



Office of the Treasurer

Cholistan University of Veterinary & Animal Sciences, Bahawalpur

Near DHA, Bahawalpur-Pakistan

Office: +92-62-9255718, 9255731

[www.cuvas.edu.pk](http://www.cuvas.edu.pk)

## **TENDER NOTICE**

**PROCUREMENT OF ANIMAL FEED, LABORATORY EQUIPMENT, LIVESTOCK FARM ACCESSORIES, CHEMICALS, PLANT & MACHINERY, MEDICINE AND VACCINE FOR PROJECT ENTITLED "ESTABLISHMENT OF RESEARCH CENTER/INSTITUTE FOR LIVESTOCK NUTRITION AND FORAGE RESEARCH IN CHOLISTAN"**

### **TENDER No. 06/2023**

Cholistan University of Veterinary and Animal Sciences, Bahawalpur invites tender "FOR basis" on single stage two envelop basis (sealed) the bid shall be a single package consisting of two separate envelopes, containing separately the financial and the technical proposals. The envelopes shall be marked as "FINANCIAL PROPOSAL" AND "TECHNICAL PROPOSAL", separately, for supply of the above titled material(s)/Services as per Punjab Procurement Rules-2014 (amended) from all Income Tax, Punjab Sales Tax (PRA), General Sales Tax and Professional Tax registered firms for the **PROCUREMENT OF ANIMAL FEED, LABORATORY EQUIPMENT, LIVESTOCK FARM ACCESSORIES, CHEMICALS, PLANT & MACHINERY, MEDICINE AND VACCINE FOR "ESTABLISHMENT OF RESEARCH CENTER/INSTITUTE FOR LIVESTOCK NUTRITION AND FORAGE RESEARCH IN CHOLISTAN"** Immediately after publication/announcement of the tender notice, the bidding documents will be available on university website as well as on PPRA website. Original paid deposit slip of tender fee Rs,1,500/- 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, should be enclosed with the bid.

The Sealed quotations complete in all respect should reach in this office by **26-04-2023** till **11:00 a.m.** along with 2% Bid Security of Estimated Price in the form of CDR in the favor of "**Treasurer CUVAS, Bahawalpur**". The quotations will be opened on **26-04-2023** at **11:30 a.m.** in Administration Block, 1<sup>st</sup> Floor, Treasurer Office Meeting Room, Cholistan University of Veterinary and Animal Sciences, Bahawalpur.

**Convener Procurement Committee**  
Cholistan University of Veterinary and  
Animal Sciences, Bahawalpur



**Tender No. 06/2023**

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

**Contact Person**

**Dr. Asif Javaid  
Project Director / Associate Professor  
Department of Animal Nutrition  
CUVAS Bahawalpur  
Contact No. 062-9255705, 0310-9214165**

## **TERMS & CONDITIONS**

1. The price of this tender document is Rs.1,500/- (Non-Refundable)
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 **26-04-2023** at **11:00 a.m** in the Cholistan University of Veterinary & Animal Sciences, Bahawalpur.

3.

<b>Lot No.</b>	<b>Description</b>	<b>Bid Security (Rs.)</b>
1	ANIMAL FEED (SILAGE, HAY, WHEAT STRAW, MOLASSES)	140000/-
2	LABORATORY EQUIPMENT	20000/-
3	LIVESTOCK FARM ACCESSORIES	20000/-
4	CHEMICALS	26000/-
5	PLANT AND MACHINERY	12000/-
6	MEDICINE, DEWORMER AND VACCINATION	19400/-

4. The Technical proposals will be opened on **26-04-2023 at 11:30 a.m.** in Administration Block, Purchase cell, 1<sup>st</sup> Floor, Cholistan University of Veterinary and Animal Sciences, Bahawalpur.
5. The offered price should be inclusive of all taxes.
6. The rate must be quoted only in Pakistani Rupees.
7. Quoted rates must be valid for 90 days.
8. 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/incomplete
  - 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.
9. 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.
10. The sample may be provided as & when required by Technical Committee.
11. Applicable Govt. levies will be deducted at source from the bill.
12. 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.
13. 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.
14. 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.
15. 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.
16. The successful vendors 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.
17. 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.

18. Bids must be quoted on company's letter pad duly signed stamped by the bidder
19. Please attach NTN, GST and professional tax certificates with bidding documents.
20. Please attach the copy of your FBR Active taxpayer serial Number list for the current financial year.
21. Please read, sign all the tender documents, terms and conditions carefully and attached with your bidding documents.
22. Any further information if required can be obtained from Purchase Cell, CUVAS, Bahawalpur.
23. 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.
24. 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.
25. All pages of the tender document should be signed and stamped by the bidder.
26. CUVAS reserves the right to skip the tender items as well as decrease /increase the quantity tender items without consultation and when required as per requirement and available budget.
27. CUVAS can ask the lowest bidder for any clarification/providing of documents for satisfactory evaluation of offer. The bidder will be bound to provide required document/proof/evidence/response within three days when asked.
28. 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.
29. 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.
30. Supply of items 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.
31. The CUVAS has rights to cancel the specific item or whole tender without any prior notice
32. Postal address and email address should be clearly mentioned on covering letter
33. For medicine, local manufacturer should have valid Drug Manufacturing License issued by Drug Regulatory Authority of Pakistan (DRAP) formerly Ministry of Health (MOH).
34. The quoted drug must be registered with DRAP minimum two years earlier / back otherwise product will be ineligible.
35. Drug registration certificate of trademarks of manufacture will have to be provided with technical proposal.
36. Manufacturing license issued by the Competent Authority will be compulsory with technical proposals.
37. Drug Sale License of manufacturer will have to be provided with technical proposal.
38. The Supplier shall arrange such transportation of the drugs and medicines as is required to prevent their damage or deterioration during transit to their final destination and in accordance with the terms and manner prescribed in the Schedule of Requirement.
39. The firm shall enclose catalogues, leaflets, brochures, literature, and verified price list of the stores offered by him with technical proposals.
40. The Scrutiny & Evaluation / Technical Committee are not bound to accept the lowest offer and mention the reason for rejecting the lowest offer
41. Quoted product/chemical can be screened out to ensure quality procurement.
42. Expiry of medicine, de-wormer, vaccine and chemical must be minimum 2 years at the time of delivery.
43. Verifiable authorized distributor letter from manufacturing company must be attached for chemicals.
44. Samples of feed ingredients must be provided with technical bid for analysis (1-2 kg).

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

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

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

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

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

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

**TENDER DOCUMENTS**

**A. Animal feed (LOT-1)**

Sr. No.	Feed items and their specifications	Quantity
1	<p><b>Corn silage</b>                      The silage should be fresh and good in appearance with no molds growth or cake formation.                      The silage should have standard chop size (1-2 cm) and cracked grains.                      The crop should not be over mature when harvested for silage making.                      Moisture 30-35%, Protein level: 7-9%, Color yellowish green, pH value: 3.8-4.3, starch 25-35%                      The bale size of silage should not exceed 200 kg with proper packing (may be 40 kg, 100kg, 200kg etc).                      2 kg sample must be provided with the technical bid for analysis.                      Quote the price per kg</p>	55 tons
2	<p><b>Alfalfa hay</b>                      The hay should be good in appearance with no molds growth, cake formation, weeds, or dust.                      The crop should not be over/under mature when used for hay making. There should be a fair proportion of leaves in hay.                      Moisture 10-13%, Crude protein &gt; 18%, Soft and good green color                      The bale size of hay should not exceed 20 kg with proper packing.                      1 kg sample must be provided with the technical bid for analysis.                      Quote the price per kg</p>	3 tons
3	<p><b>Rhodes grass hay</b>                      The hay should be good in appearance with no molds growth, cake formation, weeds, or dust.                      The crop should not be over/under mature when used for hay making. There should be a fair proportion of leaves in hay.                      Moisture 10-13%, Color lush green, Protein 10-12%, Ash 6-10%,                      The bale size of hay should not exceed 20 kg with proper packing.                      1 kg sample must be provided with the technical bid for analysis.                      Quote the price per kg</p>	18 tons
4	<p><b>Wheat straw (bales)</b>                      The straw in bales should be good in appearance with no molds growth, cake formation, weeds, or dust.                      Moisture 7-10%, Color bright golden yellow, Protein 2-3%                      1 kg sample must be provided with the technical bid for analysis.                      Quote the price per kg</p>	15 tons
5	<p><b>Molasses (sugarcane)</b>                      Sugarcane molasses with brix value 78-84. Molasses should be uniform in color and should be free from foreign matter such as debris, mud, metal dust, sand, stone, dead insects, fecal matter, fungus/microbes and sugarcane litters. Uniform color, quote the price per ton</p>	20 tons
6	<p><b>Sodium bicarbonate</b>                      Animal feed grade sodium bicarbonate, white and uniform in color and free from foreign material                      Quote the price per 25kg bag</p>	300 kg
7	<p><b>Magnesium oxide</b>                      Animal feed grade magnesium oxide, uniform in color and free from any foreign material                      Quote the price per kg</p>	50 kg
8	<p><b>Sodium chloride (common salt)</b>                      Animal feed grade common salt un-grind (sodium chloride) and free from foreign material                      Quote the price per kg</p>	500 kg

9	<b>Limestone</b> Feed grade limestone free from adulteration Quote the price per kg	200 kg
10	<b>Dicalcium Phosphate (DCP Powder)</b> Dicalcium phosphate (DCP powder) feed grade, uniform in color and free from any foreign material Quote the price per kg	300 kg
11	<b>Corn grains</b> Moisture 10-13 %, crude protein 7-9% and free from fungus and adulteration Quote the price per kg	20 tons
12	<b>Canola meal</b> Moisture 10-12 %, crude protein 35-38% and free from adulteration Quote the price per kg	4 tons
13	<b>Soybean Meal</b> Moisture less than 10-12 %, crude protein 44-88% and free from adulteration Quote the price per kg	1 ton
14	<b>Wheat bran</b> Moisture less than 10-13 %, crude protein 14-16% and free from adulteration Quote the price per kg	4 tons
15	<b>Corn gluten 30%</b> Moisture less than 10-13 %, crude protein 24-28% and free from adulteration Quote the price per kg	500 kg
16	<b>Corn gluten 60%</b> Moisture less than 10-12 %, crude protein 53-58% and free from adulteration Quote the price per kg	300 kg
17	<b>Yeast</b> Animal feed grade yeast (saccharomyces cerevisiae fermentation product) Quote the price per kg	40 kg
18	<b>Toxin binder</b> Animal feed grade toxin binder, suitable for all types of mycotoxins adsorbent especially for aflatoxins Quote the price per kg	40 kg

## B. Laboratory equipment (LOT-2)

Lot #	Name of item	Qty	Specifications	Origin/Make
2	Automatic voltage regulator/ Servo motor/ stabilizer	1	Under voltage & over voltage protection (Beyond 130 V and 260 V)  Automatic Voltage Regulator. Double Transformer. With following technical features: Input Voltage: 130V-260V (single phase). Output Voltage: 220V ± 0 to 2% (single phase). Digital Display: input & output, high & low voltage, overload, working etc. Efficiency: better than 90% (input voltage 180v, output voltage 220v and at rated load). Power Factor: better than 90% (input voltage 180%, output voltage 220v and at rated load). Ambient Temperature: -5 C° ~ 40 C°. Temperature Rise: less than 75 c° (input 180v, output voltage 220v and at rated loaded). Cooling System: convection-cooled. Control System: DC servo-motor. Protections: Extremely Low Voltage (Below 130 Vac) & High Voltage (Above 260Vac). Insulation Resistance: more than 3 MQ at DC 500V. Dielectric Strength: tested at AC 1500V for 1 min. Output Modes: 2KVA & 3KVA output sockets, 5KVA and above with one socket & terminals.	Imported

2	UPS (sine wave)	1	Online Sine wave UPS for As per gas chromatograph and allied accessories Requirement, Power 5KVa, Output 50 or 60 Hz 220V, 5KVA, Input 220V, Efficiency 100.% Overload protection, Output connections, Branded batteries, Recharge 3 hours to recover 90% Capacity, Communication PID LCD controller with USB or Rs232, All protection with alarm, Backup time 15 to 20 minutes, Training and installation with all accessories. Should be compatible with gas chromatograph and allied accessories and computer.	Imported / Local
---	-----------------	---	--	------------------

### C. Livestock farm accessories (LOT-3)

Sr. No.	Name of item	Qty	Specifications	Origin/Make
1	Head lock system	For 10 cows	Headlock system for 10 cows. 12 gauge pipe, Hot dip galvanized auto locking system, Clumps Post 2" pipe 12 gauge with complete fitting and installation at cattle farm	Local / imported
2	Sprinklers	90 feet line	90 ft sprinkling system Including. Pump ( Lowara/ Aspa/Grandforce). Sprinklers adjustable 360°(Made by USA, Italian). Sprinkler tray with paint on it. Hanging post 6.5ft 1½" pipe 14gauge. Pipe 80ScH PVC 2", Fitting 80SCH. Including complete fitting and installation at cattle farm.	Local/imported
3	Animal handling chute	70 feet	Animal chute, 3 line chute 1½" pipe 14 gauge Post 2" pipe 12 gauge, including grouting and with complete installation	Local / imported

### D. Chemicals (LOT-4)

Sr. No.	Name of chemical and specifications	Packing	Quantity
1	Sodium lauryl sulphate. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	22
2	Ethylene diamine tetra acetic acid sodium salt (Disodium EDTA). Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	12
3	Sodium tetra borate. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	4
4	Disodium hydrogen phosphate. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	4
5	Sodium sulphite. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	2
6	2-Ethoxy ethanol. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	2.5 liter	2
7	Cetyl trimethyl ammonium bromide. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	500 gm	6
8	Acetone. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	2.5 liter	6
9	Sodium hydroxide. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	25
10	Sulfuric acid (H2SO4). Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	2.5 liter	32
11	Potassium sulphate. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	12
12	Ferrous sulphate. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	3
13	Copper sulphate. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	7
14	Methyl red indicator. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	25 gm	3
15	0.1 N sulfuric acid vial. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	For 1 liter	12
16	0.1 N hydrochloric acid vial. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	For 1 liter	4
17	Boric acid. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	6
18	Urea. Extra pure. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	1
19	Trichloroacetic acid (TCA). Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	2
20	Ethanol. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	2.5 liter	2
21	Petroleum ether. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	2.5 liter	30
22	Nitric acid. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	2.5 liter	3



23	Perchloric acid. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 liter	2
24	Sodium chloride. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	1
25	Potassium chloride. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	1
26	Calcium chloride. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	1
27	Ammonium molybdate. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	1
28	1-amino 2 naphthol sulphonic acid (ANSA). Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	100 gm	1
29	Potassium hydrogen phosphate. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	4
30	Sodium metasilphite (sodium bisulphite). Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	1
31	Saturated ammonium oxalate. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	1
32	Potassium hydroxide KOH. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	1
33	Ammonium chloride (NH <sub>4</sub> Cl). Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	0.5 kg	1
34	Hydrochloric acid (HCl) pure. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	2.5 liter	7
35	Potassium permanganate (KMnO <sub>4</sub> ). Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	0.5 kg	2
36	pH buffers of pH 4, 7, and 10 for pH meter calibration. Minimum 18 months expiry date from delivery date. Sigma Aldrich, Merck Millipore or equivalent	1 liter or less	3
37	Octanol. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	2.5 liter	1
38	Methanol. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	2.5 liter	1
39	n-hexane. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	2.5 liter	6
40	Diethyl ether. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	2.5 liter	1
41	Toluene. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	2.5 liter	1
42	Ammonium sulphate. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	1 kg	1
43	Bromocresol green. Analytical grade. Sigma Aldrich, Merck Millipore or equivalent	25 gm	1
44	Benzoic acid pellets for oxygen bomb calorimeter standardization	100-1000 per pack	2
45	Acetic acid. Analytical grade. For gas chromatography standard. Sigma Aldrich, Merck Millipore or equivalent	0.5 liter	1
46	Butyric acid. Analytical grade. For gas chromatography standard. Sigma Aldrich, Merck Millipore or equivalent	0.5 liter	1
47	Propionic acid. Analytical grade. For gas chromatography standard. Sigma Aldrich, Merck Millipore or equivalent	0.5 liter	1
48	Lactic acid. Analytical grade. For gas chromatography standard. Sigma Aldrich, Merck Millipore or equivalent	0.5 liter	1
49	Valeric acid. Analytical grade. For gas chromatography standard. Sigma Aldrich, Merck Millipore or equivalent	100 ml	1
50	Silica gel beads for desiccators (2-5 mm)	1 kg	3
51	Whatman filter paper (No. 42)	1 packet	3

### E. Plant and machinery (LOT-5)

Sr. No.	Name of item	Specifications	Quantity	Origin
1	Silage chopper	Single row silage chopper, Capacity: 4-8 ton/hr, Cut size 6-36 mm, Blades 6-12, Power source Tractor, Required power 60-90 HP, Transmission system Cardn & Gearbox/belt, Weight < 1000 kg, Complete accessories, with warranty	1	Local / Imported

## F. Medicine (LOT-6)

Sr. No.	Item and required specifications	Packing required	Qty
1	Benzathine Penicillin G 100000 IU, Procaine Penicillin G 150000 IU, Dihydrostreptomycin sulfate 200 mg (as base) or equivalent in composition. Injectable	50 ml	10
2	Ceftiofur hydrochloride, sterile suspension (50 mg/ml ceftiofur) or equivalent in composition. Injectable	100 ml	4
3	Procaine Penicillin 15000000 IU, Benzyl Penicillin 500000 IU Streptomycin sulphate 5 gm or equivalent in composition. Injectable	5 gm	60
4	Trimethoprim (8%), Sulphadiazine (40%) Injection 48% or equivalent in composition. Injectable	100 ml	8
5	Sulphadimidine sodium 33.3% injection or equivalent in composition. Injectable	100 ml	20
6	Tylosin Tartrate 100 mg, Gentamicin as sulphate 50 mg per each ml or equivalent in composition. Injectable	100 ml	6
7	Oxytetracycline dihydrate, Injectable	50 ml	8
8	Oxytetracycline dihydrate, Injectable	100 ml	6
9	Fresh cow supplement powder containing potassium chloride, calcium carbonate, dextrose, dicalcium phosphate, magnesium oxide, lithothamn, sucrose, dried whey, sodium chloride, lactose, propylene glycol, milk powder, fructose, sodium bicarbonate, concentrate of carrot and hibiscus	1 kg	10
10	Flunixin meglumine 50 mg per each ml or equivalent in composition	50 ml	15
11	Amoxicillin Trihydrate eq to Amoxicillin 150mg Gentamicin Sulphate eq to Gentamicin 40mg per each ml or equivalent in composition.	100ml	12
12	Buparvaquone 50mg per each ml or equivalent in composition.	50ml	2
13	Ceftiofur (as HCl) 50mg per each ml or equivalent in composition.	100ml	4
14	Marbofloxacin– 100mg	50ml	4
15	Cyanocobalamin 125 mcg per each ml or equivalent in composition	50 ml	20
16	Vitamin A 80000 IU, D3 40000 IU, E 20 mg per each ml or equivalent in composition	100 ml	8
17	Selenium 0.15 mg, Tocopherol (vit E) 70 mg, Cyanocobalamin (vit B12) 0.1 mg, Adenosine 5 monophosphoric acid (AMP) 5 mg per each ml or equivalent in composition	100ml	6
18	L-Arginine HCl 1.4 mg, L-Cysteine HCl 3.2 mg, L-Glutamine 3.2 mg, Glycine 3.2 mg, L-Histidine 1.32 mg, L-Isoleucine 3.6 mg, L-Lysine HCl 5.44 mg, L-Methionine 3.2 mg, L-Threonine 3.2 mg, L-Tryptophan 0.86 mg, L-Phenylalanine 5 mg, L-Valine 3.6 mg, Thiamine HCl 4 mg, Riboflavin Na-Phosphate 0.17 mg, Pyridoxine HCl 0.34 mg, Ascorbic acid 4 mg, glucose 33 mg, Ca-Chloride 0.08 mg, K-Chloride 0.21 mg, MgSO4 0.08 mg, per each ml or equivalent in composition	100 ml	6
19	124.4 mg of Toldimfos Sodium Trihydrate (Tonophosphate) and 50 ug of vitamin B12, per each ml or equivalent in composition. Injectable	100 ml	4
20	Ketoprofen 100mg per each ml or equivalent in composition	100ml	5
21	Diclofenac sodium 75mg per each 3 ml or equivalent in composition	3ml	250
22	Pheniramine Maleate 25 mg per each ml or equivalent in composition	50 ml	20
23	Mepyramine maleate 50 mg (inj. 5%) per each ml or equivalent in composition	50 ml	20
24	Dexamethasone Sodium Phosphate eq. to 2mg Dexamethasone base per each ml or equivalent in composition. Injectable	50 ml	15
25	Prednisolone (as acetate) 7.5 mg, dexamethasone (as Na-Phosphate) 2.5 mg per each ml or equivalent in composition. Injectable	50 ml	12
26	Phenoxy-2-Methyl-2-Propionic Acid 100 mg per each ml	100ml	8

27	Sulphadimidine 35mg, Sulphadiazine 36 mg, Streptomycin Sulphate 7.6mg, Neomycin Sulphate 1.8mg, Sodium Chloride 11.33mg, Calcium Gluconate 2.2mg, Magnesium Sulphate 0.6mg, Potassium Chloride 3.6mg, Kaolin 103.33mg, Pectin 7.1mg, Glycine 20.9mg per each ml or equivalent in composition	1 liter	5
28	Atropine Sulphate 1mg per each ml or equivalent in composition	50ml	6
29	Neomycin Sulphate 400 mg, Streptomycin 400 mg, Sulphaguanidine 4 gm, Kaolin 4 gm, Pectin 400 mg Bismuth Subnitrate 2 gm, Vitamin A, Acetate 80000 i.u. per each 12 ml or equivalent in composition	12 grams	50
30	Progesterone 25 mg per each ml or equivalent in composition. Injectable	10 ml	6
31	Lecirelin acetate equivalent to lecirelin 25 µg/ml or equivalent in composition. Injectable	10 ml	5
32	Cloprostenol Sodium 263 mcg per each ml or equivalent in composition. Injectable	10 × 2 ml	4
33	Sodium Chloride 9.0gm Water For Injection q.s Electrolytes: mmol/L Na+ 154 Cl- 154 specification Osmolarity: 308 mOsm/1 per each 1000 ml or equivalent in composition	1 liter	25
34	Dextrose Anhydrous (For Parenteral Use) 5.0 gm Water For Injection q.s Osmolarity: 278mOsm/1 per each 100 ml or equivalent in composition	1 liter	10
35	Dextrose Anhydrous 25.0 g Water For Injection q.s per each 100 ml or equivalent in composition	1 liter	2
36	Calcium Gluconate 20.83 gm, Calcium D-Saccharate 1.00 gm, Magnesium Hypophosphite 5.33 gm, Magnesium Chloride 2.00 gm, Boric Acid 4.33 gm, Dextrose 20.00 gm per 100 each ml or equivalent in composition. Injectable	450 ml	25
37	Calcium 155gm, Phosphorus 135gm, Magnesium 55gm, Sodium 45gm, Iron (as Ferrous) 1gm, Zinc 3gm, Manganese 2gm, Copper 0.6gm, Cobalt 0.01gm, Iodine 0.04gm, Selenium 0.003gm per each kg or equivalent in composition	1kg	6
38	Vitamin A 0.8gm Vitamin D3 0.16gm Vitamin E 0.38gm Vitamin B1 1.0gm Vitamin B2 1.25gm Vitamin B12 0.001gm Vitamin B3 (Nicotinamide) 6.25gm Vitamin B6 4gm Copper Sulphate (Cu) 0.25gm Magnesium Sulphate 25gm Calcium Chloride (Ca) 0.023gm Zinc Sulphate (Zn) 2.17gm Manganese Sulphate 10gm Potassium Iodide (I2) 0.5gm Sodium Selenite (Se) 0.01gm D.C.P (Phosphorous) 150gm Sodium Chloride 120.0gm per each kg or equivalent in composition	1kg	6
39	Tincture Benzoin compound (Methylated) antiseptic	30ml	12
40	Oxytetracycline HCl along with Hydrocortisone Acetate, injectable	150ml	15
41	Hydrogen Peroxide 3% per each ml of aqueous solution or equivalent in composition	60 ml	8
42	Paraffin liquid 1000 mg/ml	500 ml	8
43	Magnesium Sulphate	200gm	20
44	Product containing Propionic Calcium Acid, Propionic Sodium Acid Acetanilide, Magnesium Oxide, Iron Sulphate, Zinc Sulphate, Magnesium Sulphate, Copper Sulphate, Cobalt Sulphate, Sodium Molybdate, Sodium Chloride in composition	100gm	20
45	Stomach powder	1 kg	20
46	Oxytocin USP 10IU per each ml or equivalent in composition	50ml	12
47	Lignocaine Hydrochloride 20 mg/mL	100ml	2

48	Povidone-Iodine USP 10.0g Equivalent To 1.0g Available Iodine (1% W/V) per each 100 ml or equivalent in composition	450ml	6
49	Copper Sulphate	250gm	6
50	Cypermethrin 100gm per each 1000 ml or equivalent in composition	1 liter	1
51	Cephalexin monohydrate 20 mg, Neomycin sulphate 34 mg, Cloxacillin benzathine 50 mg, Vitamin A 1 000 IU, excipients q.s. ad 1 mL.	24 syringes × 10 ml	2
52	Diuretic, furosemide injection	50 ml	3
53	Sub-cut needle 18 gauge	12×1	3
54	Sub-cut needle 16 gauge	12×1	3
55	IM needle 18 gauge	12×1	3
56	IM needle 16 gauge	12×1	3
57	IV needle 18 gauge	12×1	3
58	IV needle 16 gauge	12×1	3
59	Suture needle for veterinary use	12×1	1
60	Surgical absorbent cotton roll (500 gm)	1	6
61	Medical/Surgical elastic bandage roll	1	6
62	Surgical spirit	1 liter	2
63	Tincture iodine	30 ml	10
64	Potassium permanganate (KMNO <sub>4</sub> )	100 g	5
65	Teat dip solutions for pre-milking and post milking	1 liter	5
66	Scalpel blades (set of 10 pcs including blade No. 10, 11, 12, 15, 18, 20, 21, 22, 23, 24) with scalpel handle	1	4
67	Surgical forceps Voarse (set of 5) stainless steel high quality. Non-slip, medical grade, corrosion resistant	1	3
68	Disposable Syringe 10ml 21Gx1	1 piece	50
69	Disposable Syringe 50ml 21Gx1	1piece	50
70	Disposable Syringe 20ml 21Gx1	1 piece	100
71	IV set	1 piece	20
72	Catgut	1 foil (75 cm)	1
73	Poloxyethylene oleic acid Triglycerides 100%	10 ml	30

### G. De-wormers (LOT-6)

Sr. No.	Item and required specifications	Packing required	Quantity
1	Product containing Oxyclozanide Oxfendazole, Cobalt sulphate, Na-Selenite in composition.	1 liter	14
2	Product containing Oxyclozanide, Levamisole, Cobalt Sulphate in composition	1 liter	14
3	Product containing Albendazole, Ivermectin, Triclabendazole in composition	1 liter	7
4	Doramectin 10 mg per each ml or equivalent in composition	50 ml	10

## H. Vaccine (LOT-6)

Sr. No.	Item and required specifications	Packing required	Quantity
1	Goat pox vaccine. Cell culture vaccine. Live attenuated. Contains goat pox virus strain Gorgan 59 potency is more than 10 <sup>2.5</sup> , TCID <sub>50</sub> per dose. Single dose of vaccine should provide immunity for one or more year.	100 doses/pack	4
2	Caprine pleuropneumonia vaccine (CPPV) live lyophilized vaccine of mycoplasma mucoides var capri PG3 strain. 1 vial contain 100 doses. Single dose provide immunity for one or more year. Should be safe in pregnant animals. Should reconstitute in 10 ml PBS, diluents/distilled water	100 doses/pack	6
3	Hemorrhagic septicaemia vaccine Killed alum precipitated bacterian of selected local strain of Pasteurella multocida type B:2. The vaccine is used twice a year. Shelf life 6 months if stored at 2-8 degree.	50 ml (25 doses)	6
4	Foot and mouth disease vaccine. Sorbed polyvalent (Trivalent) of A, O, Asia-1 types (from virus grown in BHK 21 cells) liquid inactivated.	50 ml	8
5	Black quarter disease vaccine. Each Dose Of 2ml Vaccine Contains: Clostridium Chauvoei Bacterin and Toxoid, Sufficient Quantity to Protect The Animal. Aluminium Potassium Sulphate as Adjuvant.	50ml	2
6	Combination clostridial vaccine for cattle and sheep: Antibiotic for Pasteurella and Clostridium of all Kind Pneumonic Pasteurellosis, Chlostridia Bacterin-Toxoid Pasteurelloses Pulomonaires, Clostridies Bacterines -Anatoxines	100ml	4
7	Lumpy Skin disease. Of One Dose (2ml/Dose) Live Attenuated Freeze Dried Lumpy Skin Disease Virus (Neethling Strain) 103.5TCID <sub>50</sub>	50ml	4
8	Brucella abortus RB51	50 ml	2
9	BEF (3Three Days Sickness) Live Three Day Disease Autovaksini Cattle isolated from livestock enterprise. Contains Temporary Fire virus and stabilizer. It is produced in lyophilized form. It is used with dilution fluid.	10 doses vial	8
10	Peste des petits ruminants (PPR). Cell culture vaccine. Live attenuated. Contain Peste des petits ruminants virus strain Nig75/1. Potency more than 10 <sup>2.5</sup> TCID <sub>50</sub> per dose. Single dose of vaccine should provide immunity for three or more year.	100 dose vial	4
11	Each Dose Of 2ml Vaccine Contains: Clostridium Perfringens Type B & D- Bacterin And Toxoid, Sufficient Quantity To Protect The Animal.	50ml	4

### 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 FEED, LAB EQUIPMENT, LIVESTOCK FARM ACCESSORIES, PLANT  
&MACHINERY, CHEMICALS, MEDICINE AND VACCINES  
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. 3 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