



**Tender No. 04/2023**

**Bidding Documents**

**SPECIAL INSTRUCTIONS**

- No Cutting erasing is allowed in the Tender bid.
- Bid offered strictly in accordance with the bid document will only be accepted.
- Only typed bid will be accepted (no hand written)
- Bid Security will be accepted in the form of CDR (Call Deposit Receipt)

**THIS IS FOR STRICT COMPLIANCE, FAILING WHICH THE RESPECTIVE BID SHALL STAND CANCELLED**

**Contact Address:  
Deputy Treasurer/Incharge Purchase Cell  
Cholistan University of Veterinary and Animal Sciences,  
Near DHA Bahawalpur  
Tel: 062-9255718,731**



# TECHNICAL PROPOSAL

TENDER NO. 04/2023

## TERMS & CONDITIONS

1. The price of this tender document is Rs.1,500/- (Non-Refundable) which must be deposited into Account title " **CHOLISTAN UNI OF VET & ANI SCI BWP** " A/c. No, **1752-79010215-03** in any branch of Habib Bank Limited.
2. The Tender complete in all respect along with 2% Bid Security of Estimated Price / Cost in the shape of only "Call Deposit Receipt" (CDR) in favor of "Treasurer, CUVAS", Bahawalpur should reach in Treasurer office by **17-04-2023** at **11:00 AM** in the Cholistan University of Veterinary & Animal Sciences, Bahawalpur.
3. Bid Security

Lot No.	Description	Bid Security (Rs.)
1	Chemicals	7500
2	Consumable	7500

4. The Technical proposals will be opened on **17-04-2023 at 11:30 AM.** in Administration Block, Treasurer Office, Meeting Room, 1<sup>st</sup> Floor, Cholistan University of Veterinary and Animal Sciences, Bahawalpur.
5. The offered price should be inclusive of all taxes. All the taxes will be applicable as per Government rules. The bidder will be responsible for any changes in the taxes during the tender process.
6. The rate must be quoted only in Pakistani Rupees.
7. Quoted rates must be valid for 90 days.
8. The rates of the items will be evaluated item wise instead of lot wise.
9. No offer shall be considered if it is:
  - a) Submitted without Tender Document.
  - b) Submitted without Bid Security money.
  - c) Received after the date and time fixed for the receipt of tenders.
  - d) Is unsigned.
  - e) Is ambiguous.
  - f) Is conditional.
  - g) Is given by the firm black listed, suspended or removed from the approved list by any Government, Semi Government, Autonomous Bodies or other firm.
  - h) Is received by Telegram.
  - i) Is received with a validity period shorter than the required in the tender enquiry.
  - j) Does not confirm to general conditions of the enquiry i.e it is not accompanied by sample or manufacturers literature where required.
  - k) for store materially and substantially different from that required in the tender enquiry.
10. 10% amount as performance security will be deducted from the bills of the firms at the time of payment of total of the supply order which will be retained, for at least three months after delivery of Items mentioned above or till the warranty period which ever will be later, by the Treasurer CUVAS Bahawalpur. In case of non-warranty items performance guarantee/security will be refunded/released after three months subject to the satisfactory report from the end user.
11. The sample may be provided as & when required by Technical Committee.
12. Applicable Govt. levies will be deducted at source from the bill.
13. The equipment / stores supplied by the bidder shall be brand new, in original manufacturer packing and complete in all respects. Cost of transportation of supplied equipment / goods to the site of university and cost of installation and commissioning of equipment shall be the responsibility of the supplier.
14. Supply of material should be made within stipulated period of the Purchase Order positively; in case of failure the amount of CDR may forfeited and purchase will be made at the risk and cost of the defaulter or any penalty as decided by the purchase committee of the University can also be imposed.

15. The buyer shall notify the supplier in writing/through telephone of any defects that occur during the warranty period. On receipt of such notification/telephonic message the supplier shall attend the breakdown call within a maximum of 6 working hours.
16. The firm offering prices for supply of machinery and equipment should have sufficient qualified technical staff and be equipped and having capability to undertake the maintenance or replacement for the equipment supplied to this University.
17. The successful venders will attach the stamp duty of 0.25% or Rs. 1200/- (whichever is greater) of total value of the contract / purchase order at the time of signing of contract.
18. The bidding documents should be dropped in Tender Box in the office of the treasurer, 1<sup>st</sup> Floor, CUVAS, Bahawalpur, during five working days till the last date mentioned in tender notice.
19. Bids must be quoted on company's letter pad duly signed stamped by the bidder
20. Please attach NTN, GST and professional tax certificates with bidding documents.
21. Please attach the copy of your FBR Active taxpayer serial Number list for the current financial year.
22. Please read, sign all the tender documents, terms and conditions carefully and attached with your bidding documents.
23. Any further information if required can be obtained from Purchase Cell, CUVAS, Bahawalpur.
24. In case the contractor fails to execute the contract satisfactorily, the amount of security shall be forfeited. The security shall be released after satisfactory completion of the contract on production of report to the effect issued by the committee constituted for the purpose and expiry of successful warranty period.
25. On finding substandard quality or lower specification as and when noticed during process, the security deposited shall be forfeited in favor of the CUVAS Bahawalpur. The purchaser also reserves the right to purchase the material from elsewhere without any notice at the risk and cost of the defaulting contractor.
26. All pages of the tender document should be signed and stamped by the bidder.
27. CUVAS reserves the right to decrease /increase the quantity without consultation as and when required as per requirement and available budget.
28. CUVAS may ask the lowest bidder for any clarification/providing of documents for satisfactory evaluation of offer.
29. The payment shall be subject to the satisfaction of all items duly certified by the inspection committee/end user. Findings of the inspection committee will be binding on the supplier.
30. Quantity of Items can be increased or decreased (Fully or Partially) at the time of issuance of Purchase / Supply Order keeping in view the budgetary provision or any other reason thereof.

We, M/s. \_\_\_\_\_ hereby certify that we have read and agreed with all terms and conditions mentioned above.

Signature: \_\_\_\_\_

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

Dated: \_\_\_\_\_

Stamp: \_\_\_\_\_

Deputy Treasurer/  
 Incharge Purchase Cell  
 Cholistan University of Veterinary and Animal  
 Sciences, near DHA, Bahawalpur  
 Tel: 062-9255718, 131

**TENDER DOCUMENTS**

**Lot No.1: Chemicals**

<b>Sr. No.</b>	<b>Name of item</b>	<b>Required Specification</b>	<b>Packing</b>	<b>Quantity</b>	<b>Offered Specification</b>
1	Calcium chloride	Lab Grade (Local/Imported)	1000 gm	1	
2	EDTA	Lab Grade (Local/Imported)	1000 gm	1	
3	Glycerol	Lab Grade (Local/Imported)	2.5Liter	1	
4	Yeast extract	Lab Grade (Local/Imported)	1000 gm	1	
5	Trypton	Lab Grade (Local/Imported)	1000 gm	1	
6	Methanol	Lab Grade (Local/Imported)	2.5Liter	2	
7	Ethanol Industrial grade	Lab Grade (Local/Imported)	2.5Liter	10	
8	PEPTONE	Lab Grade (Local/Imported)	1000 gm	1	
9	S S AGAR	Lab Grade (Local/Imported)	500gm	1	
10	TRIPLE SUGAR IRON AGAR	Lab Grade (Local/Imported)	500gm	1	
11	TRYPTONE SOYA BROTH	Lab Grade (Local/Imported)	500gm	1	
12	X.L.D. MEDIUM	Lab Grade (Local/Imported)	500gm	1	
13	Parafine Sealing Roll	Lab Grade (Local/Imported)	Roll (4 inch x 1.25 inch each)	2	
14	Cedar wood oil	Lab Grade (Local/Imported)	500ml	1	
15	Formalin	Lab Grade (Local/Imported)	1Liter	1	
16	Potassium Permanganate (KMnO <sub>4</sub> )	Lab Grade (Local/Imported)	1000 gm	1	
17	Sabroud Dextrose Agar	Lab Grade (Local/Imported)	500gm	1	
18	Isopropanol	Lab Grade (Local/Imported)	2.5Liter	1	
19	PBS tablet	Lab Grade (Local/Imported)	50 tab	1	
20	Oxidase Agar	Lab Grade (Local/Imported)	500gm	1	
21	PPLO Broth	Lab Grade (Local/Imported)	500gm	1	
22	Citrate Agar	Lab Grade (Local/Imported)	500gm	1	
23	Glucose	Lab Grade (Local/Imported)	1000 gm	1	
24	Lactose	Lab Grade (Local/Imported)	1000 gm	1	

25	Fructose	Lab Grade (Local/Imported)	1000 gm	1	
26	Maltose	Lab Grade (Local/Imported)	1000 gm	1	
27	Galactose	Lab Grade (Local/Imported)	100gm	1	
28	Sucrose	Lab Grade (Local/Imported)	1000 gm	1	
29	Mannitol	Lab Grade (Local/Imported)	1000 gm	1	
30	Starch (Potato, Corn each)	Lab Grade (Local/Imported)	500gm	2	
31	Disinfectant	Lab Grade (Local/Imported)	1000 gm	1	
32	Hand sanitizers	Lab Grade (Local/Imported)	500ml	2	
33	Dimethyl sulfoxide (DMSO)	Lab Grade (Local/Imported)	2.5Liter	1	
34	Tween-80	Lab Grade (Local/Imported)	1Liter	1	
35	pH paper	Lab Grade (Local/Imported)	Box	2	
36	Triton™ X-100	Lab Grade (Local/Imported)	500 ml	1	
37	Mueller Hinton Agar	Lab Grade (Local/Imported)	500gm	2	
38	Nutrient Agar	Lab Grade (Local/Imported)	500gm	1	
39	Streptomycine Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
40	Erythromycine Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
41	orthosomycin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
42	flavomycin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
43	β-lactams Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
44	sulfadimethaxine Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
45	ceftriaxone Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
46	Amoxicilline Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
47	cefoxitin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
48	fluoroquinolone Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
49	tetracyclines Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
50	chloramphenicol Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
51	vancomycin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
52	cephalosporins Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
53	Ciprofloxacin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
54	levofloxacin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
55	lincomycin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	

56	Ceftiofur (EFT) Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
57	Polymyxin B Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
58	Enrofloxacin (ENR) Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
59	Amphotericine B Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
60	Cefaclor Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2	
61	Novobiocin antibiotics	Lab Grade (Local/Imported)	50 Discs/Cartridge	1	
62	Cycloheximide Antifungal	Lab Grade (Local/Imported)	onepack/50 Discs/Cartridge	1	
63	Bacitracin	Lab Grade (Local/Imported)	onepack/50 Discs/Cartridge	1	
64	Colistine Sulphate	Lab Grade (Local/Imported)	onepack/50 Discs/Cartridge	1	
65	Penicilline	Lab Grade (Local/Imported)	onepack/50 Discs/Cartridge	1	
66	Amoxycilline	Lab Grade (Local/Imported)	onepack/50 Discs/Cartridge	1	
67	Gentamycine	Lab Grade (Local/Imported)	onepack/50 Discs/Cartridge	1	
68	NaCL Lab grade	Lab Grade (Local/Imported)	kg	1	
69	Ethyl Acetate	Lab Grade (Local/Imported)	1 L	1	
70	Mackonky Agar	Lab Grade (Local/Imported)	500 gm	1	
71	Cetrimide Agar	Lab Grade (Local/Imported)	500 gm	1	
72	Copper Sulphate	Lab Grade (Local/Imported)	500 gm	1	
73	Zinc Sulphate	Lab Grade (Local/Imported)	500 gm	1	
74	Silver Nitrate	Lab Grade (Local/Imported)	25 gm	1	
75	Sodium Selenite	Lab Grade (Local/Imported)	1000 gm	1	
76	2-methyl imidazole	Lab Grade (Local/Imported)	100gm	1	
77	Zinc Nitrate hexahydrate	Lab Grade (Local/Imported)	1000 gm	1	
78	Beef Extract	Lab Grade (Local/Imported)	1000 gm	1	
79	Agar Agar	Lab Grade (Local/Imported)	1000 gm	5	
80	Brain Heart Infusion Agar	Lab Grade (Local/Imported)	500 gm	1	
81	Methyl red reagent	Lab Grade (Local/Imported)	25gm	1	
82	SIM medium (Sulphide Indole Motility medium)	Lab Grade (Local/Imported)	500 gm	1	
83	Hydrogen peroxide solution 3%	Lab Grade (Local/Imported)	500 ml	1	
84	Crystal Violet	Lab Grade (Local/Imported)	25gm	1	
85	Gram Iodine	Lab Grade (Local/Imported)	50gm	1	
86	Saffranin	Lab Grade (Local/Imported)	500 mL	1	

87	Campylobacter Selective Agar	Lab Grade (Local/Imported)	500 gm	1	
88	L-rhamnose	Lab Grade (Local/Imported)	100 gm	1	
89	Thioglycolate Agar	Lab Grade (Local/Imported)	500 gm	1	
90	Gelatin	Lab Grade (Local/Imported)	500 ml	1	
91	Phenylalanin	Lab Grade (Local/Imported)	25 gm	1	
92	PCR MASTER MIX	Lab Grade (Local/Imported)	200 RNX	5	
93	Agarose Powder	Lab Grade (Local/Imported)	500gm	1	
94	DNA Loading Dye	Lab Grade (Local/Imported)	5ml	10	
95	Ethidium Bromide	Lab Grade (Local/Imported)	50 ml	1	
96	Polymerase Chain Reaction Clean up Kit (50 samples)	Lab Grade (Local/Imported)	Each (50 Sample)	1	
97	Nucleic Acid extraction Kit (50 Sample)	Lab Grade (Local/Imported)	Each (50 Sample)	1	
98	Ladder 100 bp, 1000 bp	Lab Grade (Local/Imported)	50ug	2	
99	Tris EDTA	Lab Grade (Local/Imported)	500 gm	1	
100	CDNA synthesis Kit (50 samples)	Lab Grade (Local/Imported)	Each (50 Sample)	1	
101	Boric acid	Lab Grade (Local/Imported)	500 g	1	
102	NAOH Tablets	Lab Grade (Local/Imported)	Pack of 1000 tablets	1	
103	ELISA KIT (NDV etc.,)	Lab Grade (Local/Imported)	50 sample Kit	1	
104	Primers	Lab Grade (Local/Imported)	5	5	
105	Sprit	Lab Grade (Local/Imported)	1 litre	10	

### **LOT 2: Consumables**

Sr. No.	Name of item	Required Specification	Quantity	Offered Specification
1	Blue Nitrile Gloves (Medium Size)	Local/Imported	10	
2	Polythene Gloves (Medium Size)	Local/Imported	10	
3	Syringes (5 ml)	Local/Imported	2	
4	Syringes (3ml)	Local/Imported	1	
5	Insulin Syringes (1ml)	Local/Imported	2	
6	Plastic Zipper Bags Large Size	Local/Imported	1	
7	Plastic Zipper Bags Medium Size	Local/Imported	1	
8	Disposable Face Mask	Local/Imported	5	
9	Lab Coat wrinkle free (Large Size, XL)	Local/Imported	4	
10	Glass slides	Local/Imported	10	
11	Cover Slips	Local/Imported	10	
12	Glass Petri Dishes (Medium Sized)	Local/Imported	50	
13	Glass Petri Dishes (Large Sized)	Local/Imported	50	
14	Disposable petri dishes	Local/Imported	10	
15	Plastic Washing Bottles	Local/Imported	5	



16	Slide staining stand	Local/Imported	2	
17	Inoculating Loop (Platinum)	Local/Imported	2	
18	Staining Bottles with stain dropper	Local/Imported	4	
19	Sprit Lamp	Local/Imported	5	
20	Eppendorf Tubes (1.5 ml)	Local/Imported	2	
21	Eppendorf Tubes (2.5 ml)	Local/Imported	2	
22	Eppendorf Tubes Stand (1.5 ml and 2.5 ml)	Local/Imported	2	
23	Falcon tubes (15 mL)	Local/Imported	5	
24	Falcon tubes Stand (15 ml)	Local/Imported	5	
25	EDTA Coated Blood collected tube	Local/Imported	4	
26	Plan Blood collected tube	Local/Imported	2	
27	Cotton swab sticks	Local/Imported	5	
28	Durhams Tube	Local/Imported	1	
29	Aluminium foil	Local/Imported	10	
30	Viabank (Storage Bottles)	Local/Imported	2	
31	Micropipet 1000 ul	Local/Imported	1	
32	Micropipet 0.5-10 ul	Local/Imported	1	
33	Micropipet 50 ul	Local/Imported	1	
34	Micropipet 100 ul	Local/Imported	1	
35	Magnetic stirrer	Local/Imported	2	
36	Plastic Bags (Size: 3kg)	Local/Imported	1	
37	Plastic Bags (Size: 5kg)	Local/Imported	1	
38	Blue Cap Autoclavable bottles (100 ml)	Local/Imported	5	
39	Blue Cap Autoclavable bottles (250 ml)	Local/Imported	5	
40	Anaerobic Jar	Local/Imported	1	
41	Spray Bottles	Local/Imported	3	
42	Dustbins	Local/Imported	3	
43	Collection tubes with cap ( 5mL), Autoclaveable	Local/Imported	30	
44	PCR tubes (25 ul)	Local/Imported	1	
45	Conical Glass FLASK 50 ml	Local/Imported	3	
46	Conical Glass FLASK 250 ml	Local/Imported	3	
47	Conical Glass FLASK 500 ml	Local/Imported	5	
48	Conical Glass FLASK 1000 ml	Local/Imported	3	
49	Tissue Box	Local/Imported	8	
50	Tissue paper roll	Local/Imported	50	
51	PCR tubes rack (25 uL tubes)	Local/Imported	3	
52	96 well microtitration plates	Local/Imported	20	
53	Heat Insulated Gloves	Local/Imported	2	
54	Goggles (2 No.)	Local/Imported	2	
55	Disposable Shoe Cover	Local/Imported	5	
56	Disposable Caps	Local/Imported	5	
57	Cavity Slides	Local/Imported	5	
58	Small test tube Rack	Local/Imported	5	
59	Large test tube Rack	Local/Imported	5	
60	Cotton Roll	Local/Imported	5	
61	Forceps	Local/Imported	5	
62	Syringe filters, 0.45 µm, A 33 mm	Local/Imported	2	
63	Syringe filters, 0.22 µm, A 33 mm	Local/Imported	2	
64	Comb for gel electrophoresis Medium Size	Local/Imported	1	
65	DNA Extraction racks	Local/Imported	5	
66	Micropipette Tips (DNAase/Rnase free100 µL) with Box/Yellow Tips	Local/Imported	15	

67	Micropipette Tips (DNAase/Rnase free, 50 µL) with Box/White Tips	Local/Imported	15	
68	Micropipette Tips (DNAase/Rnase free, 10 µL) with Box/White Tips	Local/Imported	15	
69	Micropipette Tips (DNAase/Rnase free, 1000 µL) with Box/Blue Tips	Local/Imported	10	
70	Glass graduated Cylinder 100 ml	Local/Imported	3	
71	Glass graduated Cylinder 500 ml	Local/Imported	3	
72	N5 Face Mask	Local/Imported	15	
73	Egg Puncture Steel	Local/Imported	1	
74	Punch for AGPT	Local/Imported	1	
75	Microtitration ELISA Plates	Local/Imported	10	

Signature: \_\_\_\_\_

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

Dated: \_\_\_\_\_

Stamp: \_\_\_\_\_

#### Technical Evaluation Criteria

The Technical proposals shall be evaluated by the technical evaluation committee in the light of following evaluation criteria:

Category	Description	Points
Legal (Mandatory)	Certificate of Company/Individual / Firm Registration/Incorporation under the laws of Pakistan.	Mandatory
	Valid Income Tax Registration.	Mandatory
	Valid General Sales Tax Registration (Status = Active with FBR as on the date of submission)	Mandatory
	Submission of undertaking on legal valid and attested stamp paper that the firm is not black listed by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector.	Mandatory
Eligibility Criteria	Organization anywhere in Pakistan. Must have 3 Years' Experience	Mandatory
	Compliance to the technical specifications of all items to be procured.	Mandatory

#### **Mandatory Note:**

- Verifiable documentary proofs for all above requirements are mandatory.
- Vendor/ Supplier will be responsible for installation and configuration of the supplied equipment in client environment as per client's requirements (where necessary)
- Brand and Model Number of quoted equipment must be mentioned. (Where applicable)
- Technical Brochures of quoted equipment must be attached. (Where applicable)

**PROCUREMENT OF LAB CHEMICALS AND CONSUMABLES**  
**TECHNICAL PARAMETERS**

Category	Description		Marks
Relevant Experience (Max points 15)	3 to 8 years		5
	9 to 14		10
	15 and above		15
Financial (Max points 25)	Annual Turnover	Rs. 1 million	5
		Rs. 2 million	10
		Rs. 3 Million and above	15
	Audited Financial Reports	For the Past 3 Years	5 (1.67 per year)
	Income Tax Returns	For the Past 3 Years	5 (1.67 per year)
Relevant Projects in Govt. public sector university and Semi Govt. Departments (Minimum 03 Projects)	Cost of 3 Projects in the Past 5 Years  Each project carries 10 Marks	Rs. 2 million and above	30
Human Resource (Max points 20)	Total Number of Employees including minimum 3 Designer / Professional	0 – 10	10
		20 – 30	15
		31 and above	20
Company Website	Accomplished with Complete Products and Details		5
At least 1 Repair / After Sale Service Satisfactory Certificate from Semi Government / Government Departments			5

Note:

- Verifiable documentary proofs for all above requirements are mandatory.
- Vendor/ Supplier will be responsible for transportation and installation of equipment in client environment as per client's requirements. (Where applicable)
- Sample may be provided within 7 working days if required.
- Passing marks will be 50 for technical qualification.

Convener Technical Committee



# FINANCIAL PROPOSAL

TENDER NO. 04/2023

## FINANCIAL PROPOSAL

### Lot No.1: Chemicals

Sr. No.	Name of item	Required Specification	Packing	Quantity	Unit Price	Estimated Cost
1	Calcium chloride	Lab Grade (Local/Imported)	1000 gm	1		
2	EDTA	Lab Grade (Local/Imported)	1000 gm	1		
3	Glycerol	Lab Grade (Local/Imported)	2.5Liter	1		
4	Yeast extract	Lab Grade (Local/Imported)	1000 gm	1		
5	Trypton	Lab Grade (Local/Imported)	1000 gm	1		
6	Methanol	Lab Grade (Local/Imported)	2.5Liter	2		
7	Ethanol Industrial grade	Lab Grade (Local/Imported)	2.5Liter	10		
8	PEPTONE	Lab Grade (Local/Imported)	1000 gm	1		
9	S S AGAR	Lab Grade (Local/Imported)	500gm	1		
10	TRIPLE SUGAR IRON AGAR	Lab Grade (Local/Imported)	500gm	1		
11	TRYPTONE SOYA BROTH	Lab Grade (Local/Imported)	500gm	1		
12	X.L.D. MEDIUM	Lab Grade (Local/Imported)	500gm	1		
13	Parafine Sealing Roll	Lab Grade (Local/Imported)	Roll (4 inch x 1.25 inch each)	2		
14	Cedar wood oil	Lab Grade (Local/Imported)	500ml	1		
15	Formalin	Lab Grade (Local/Imported)	1Liter	1		
16	Potassium Permanganate (KMnO4)	Lab Grade (Local/Imported)	1000 gm	1		
17	Sabroud Dextrose Agar	Lab Grade (Local/Imported)	500gm	1		
18	Isopropanol	Lab Grade (Local/Imported)	2.5Liter	1		
19	PBS tablet	Lab Grade (Local/Imported)	50 tab	1		
20	Oxidase Agar	Lab Grade (Local/Imported)	500gm	1		
21	PPLO Broth	Lab Grade (Local/Imported)	500gm	1		
22	Citrate Agar	Lab Grade (Local/Imported)	500gm	1		
23	Glucose	Lab Grade (Local/Imported)	1000 gm	1		
24	Lactose	Lab Grade (Local/Imported)	1000 gm	1		
25	Fructose	Lab Grade (Local/Imported)	1000 gm	1		
26	Maltose	Lab Grade (Local/Imported)	1000 gm	1		
27	Galactose	Lab Grade (Local/Imported)	100gm	1		

28	Sucrose	Lab Grade (Local/Imported)	1000 gm	1		
29	Mannitol	Lab Grade (Local/Imported)	1000 gm	1		
30	Starch (Potato, Corn each)	Lab Grade (Local/Imported)	500gm	2		
31	Disinfectant	Lab Grade (Local/Imported)	1000 gm	1		
32	Hand sanitizers	Lab Grade (Local/Imported)	500ml	2		
33	Dimethyl sulfoxide (DMSO)	Lab Grade (Local/Imported)	2.5Liter	1		
34	Tween-80	Lab Grade (Local/Imported)	1Liter	1		
35	pH paper	Lab Grade (Local/Imported)	Box	2		
36	Triton™ X-100	Lab Grade (Local/Imported)	500 ml	1		
37	Mueller Hinton Agar	Lab Grade (Local/Imported)	500gm	2		
38	Nutrient Agar	Lab Grade (Local/Imported)	500gm	1		
39	Streptomycin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
40	Erythromycin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
41	orthosomycin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
42	flavomycin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
43	β-lactams Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
44	sulfadimethaxine Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
45	ceftriaxone Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
46	Amoxicilline Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
47	cefoxitin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
48	fluoroquinolone Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
49	tetracyclines Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
50	chloramphenicol Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
51	vancomycin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
52	cephalosporins Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
53	Ciprofloxacin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
54	levofloxacin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
55	lincomycin Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
56	Ceftiofur (EFT) Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
57	Polymyxin B Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
58	Enrofloxacin (ENR) Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		

59	Amphotericine B Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
60	Cefaclor Oxoid Antibiotic Disks	Lab Grade (Local/Imported)	50 Discs/Cartridge	2		
61	Novobiocin antibiotics	Lab Grade (Local/Imported)	50 Discs/Cartridge	1		
62	Cycloheximide Antifungal	Lab Grade (Local/Imported)	onepack/50 Discs/Cartridge	1		
63	Bacitracin	Lab Grade (Local/Imported)	onepack/50 Discs/Cartridge	1		
64	Colistine Sulphate	Lab Grade (Local/Imported)	onepack/50 Discs/Cartridge	1		
65	Penicilline	Lab Grade (Local/Imported)	onepack/50 Discs/Cartridge	1		
66	Amoxycilline	Lab Grade (Local/Imported)	onepack/50 Discs/Cartridge	1		
67	Gentamycine	Lab Grade (Local/Imported)	onepack/50 Discs/Cartridge	1		
68	NaCL Lab grade	Lab Grade (Local/Imported)	kg	1		
69	Ethyl Acetate	Lab Grade (Local/Imported)	1 L	1		
70	Mackonky Agar	Lab Grade (Local/Imported)	500 gm	1		
71	Cetrimide Agar	Lab Grade (Local/Imported)	500 gm	1		
72	Copper Sulphate	Lab Grade (Local/Imported)	500 gm	1		
73	Zinc Sulphate	Lab Grade (Local/Imported)	500 gm	1		
74	Silver Nitrate	Lab Grade (Local/Imported)	25 gm	1		
75	Sodium Selenite	Lab Grade (Local/Imported)	1000 gm	1		
76	2-methyl imidazole	Lab Grade (Local/Imported)	100gm	1		
77	Zinc Nitrate hexahydrate	Lab Grade (Local/Imported)	1000 gm	1		
78	Beef Extract	Lab Grade (Local/Imported)	1000 gm	1		
79	Agar Agar	Lab Grade (Local/Imported)	1000 gm	5		
80	Brain Heart Infusion Agar	Lab Grade (Local/Imported)	500 gm	1		
81	Methyl red reagent	Lab Grade (Local/Imported)	25gm	1		
82	SIM medium (Sulphide Indole Motility medium)	Lab Grade (Local/Imported)	500 gm	1		
83	Hydrogen peroxide solution 3%	Lab Grade (Local/Imported)	500 ml	1		
84	Crystal Violet	Lab Grade (Local/Imported)	25gm	1		
85	Gram Iodine	Lab Grade (Local/Imported)	50gm	1		
86	Saffranin	Lab Grade (Local/Imported)	500 mL	1		
87	Campylobacter Selective Agar	Lab Grade (Local/Imported)	500 gm	1		
88	L-rhamnose	Lab Grade (Local/Imported)	100 gm	1		
89	Thioglycolate Agar	Lab Grade (Local/Imported)	500 gm	1		

90	Gelatin	Lab Grade (Local/Imported)	500 ml	1		
91	Phenylalanin	Lab Grade (Local/Imported)	25 gm	1		
92	PCR MASTER MIX	Lab Grade (Local/Imported)	200 RNX	5		
93	Agarose Powder	Lab Grade (Local/Imported)	500gm	1		
94	DNA Loading Dye	Lab Grade (Local/Imported)	5ml	10		
95	Ethedium Bromide	Lab Grade (Local/Imported)	50 ml	1		
96	Polymerase Chain Reaction Clean up Kit (50 samples)	Lab Grade (Local/Imported)	Each (50 Sample)	1		
97	Nucleic Acid extraction Kit (50 Sample)	Lab Grade (Local/Imported)	Each (50 Sample)	1		
98	Ladder 100 bp, 1000 bp	Lab Grade (Local/Imported)	50ug	2		
99	Tris EDTA	Lab Grade (Local/Imported)	500 gm	1		
100	CDNA synthesis Kit (50 samples)	Lab Grade (Local/Imported)	Each (50 Sample)	1		
101	Boric acid	Lab Grade (Local/Imported)	500 g	1		
102	NAOH Tablets	Lab Grade (Local/Imported)	Pack of 1000 tablets	1		
103	ELISA KIT (NDV etc.,)	Lab Grade (Local/Imported)	50 sample Kit	1		
104	Primers	Lab Grade (Local/Imported)	5	5		
105	Sprit	Lab Grade (Local/Imported)	1 litre	10		

### **LOT 2: Consumables**

<b>Sr. No.</b>	<b>Name of item</b>	<b>Required Specification</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Estimated Cost</b>
1	Blue Nitrile Gloves (Medium Size)	Local/Imported	10		
2	Polythene Gloves (Medium Size)	Local/Imported	10		
3	Syringes (5 ml)	Local/Imported	2		
4	Syringes (3ml)	Local/Imported	1		
5	Insulin Syringes (1ml)	Local/Imported	2		
6	Plastic Zipper Bags Large Size	Local/Imported	1		
7	Plastic Zipper Bags Medium Size	Local/Imported	1		
8	Disposable Face Mask	Local/Imported	5		
9	Lab Coat wrinkle free (Large Size, XL)	Local/Imported	4		
10	Glass slides	Local/Imported	10		
11	Cover Slips	Local/Imported	10		
12	Glass Petri Dishes (Medium Sized)	Local/Imported	50		
13	Glass Petri Dishes (Large Sized)	Local/Imported	50		
14	Disposable petri dishes	Local/Imported	10		
15	Plastic Washing Bottles	Local/Imported	5		



16	Slide staining stand	Local/Imported	2		
17	Inoculating Loop (Platinum)	Local/Imported	2		
18	Staining Bottles with stain dropper	Local/Imported	4		
19	Sprit Lamp	Local/Imported	5		
20	Eppendorf Tubes (1.5 ml)	Local/Imported	2		
21	Eppendorf Tubes (2.5 ml)	Local/Imported	2		
22	Eppendorf Tubes Stand (1.5 ml and 2.5 ml)	Local/Imported	2		
23	Falcon tubes (15 mL)	Local/Imported	5		
24	Falcon tubes Stand (15 ml)	Local/Imported	5		
25	EDTA Coated Blood collected tube	Local/Imported	4		
26	Plan Blood collected tube	Local/Imported	2		
27	Cotton swab sticks	Local/Imported	5		
28	Durhams Tube	Local/Imported	1		
29	Aluminium foil	Local/Imported	10		
30	Viabank (Storage Bottles)	Local/Imported	2		
31	Micropipet 1000 ul	Local/Imported	1		
32	Micropipet 0.5-10 ul	Local/Imported	1		
33	Micropipet 50 ul	Local/Imported	1		
34	Micropipet 100 ul	Local/Imported	1		
35	Magnetic stirrer	Local/Imported	2		
36	Plastic Bags (Size: 3kg)	Local/Imported	1		
37	Plastic Bags (Size: 5kg)	Local/Imported	1		
38	Blue Cap Autoclavable bottles (100 ml)	Local/Imported	5		
39	Blue Cap Autoclavable bottles (250 ml)	Local/Imported	5		
40	Anaerobic Jar	Local/Imported	1		
41	Spray Bottles	Local/Imported	3		
42	Dustbins	Local/Imported	3		
43	Collection tubes with cap ( 5mL), Autoclaveable	Local/Imported	30		
44	PCR tubes (25 ul)	Local/Imported	1		
45	Conical Glass FLASK 50 ml	Local/Imported	3		
46	Conical Glass FLASK 250 ml	Local/Imported	3		
47	Conical Glass FLASK 500 ml	Local/Imported	5		
48	Conical Glass FLASK 1000 ml	Local/Imported	3		
49	Tissue Box	Local/Imported	8		
50	Tissue paper roll	Local/Imported	50		
51	PCR tubes rack (25 uL tubes)	Local/Imported	3		
52	96 well microtitration plates	Local/Imported	20		

53	Heat Insulated Gloves	Local/Imported	2		
54	Goggles (2 No.)	Local/Imported	2		
55	Disposable Shoe Cover	Local/Imported	5		
56	Disposable Caps	Local/Imported	5		
57	Cavity Slides	Local/Imported	5		
58	Small test tube Rack	Local/Imported	5		
59	Large test tube Rack	Local/Imported	5		
60	Cotton Roll	Local/Imported	5		
61	Forceps	Local/Imported	5		
62	Syringe filters, 0.45 µm, A 33 mm	Local/Imported	2		
63	Syringe filters, 0.22 µm, A 33 mm	Local/Imported	2		
64	Comb for gel electrophoresis Medium Size	Local/Imported	1		
65	DNA Extraction racks	Local/Imported	5		
66	Micropipette Tips (DNAase/Rnase free 100 µL) with Box/Yellow Tips	Local/Imported	15		
67	Micropipette Tips (DNAase/Rnase free, 50 µL) with Box/White Tips	Local/Imported	15		
68	Micropipette Tips (DNAase/Rnase free, 10 µL) with Box/White Tips	Local/Imported	15		
69	Micropipette Tips (DNAase/Rnase free, 1000 µL) with Box/Blue Tips	Local/Imported	10		
70	Glass graduated Cylinder 100 ml	Local/Imported	3		
71	Glass graduated Cylinder 500 ml	Local/Imported	3		
72	N5 Face Mask	Local/Imported	15		
73	Egg Puncture Steel	Local/Imported	1		
74	Punch for AGPT	Local/Imported	1		
75	Microtitration ELISA Plates	Local/Imported	10		

Signature: \_\_\_\_\_

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

Dated: \_\_\_\_\_

Stamp: \_\_\_\_\_