicable) per Unit	Rate per Unit with GST	Total Amount
1	2	3	4	5	6	7	8	9	10
33	Iron III chloride/FeCl <sub>3</sub>	FeCl <sub>3</sub> ; brown solid; ≥98%; water soluble; AR; RT	100 mg	2					
34	Isoamyl Alcohol	clear liquid; ≥99%; BP 131°C; AR; RT	2500 ml	4					
35	Isopropanol	purity ≥99%; clear liquid; BP 82°C; flammable;	2500 ml	7					
36	Kanamycin	Antibiotic powder; ≥95%; sterile; 2–8°C	10 gram	3					
37	Kovac's Reagent	p-Dimethylaminobenzaldehyde reagent; analytical grade; RT	100 ml	1					
38	Lactic Acid	purity 85–90%; clear liquid; density 1.2 g/mL; RT	500 ml	1					
39	Loading dye	6X DNA loading buffer; contains tracking dyes; MB grade; -20°C	1 ml	26					
40	Methanol	≥ 99.8%, Liquid, Solvent, reagent	2500 ml	7					
41	Methyl red	≥ 95%, Powder, pH indicator	100 ml	3					
42	Methylated spirit	90-95% Ethanol	500 ml	11					
43	Ninhydrin	≥ 95%, Powder, Protein detection	100 gram	6					
44	Nutrient Broth	Powder, Culture media	500 gram	10					
45	Perchloric Acid/ 70%	70%, Liquid, CAS: 7601-90-3	250 ml	3					
46	Petroleum Ether	≥95%, Liquid, CAS: 8032-32-4	2500 ml	1					
47	Phenol Chloroform Isoamyl (PCI)	Liquid, DNA extraction	500 ml	9					
48	Phosphate buffer saline (PBS)	Solution, Biological buffer	500 ml	4					
49	Potassium acetate	≥ 99%, Powder, Buffer reagent	100 gram	3					

Sr. No.	Name of Items	Specifications / details	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Rates in PKR			
						Rate per Unit	GST (if applicable) per Unit	Rate per Unit with GST	Total Amount
1	2	3	4	5	6	7	8	9	10
50	Potassium chloride	≥ 99%, Crystals / Powder, Electrolyte, reagent	500 gram	2					
51	Potassium Chromate	≥ 99%, Powder, Oxidizing agent,	500 gram	1					
52	Potassium dihydrogen phosphate (Potassium pho.monobasic)	≥ 99%, Powder, Buffer reagent,	500 gram	1					
53	Potassium phosphate	≥ 99%, Powder, Buffer reagent	500 gram	2					
54	Potassium Sulphate k2so4	≥ 99%, Powder, Fertilizer, reagent	500 gram	3					
55	Potato Dextrose Agar	Prepared Agar, Fungal culture media	500 gram	4					
56	Proteinase K	≥ 90%, Powder, Protein digestion	1 ml	15					
57	Pyridine	≥ 99%, Liquid, Organic solvent	500 ml	1					
58	Pyruvate	≥ 99%, Powder, Metabolite	50 ml	1					
59	Safranine	≥ 85%, Powder, Stain	1000 ml	8					
60	Silver Nitrate (AgNO3)	≥ 99%, Crystals / Powder, Reagent	25 gram	1					
61	Sodium bicarbonate/Sodium hydrogen Carbonate	≥ 99%, Powder, Buffer	500 gram	4					
62	Sodium carbonate	≥ 99%, Powder, Buffer, reagent,	500 gram	3					
63	Sodium dihydrogen phosphate	≥ 99%, Powder, Buffer reagent	1000 gram	2					
64	sodium dodecyl sulfate (SDS)	≥ 98%, Powder, Detergent for protein analysis	100 gram	2					
65	TAE (50X)	Solution, Electrophoresis buffe	500 ml	13					
66	Taq. DNA Polymerase	Enzyme, PCR amplification	500 IU	7					

Sr. No.	Name of Items	Specifications / details	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Rates in PKR			
						Rate per Unit	GST (if applicable) per Unit	Rate per Unit with GST	Total Amount
1	2	3	4	5	6	7	8	9	10
67	TEMED	≥ 99%, Liquid, Polymerization reagent	100 ml	5					
68	Titanium dioxide TiO2	≥ 99%, Powder, Pigment, reagent	100 gram	1					
69	Tris-base	≥ 99%, Powder, Buffer reagent	500 gram	4					
70	Tris-EDTA	≥ 99%, Powder, Buffer reagent	500 gram	4					
71	Tris-HCl	≥ 99%, Powder, Buffer reagent,	500 gram	3					
72	TRI-Zole	Solution, RNA extraction reagent	100 ml	9					
73	Yeast Powder	Powder, Culture media additive	100 gram	8					
74	Zinc chloride	≥ 98% purity, Crystals / Powder, Reagent	100 gram	2					
75	Zinc Oxide (ZnO)	≥ 99% purity, Powder, Reagent, UV blocker	100 gram	1					
76	Blood grouping Kit (Anti-A, B & D)	ABO/RhD typing using monoclonal antibodies	Nos.	4					
77	Acetocarmine stain	Red staining solution; microscopy grade; ready to use; store RT	100 ml	9					
78	Agar agar/Agar powder	off-white powder; bacteriological grade; gel strength ≥800 g/cm <sup>2</sup> ; melts ~85–95°C	500 gram	7					
<b>Others</b>									
1	Alcoholic Swabs	70% Isopropyl alcohol, individually packed, sterile, medical grade	1000pcs Pkt	11					
2	Aluminum foil	Laboratory grade, 18–25 micron thickness, heat resistant	Nos.	42					
3	API 20E strips for bacterial identification kit	bioMérieux API 20E kit for Enterobacteriaceae identification	Nos.	5					
4	Cling Film	Laboratory sealing wrap, heat resistant	Nos.	19					

Sr. No.	Name of Items	Specifications / details	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Rates in PKR			
						Rate per Unit	GST (if applicable) per Unit	Rate per Unit with GST	Total Amount
1	2	3	4	5	6	7	8	9	10
5	Cotton Buds	Sterile cotton tipped wooden shaft	100pcs Pkt	8					
6	Cotton roll	Absorbent surgical cotton, hospital grade	Nos.	2					
7	Cryo vials 2 ml with cap	2 ml, external thread, O-ring, autoclavable (Tarsons/Nest)	500pcs Pkt	2					
8	Disposable cuvettes (spectrophotometer)	Plastic, 1 cm path length, compatible with spectrophotometer	50pcs Pkt	1					
9	Mask	3-ply surgical disposable mask	100pcs Pkt.	23					
10	Parafilm	Laboratory sealing film (Parafilm M or equivalent)	Nos.	9					
11	Petridish (plastic/ disposable)	90 mm sterile disposable petri plates	10pcs Pkt	118					
12	PH paper	Universal indicator paper, range 0-14	Nos.	74					
13	pH strips	Indicator strips of 50 leaves, narrow range (e.g., 4-7 or 6-8)	Nos.	2					
14	Disposable Plastic pipette 1 ml	Sterile disposable transfer pipette	Nos.	15					
15	Disposable Plastic pipette 25 ml	Sterile disposable serological pipette	Nos.	11					
16	Strips for Glucometer(Oncall Glucometer)	Compatible with OnCall Plus glucometer	50pcs Pkt	10					
17	Syringe (10 cc)	Sterile disposable syringe	50pcs Pkt	2					
18	Syringe 5CC	Sterile disposable syringe	100pcs pkt	9					
19	Toothpicks	Sterile wooden sticks	100pcs pkt	8					
20	Whatman Filter paper no.42	Ashless quantitative paper, ~2.5 µm pore size, slow filtration.	Nos.	34					
21	Prickers	Stainless steel dissecting needles	Nos.	175					

Sr. No.	Name of Items	Specifications / details	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Rates in PKR			
						Rate per Unit	GST (if applicable) per Unit	Rate per Unit with GST	Total Amount
1	2	3	4	5	6	7	8	9	10
22	Autoclavable bags (medium size)	Polypropylene, 121°C resistant, approx. 24×36 cm	100/pcs PKT.	1					
23	Capillary tube glass	75 mm length, heparinized & plain types	100/pcs PKT.	1					
24	CBC/ EDTA tubes	2–3 ml, K2EDTA, lavender cap, sterile (BD or equivalent)	100pcs Pkt	9					
<b>Plastic &amp; Glassware</b>									
1	Beaker (100 ml) glass	Borosilicate Griffin type, 10 ml graduations, spout, heat resistant	Nos.	35					
2	Beaker (250 ml) glass	Borosilicate low-form, 25 ml graduations, reinforced rim, autoclavable.	Nos.	51					
3	Beaker (50 ml) glass	Borosilicate, 5 ml graduations, chemical resistant	Nos.	21					
4	Beaker 10 ml	Micro borosilicate beaker, 1 ml graduation, flat base	Nos.	8					
5	Beaker 500 ml	Borosilicate, 50 ml graduations, thick wall, heat resistant	Nos.	34					
6	Burette 50 ml	Class A, 0.1 ml graduation, PTFE stopcock, ISO 385 compliant.	Nos.	7					
7	Conical flask (250 ml) glass	Borosilicate Erlenmeyer, narrow neck, approximate graduations, autoclavable.	Nos.	5					
8	Dropping bottles	Amber/clear glass, 30–125 ml, dropper with teat, chemical resistant.	Nos.	21					
9	Erlenmeyer flask (1000 ml) glass	Borosilicate, narrow neck, reinforced rim, autoclavable.	Nos.	2					
10	Erlenmeyer flask (250 ml) glass	Borosilicate, durable wall thickness, suitable for titration/mixing.	Nos.	27					
11	Funnel	Borosilicate, 60° cone, 60–100 mm diameter, short/long stem.	Nos.	27					
12	Glass bottle 1000 ml	Borosilicate reagent bottle, narrow mouth, GL-45 or stopper type.	Nos.	12					
13	Glass bottle with screw cap 100ml	Borosilicate with polypropylene cap, leak-proof, autoclavable.	Nos.	23					

Sr. No.	Name of Items	Specifications / details	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Rates in PKR			
						Rate per Unit	GST (if applicable) per Unit	Rate per Unit with GST	Total Amount
1	2	3	4	5	6	7	8	9	10
14	Glass culture tubes	Borosilicate (≈16×150 mm), fire-polished rim, culture grade.	Nos.	50					
15	Glass fermenting container (1 L)	Wide-mouth borosilicate vessel with airtight closure.	Nos.	2					
16	Petri plate (glass)	90 mm borosilicate reusable dish with lid, autoclavable.	Nos.	187					
17	Pipette (glass) 10 ml	Class A/B serological or volumetric, 0.1 ml graduations.	Nos.	7					
18	Pyrex glass bottle caps 1000 ml	Autoclavable GL-45 polypropylene caps with PTFE liner.	Nos.	42					
19	Small Animal Preservation Jar	Thick glass jar, wide mouth, airtight screw lid.	Nos.	10					
20	Spatula	Stainless steel, corrosion resistant, double-ended.	Nos.	49					
21	Staining Jar	Coplin jar type, borosilicate, holds 5–10 slides.	Nos.	11					
22	Stirring Rod	Solid borosilicate rod, fire-polished ends.	Nos.	44					
23	Volumetric flask 500 ml	Class A, single calibration mark, tolerance ±0.25 ml.	Nos.	4					
24	Glass pipette 5ml	Borosilicate glass, Class A	Nos.	7					
25	Glass Spreader	L-shaped borosilicate spreader	Nos.	35					
<b>Miscellaneous</b>									
1	Dissection Kit	Stainless steel set (scalpel handle No.3, forceps, scissors, probes)	Nos.	5					
2	Dissection Tray	Aluminum/stainless tray with wax base	Nos.	4					
3	Dissecting blades	Assorted sizes, stainless/carbon steel	Nos.	15					
4	Dissecting board	Wooden or synthetic board with wax layer	Nos.	2					

Sr. No.	Name of Items	Specifications / details	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Rates in PKR			
						Rate per Unit	GST (if applicable) per Unit	Rate per Unit with GST	Total Amount
1	2	3	4	5	6	7	8	9	10
5	Durham's Tube	Small inverted fermentation tubes, 6×50 mm	Nos.	20					
6	Pipette filler (plastic)	3-valve rubber bulb type	Nos.	17					
7	Dropper	Glass or plastic Pasteur pipette	Pkt 10Pcs	3					
8	Eppendorf tube rack (1.5 ml)	Polypropylene rack for 1.5 ml tubes (72/96 wells)	Nos.	26					
9	Neubauer chamber set	Improved Neubauer chamber with special coverslip	Nos.	5					
10	Insect Pins(English, Continental/ Mintutin Nadein)	Stainless steel, English size 0–5, entomology grade	Pkt 100Pcs	1					
11	Magnetic stirrer	Compatible with hot plate	Nos.	3					
12	Mortar & pestle	Porcelain, 100–150 mm diameter	Nos.	3					
13	Pinning Blocks	Wooden/foam blocks for insect mounting	Nos.	5					
14	Spirit lamp	Glass alcohol lamp, 100 ml capacity	Nos.	17					
15	Test Tube Cleaning Brush	Nylon bristle brush	Nos.	9					
16	Test tube holder	Wooden or stainless steel holder	Nos.	44					
17	Test Tube Stand Steel	Stainless steel rack, 12–24 holes	Nos.	5					
18	Thermometer digital	Mercury-free lab thermometer, -10 to 110°C	Nos.	8					
19	Tips Boxes (blue)	1000 µl tips box, autoclavable	Nos.	28					
20	Tips Boxes (white)	10 µl tips box, autoclavable	Nos.	28					
21	Tips Boxes (yellow)	200 µl tips box, autoclavable	Nos.	28					

Sr. No.	Name of Items	Specifications / details	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Rates in PKR			
						Rate per Unit	GST (if applicable) per Unit	Rate per Unit with GST	Total Amount
1	2	3	4	5	6	7	8	9	10
<b>Skeleton, Specimen, Slides</b>									
1	Connective tissue slides	Major tissues and organs of human body, Rectangular, glass	Nos.	6					
2	Development stages of Chick slides	4 to 96 hours of incubation, Rectangular, glass	Nos.	1					
3	Development stages of Fish slides	Life History and Early Development of Fishes, Rectangular, glass	Nos.	1					
4	Developmental stages of sea Urchin slides	Life History and Developmental stages, Rectangular, glass	Nos.	1					
5	Entamoeba slides	Rectangular, glass, 2-3 mm thickness	Nos.	1					
6	Epithelial tissue slides	Epithelial Tissue, 10 microscope slides	Nos.	6					
7	Euglena slides	Rectangular, glass, 2-3 mm thickness	Nos.	5					
8	Fasciola slides	Rectangular, glass, 2-3 mm thickness	Nos.	1					
9	Nervous tissue slides	Dendrites and axons, Rectangular, glass, 2-3 mm thickness	Nos.	6					
10	Paramecium Fission slides	Rectangular, glass, 2-3 mm thickness	Nos.	2					
11	Plasmodium slides	Rectangular, glass, 2-3 mm thickness	Nos.	2					
12	Prepared slides of Liver	Rectangular, glass, 2-3 mm thickness	Nos.	2					
13	Prepared slides of Mitosis	Rectangular, glass, 2-3 mm thickness	Nos.	6					
14	Prepared slides of ovary	Onion Mitosis, Rectangular, glass, 2-3 mm thickness	Nos.	3					
15	Prepared slides of skeletal Muscle	Rectangular, glass, 2-3 mm thickness	Nos.	6					
16	Prepared slides of Sperm	Rectangular, glass, 2-3 mm thickness	Nos.	3					

Sr. No.	Name of Items	Specifications / details	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Rates in PKR			
						Rate per Unit	GST (if applicable) per Unit	Rate per Unit with GST	Total Amount
1	2	3	4	5	6	7	8	9	10
17	Prepared slides of Testes	Rectangular, glass, 2-3 mm thickness	Nos.	3					
18	Trypanosoma slides	Rectangular, glass, 2-3 mm thickness	Nos.	1					
19	Fish skeleton	Real Fish Skeleton Model	Nos.	1					
20	Frog Skeleton	Transparent Resin Animal Skeleton Embedding Specimen	Nos.	1					
21	Amphibia Frog Specimen	labeled and preserved in suitable preservative solution.	Nos.	2					
22	Fishes Specimen	labeled and preserved in suitable preservative solution.	Nos.	2					
23	Platyhelminthes Specimen	labeled and preserved in suitable preservative solution.	Nos.	1					
24	Porifera Specimen	labeled and preserved in suitable preservative solution.	Nos.	1					
<b>Grand Total Amount Rs.</b>									

**Virtual University of Pakistan**  
**CONSUMABLES FOR LABS OF BIOLOGICAL SCIENCES (BIO)**  
**Detail of Delivery Locations (Tender No. VU/25-26/04/889 dated May 21, 2026)**

Sr. No.	Name of Items (as per specifications given above)	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Locations										
					Lahore Faisal Town	Gujranwala	Rawalpindi	Jhelum	Sahiwal	Bahawalpur	Peshawar	Quetta	Faisalabad	Multan	Karachi
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>CONSUMABLES (high quality / Mol Bio grade)</b>															
1	Acrylamide	100 gram	2		1	0	0	0	0	0	0	0	0	0	1
2	Agarose	500 gram	8		3	1	1	1	1	0	0	0	1	0	0
3	Ampicillin	10 gram	3		1	0	0	0	0	0	0	0	1	1	0
4	Bacterial Genomic DNA isolation kit	Nos.	3		0	0	0	0	0	0	0	0	1	1	1
5	Benedict solution	500 ml	1		0	0	0	0	0	0	0	0	0	0	1
6	Bis-Acrylamide	100 gram	2		1	0	0	0	0	0	0	0	0	0	1
7	Buffer solution pH set	Nos.	1		0	0	0	0	0	0	0	0	0	1	0
8	Butyric acid	500 ml	3		1	0	0	0	0	0	0	0	1	0	1
9	Calcium Carbonate	100 gram	3		1	0	0	0	0	0	0	0	1	1	0
10	Chloramphenicol	10 gram	1		0	0	0	0	0	0	0	0	0	0	1
11	Conc. Hydrochloric Acid/HCl	1000 ml	1		0	0	0	0	0	0	0	0	0	0	1
12	Conc. Nitric Acid	1000 ml	1		0	0	0	0	0	0	0	0	0	0	1
13	Conc. Sulphuric Acid/H2SO4	1000 ml	1		0	0	0	0	0	0	0	0	0	0	1
14	Crystal Violet	500 ml	1		0	0	0	0	0	0	0	0	0	0	1
15	Diethyle Ether	1000 ml	1		0	0	0	0	0	0	0	0	0	0	1
16	Dimethyl Sulfoxide /DMSO	100 ml	5		2	0	0	0	0	0	0	0	1	1	1
17	DNA extraction Kit (blood)	Nos.	7		5	0	0	0	0	0	1	0	0	0	1
18	DNA Ladder (50 bp)	1 ml	12		3	0	5	0	0	0	1	0	1	1	1
19	dNTPs set	100 mMol	10		2	1	1	1	1	0	1	0	1	1	1

Sr. No.	Name of Items (as per specifications given above)	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Locations										
					Lahore Faisal Town	Gujranwala	Rawalpindi	Jhelum	Sahiwal	Bahawalpur	Peshawar	Quetta	Faisalabad	Multan	Karachi
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
20	DO meter Calibration Solution	50 ml	2		1	0	0	0	0	0	0	0	1	0	0
21	EDTA	500 gram	5		3	0	0	0	0	0	1	0	1	0	0
22	Eosine Methylene blue (EMB) Agar	500 gram	8		3	1	0	1	0	0	0	0	1	1	1
23	Ethanol Absolute	2500 ml	15		6	1	3	1	0	0	0	0	2	1	1
24	Ethidium Bromide	5 gram	7		5	0	0	0	0	1	1	0	0	0	0
25	Ethyl acetate	1000 ml	1		0	0	0	0	0	0	0	0	0	0	1
26	Fast Digest HindIII	100 IU	6		2	1	0	1	0	0	0	0	1	1	0
27	Fehling Soln. A	500 ml	1		0	0	0	0	0	0	0	0	0	0	1
28	Fehling Soln. B	500 ml	1		0	0	0	0	0	0	0	0	0	0	1
29	Formalin	2500 ml	2		1	0	1	0	0	0	0	0	0	0	0
30	Geimsa stain	1000 ml	1		0	0	0	0	0	0	0	0	0	0	1
31	Glacial Acetic Acid	500 ml	6		3	0	1	0	1	0	0	0	0	0	1
32	Iodine Solution	500 ml	1		0	0	0	0	0	0	0	0	0	0	1
33	Iron III chloride/FeCl <sub>3</sub>	100 mg	2		1	0	0	0	0	0	0	0	0	0	1
34	Isoamyl Alcohol	2500 ml	4		1	1	0	1	0	0	0	0	0	0	1
35	Isopropanol	2500 ml	7		2	1	1	1	0	1	0	0	0	0	1
36	Kanamycin	10 gram	3		1	0	0	0	0	0	0	0	1	1	0
37	Kovac's Reagent	100 ml	1		0	0	0	0	0	0	0	0	0	0	1
38	Lactic Acid	500 ml	1		0	0	0	0	0	0	0	0	0	0	1
39	Loading dye	1 ml	26		9	0	3	0	0	5	5	0	2	2	0
40	Methanol	2500 ml	7		3	0	1	0	0	0	0	0	1	1	1
41	Methyl red	100 ml	3		1	0	0	0	0	0	0	0	1	0	1

Sr. No.	Name of Items (as per specifications given above)	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Locations										
					Lahore Faisal Town	Gujranwala	Rawalpindi	Jhelum	Sahiwal	Bahawalpur	Peshawar	Quetta	Faisalabad	Multan	Karachi
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
42	Methylated spirit	500 ml	11		5	0	0	0	0	0	0	0	2	2	2
43	Ninhydrin	100 gram	6		3	0	0	0	0	0	0	0	1	1	1
44	Nutrient Broth	500 gram	10		3	1	0	1	1	0	1	0	1	1	1
45	Perchloric Acid/ 70%	250 ml	3		1	0	0	0	0	0	0	0	1	0	1
46	Petroleum Ether	2500 ml	1		0	0	0	0	0	0	0	0	0	0	1
47	Phenol Chloroform Isoamyl (PCI)	500 ml	9		3	1	1	1	0	0	0	0	1	1	1
48	Phosphate buffer saline (PBS)	500 ml	4		1	0	0	0	0	0	0	0	1	1	1
49	Potassium acetate	100 gram	3		1	0	0	0	0	0	0	0	1	0	1
50	Potassium chloride	500 gram	2		0	0	0	0	0	0	0	0	0	1	1
51	Potassium Chromate	500 gram	1		0	0	0	0	0	0	0	0	0	0	1
52	Potassium dihydrogen phosphate (Potassium pho.monobasic)	500 gram	1		0	0	0	0	0	0	0	0	0	0	1
53	Potassium phosphate	500 gram	2		0	0	0	0	0	0	0	0	0	1	1
54	Potassium Sulphate k2so4	500 gram	3		1	0	0	0	0	0	0	0	1	0	1
55	Potato Dextrose Agar	500 gram	4		1	0	1	0	0	0	0	0	1	0	1
56	Proteinase K	1 ml	15		4	0	3	0	0	2	1	0	2	2	1
57	Pyridine	500 ml	1		0	0	0	0	0	0	0	0	0	0	1
58	Pyruvate	50 ml	1		0	0	0	0	0	0	0	0	0	0	1
59	Safranine	1000 ml	8		3	0	3	0	0	0	0	0	1	1	0
60	Silver Nitrate (AgNO3)	25 gram	1		0	0	1	0	0	0	0	0	0	0	0
61	Sodium bicarbonate/Sodium hydrogen Carbonate	500 gram	4		1	0	0	0	0	0	0	0	1	1	1
62	Sodium carbonate	500 gram	3		0	0	0	0	0	0	0	0	1	1	1
63	Sodium dihydrogen phosphate	1000 gram	2		1	0	0	0	0	0	0	0	0	1	0

Sr. No.	Name of Items (as per specifications given above)	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Locations										
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
64	sodium dodecyl sulfate (SDS)	100 gram	2		0	0	1	0	0	0	0	0	1	0	0
65	TAE (50X)	500 ml	13		4	1	0	2	1	0	1	1	1	1	1
66	Taq. DNA Polymerase	500 IU	7		1	0	1	0	1	0	1	0	1	1	1
67	TEMED	100 ml	5		2	0	0	0	0	0	0	0	1	1	1
68	Titanium dioxide TiO2	100 gram	1		0	0	1	0	0	0	0	0	0	0	0
69	Tris-base	500 gram	4		3	0	0	0	0	0	0	0	0	0	1
70	Tris-EDTA	500 gram	4		2	0	0	0	0	0	1	0	0	0	1
71	Tris-HCl	500 gram	3		1	0	0	0	0	0	0	0	0	1	1
72	TRI-Zole	100 ml	9		3	1	1	1	0	0	0	0	1	1	1
73	Yeast Powder	100 gram	8		2	0	1	0	0	2	0	0	1	1	1
74	Zinc chloride	100 gram	2		0	0	0	0	0	0	0	0	1	1	0
75	Zinc Oxide (ZnO)	100 gram	1		0	0	1	0	0	0	0	0	0	0	0
76	Blood grouping Kit (Anti-A, B & D)	Nos.	4		0	0	1	0	0	1	0	0	0	1	1
77	Acetocarmine stain	100 ml	9		4	0	1	0	1	1	0	0	1	1	0
78	Agar agar/Agar powder	500 gram	7		2	1	1	1	0	0	0	0	1	0	1
<b>Others</b>															
1	Alcoholic Swabs	1000pcs Pkt	11		3	0	5	0	0	1	0	0	1	1	0
2	Aluminum foil	Nos.	42		14	0	15	0	2	1	1	0	5	2	2
3	API 20E strips for bacterial identification kit	Nos.	5		2	0	0	0	0	0	1	0	1	1	0
4	Cling Film	Nos.	19		4	1	10	1	0	0	0	0	2	0	1
5	Cotton Buds	100pcs Pkt	8		1	0	0	0	0	0	0	0	5	2	0
6	Cotton roll	Nos.	2		0	0	2	0	0	0	0	0	0	0	0

Sr. No.	Name of Items (as per specifications given above)	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Locations										
					Lahore Faisal Town	Gujranwala	Rawalpindi	Jhelum	Sahiwal	Bahawalpur	Peshawar	Quetta	Faisalabad	Multan	Karachi
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
7	Cryo vials 2 ml with cap	500pcs Pkt	2		1	0	0	0	0	0	0	0	0	0	1
8	Disposable cuvettes (spectrophotometer)	50pcs Pkt	1		0	0	1	0	0	0	0	0	0	0	0
9	Mask	100pcs Pkt.	23		6	0	5	0	1	0	1	0	5	3	2
10	Parafilm	Nos.	9		4	0	2	0	1	0	0	0	1	0	1
11	Petridish (plastic/ disposable)	10pcs Pkt	118		62	10	10	10	5	10	10	0	0	0	1
12	PH paper	Nos.	74		31	5	1	5	10	10	2	0	5	5	0
13	pH strips	Nos.	2		2	0	0	0	0	0	0	0	0	0	0
14	Disposable Plastic pipette 1 ml	Nos.	15		0	0	0	0	0	0	0	0	5	5	5
15	Disposable Plastic pipette 25 ml	Nos.	11		0	0	5	0	0	0	0	0	5	0	1
16	Strips for Glucometer(Oncall Glucometer)	50pcs Pkt	10		5	0	0	0	0	1	0	0	2	2	0
17	Syringe (10 cc)	50pcs Pkt	2		0	0	2	0	0	0	0	0	0	0	0
18	Syringe 5CC	100pcs pkt	9		3	1	1	1	1	0	1	0	0	1	0
19	Toothpicks	100pcs pkt	8		3	0	1	0	0	1	0	0	1	1	1
20	Whatman Filter paper no.42	Nos.	34		22	0	1	0	0	0	2	0	2	3	4
21	Prickers	Nos.	175		10	0	2	0	0	0	1	0	100	50	12
22	Autoclavable bags (medium size)	100/pcs PKT.	1		0	0	1	0	0	0	0	0	0	0	0
23	Capillary tube glass	100/pcs PKT.	1		0	0	0	0	0	0	0	0	1	0	0
24	CBC/ EDTA tubes	100pcs Pkt	9		2	0	1	1	1	0	1	0	1	1	1
<b>Plastic &amp; Glassware</b>															
1	Beaker (100 ml) glass	Nos.	35		14	5	0	5	0	2	3	0	2	2	2
2	Beaker (250 ml) glass	Nos.	51		25	5	5	5	0	0	3	0	6	0	2
3	Beaker (50 ml) glass	Nos.	21		14	0	0	0	0	2	3	0	0	0	2

Sr. No.	Name of Items (as per specifications given above)	Preferred Unit / Packing	Total Qty	Standard Unit / Packing as per Bidder	Locations										
					Lahore Faisal Town	Gujranwala	Rawalpindi	Jhelum	Sahiwal	Bahawalpur	Peshawar	Quetta	Faisalabad	Multan	Karachi
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
4	Beaker 10 ml	Nos.	8		2	0	0	0	0	2	3	0	0	0	1
5	Beaker 500 ml	Nos.	34		17	5	5	5	0	0	0	0	0	0	2
6	Burette 50 ml	Nos.	7		1	0	2	0	0	0	0	0	2	0	2
7	Conical flask (250 ml) glass	Nos.	5		5	0	0	0	0	0	0	0	0	0	0
8	Dropping bottles	Nos.	21		4	0	0	0	3	2	0	0	10	2	0
9	Erlenmeyer flask (1000 ml) glass	Nos.	2		0	0	0	0	0	0	0	0	0	0	2
10	Erlenmeyer flask (250 ml) glass	Nos.	27		1	0	10	0	0	2	3	0	6	0	5
11	Funnel	Nos.	27		16	0	0	0	2	1	0	0	2	2	4
12	Glass bottle 1000 ml	Nos.	12		10	0	0	0	0	0	0	0	0	0	2
13	Glass bottle with screw cap 100ml	Nos.	23		11	0	5	0	5	0	2	0	0	0	0
14	Glass culture tubes	Nos.	50		0	0	50	0	0	0	0	0	0	0	0
15	Glass fermenting container (1 L)	Nos.	2		0	0	2	0	0	0	0	0	0	0	0
16	Petri plate (glass)	Nos.	187		45	10	20	10	12	0	30	0	20	20	20
17	Pipette (glass) 10 ml	Nos.	7		0	0	5	0	0	0	0	0	0	0	2
18	Pyrex glass bottle caps 1000 ml	Nos.	42		12	0	5	0	5	0	0	0	10	5	5
19	Small Animal Preservation Jar	Nos.	10		10	0	0	0	0	0	0	0	0	0	0
20	Spatula	Nos.	49		16	0	10	0	10	0	3	0	3	2	5
21	Staining Jar	Nos.	11		5	0	0	0	0	1	1	0	2	0	2
22	Stirring Rod	Nos.	44		15	0	10	0	5	1	2	0	10	0	1
23	Volumetric flask 500 ml	Nos.	4		0	0	0	0	0	0	0	0	0	0	4
24	Glass pipette 5ml	Nos.	7		0	0	0	0	0	0	0	0	5	2	0
25	Glass Spreader	Nos.	35		11	0	10	0	0	0	2	0	5	5	2

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					Lahore Faisal Town	Gujranwala	Rawalpindi	Jhelum	Sahiwal	Bahawalpur	Peshawar	Quetta	Faisalabad	Multan	Karachi
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Miscellaneous</b>															
1	Dissection Kit	Nos.	5		3	0	0	0	0	0	0	0	2	0	0
2	Dissection Tray	Nos.	4		2	0	0	0	0	0	0	0	2	0	0
3	Dissecting blades	Nos.	15		5	0	0	0	0	0	0	0	10	0	0
4	Dissecting board	Nos.	2		2	0	0	0	0	0	0	0	0	0	0
5	Durham's Tube	Nos.	20		5	0	0	0	0	0	0	0	5	10	0
6	Pipette filler (plastic)	Nos.	17		7	0	0	0	0	0	0	0	10	0	0
7	Dropper	Pkt 10Pcs	3		1	0	0	0	0	0	0	0	1	1	0
8	Eppendorf tube rack (1.5 ml)	Nos.	26		7	0	5	0	2	0	0	0	5	2	5
9	Neubauer chamber set	Nos.	5		3	0	0	0	0	1	0	0	0	0	1
10	Insect Pins(English, Continental/ Mintutin Nadein)	Pkt 100Pcs	1		1	0	0	0	0	0	0	0	0	0	0
11	Magnetic stirrer	Nos.	3		3	0	0	0	0	0	0	0	0	0	0
12	Mortar & pestle	Nos.	3		0	0	3	0	0	0	0	0	0	0	0
13	Pinning Blocks	Nos.	5		5	0	0	0	0	0	0	0	0	0	0
14	Spirit lamp	Nos.	17		5	0	2	0	0	0	0	0	5	0	5
15	Test Tube Cleaning Brush	Nos.	9		4	0	0	0	0	0	0	0	5	0	0
16	Test tube holder	Nos.	44		12	0	20	0	0	0	2	0	10	0	0
17	Test Tube Stand Steel	Nos.	5		5	0	0	0	0	0	0	0	0	0	0
18	Thermometer digital	Nos.	8		4	0	0	0	0	0	0	0	2	2	0
19	Tips Boxes (blue)	Nos.	28		5	0	5	0	5	0	0	0	5	3	5
20	Tips Boxes (white)	Nos.	28		5	0	5	0	5	0	0	0	5	3	5
21	Tips Boxes (yellow)	Nos.	28		5	0	5	0	5	0	0	0	5	3	5

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
<b>Skeleton, Specimen, Slides</b>																
1	Connective tissue slides	Nos.	6		2	0	1	0	1	2	0	0	0	0	0	0
2	Development stages of Chick slides	Nos.	1		1	0	0	0	0	0	0	0	0	0	0	0
3	Development stages of Fish slides	Nos.	1		1	0	0	0	0	0	0	0	0	0	0	0
4	Developmental stages of sea Urchin slides	Nos.	1		1	0	0	0	0	0	0	0	0	0	0	0
5	Entamoeba slides	Nos.	1		0	0	1	0	0	0	0	0	0	0	0	0
6	Epithelial tissue slides	Nos.	6		2	0	1	0	1	2	0	0	0	0	0	0
7	Euglena slides	Nos.	5		2	0	1	0	1	1	0	0	0	0	0	0
8	Fasciola slides	Nos.	1		0	0	1	0	0	0	0	0	0	0	0	0
9	Nervous tissue slides	Nos.	6		2	0	1	0	1	2	0	0	0	0	0	0
10	Paramecium Fission slides	Nos.	2		1	0	1	0	0	0	0	0	0	0	0	0
11	Plasmodium slides	Nos.	2		0	0	1	0	1	0	0	0	0	0	0	0
12	Prepared slides of Liver	Nos.	2		1	0	1	0	0	0	0	0	0	0	0	0
13	Prepared slides of Mitosis	Nos.	6		5	0	1	0	0	0	0	0	0	0	0	0
14	Prepared slides of ovary	Nos.	3		2	0	1	0	0	0	0	0	0	0	0	0
15	Prepared slides of skeletal Muscle	Nos.	6		4	0	1	0	1	0	0	0	0	0	0	0
16	Prepared slides of Sperm	Nos.	3		2	0	1	0	0	0	0	0	0	0	0	0
17	Prepared slides of Testes	Nos.	3		2	0	1	0	0	0	0	0	0	0	0	0
18	Trypanosoma slides	Nos.	1		0	0	1	0	0	0	0	0	0	0	0	0
19	Fish skeleton	Nos.	1		0	0	1	0	0	0	0	0	0	0	0	0
20	Frog Skeleton	Nos.	1		0	0	0	0	0	1	0	0	0	0	0	0
21	Amphibia Frog Specimen	Nos.	2		0	0	0	0	1	1	0	0	0	0	0	0

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
22	Fishes Specimen	Nos.	2		1	0	0	0	0	0	0	0	0	0	1
23	Platyhelminthes Specimen	Nos.	1		0	0	0	0	0	1	0	0	0	0	0
24	Porifera Specimen	Nos.	1		0	0	0	0	0	1	0	0	0	0	0