

Government of Punjab
E-Tender Notice Reference No. **314**

dated **05-03-2024**

The Punjab Livestock Development Board O/o Director Animal Husbandry, Punjab, Livestock Complex, Sector - 68, S.A.S. Nagar - 160062 (Punjab) invites online bids/tender (on e-procurement portal Punjab) for the following:-

Item No.	Name of Item	Quantity
1.	Smart weighing Scale	110 Nos.
2.	Tag Applicators	620 Nos.
3.	Laptop	10 Nos.
4.	L.N. Transport Container 35 Ltrs.	30 Nos.
5.	L.N. Transport Container 47 Ltrs.	06 Nos.
6.	L.N. Transport Container 20 Ltrs.	13 Nos.
7.	Refrigerator	01 No.
8.	AI Gun with Accessories	80 Nos.
9.	Sample Bottle	5000 Nos.
10.	Milk Testing Equipment	01 No.

Closing date & time : 27-03-2024 & 5:00 pm.

For details log onto : <http://eproc.punjab.gov.in> and www.hunbandrypunjab.org

Note: Any corrigendum(s) to the E-Tender Notice shall be published on the above websites only.

(Dr. Gursharanjit Singh Bedi)
Addl. Chief Executive Officer


05/03/2024
AD
5/3/2024

Fax No. 0172-2217084

Telephone No. 0172-2217083

Email ID: dahpunjab@gmail.com

Rs. 1,000/-
(Tender Form Fee)

Tendering Procedure.

It will be a two stage tendering. The technical tenders and financial/commercial tenders will have to be submitted AS PER E -TENDERING PROCEDURE.

The Technical Bids should contained detail information on the following: -

- Nature of Ownership.
 - Composition of the Firm.
 - Bankers Name & Address.
 - G.S.T No. **(For Both OEM and Bidder)**
 - PAN/TAN No. **(For Both OEM and Bidder)**
 - GST Tax clearance Certificate-Annual return under GSTR-9 form for last 3 years i.e. Financial year 2020-21, 2021-22 and 2022-23 **(For Both OEM and Bidder)**
 - Income Tax Returns for Last 3 year i.e. Assessment Year 2021-22, 2022-23 and 2023-24 **(For Both OEM and Bidder)**
 - Average Annual Turnover for the last 3 years i.e. Assessment Year 2021-22, 2022-23 and 2023-24 as mentioned in T & C and must be duly verified by CA alongwith UDIN generated certificate. **(For Both OEM and Bidder)**
 - Whether Manufacturer/Sole Selling Agent/Distributor/Authorized Dealer as applicable.
 - Experience in line.
 - Capability/Capacity to service the requirement.
 - Details of relevant infrastructure.
 - Arrangements of after sale service.
 - List of Clients.
 - Quality Assurance/Monitoring system followed.
 - Document should be properly numbered and indexed.
 - Sample must be submitted for mentioned items.
- Certificates where needed should be attached duly attested.

Financial/Commercial Bids.

Financial Bid should contain the price quoted per unit. The following information should be clearly given in the Financial Bid:-

- Price per Unit.
 - Place of Delivery.
 - Status of Taxation/Duties, GST etc.
 - Lead time/Delivery Period.
 - Packing & forwarding.
 - Mode of Transportation.
 - Payment condition.
 - Warranty/Guarantee.
 - Validity of Offer.
 - Acceptance of Terms of N.I.T.
 - Details of Earnest money attached.
- Financial Bids will be opened only of those tenderers, who qualify and are found suitable during the processing of Technical Bids.

TERMS AND CONDITIONS

1. E-Tenders are invited for the supply of following enlisted items for department through the e-tendering process of Govt. of Punjab.

Sr no	Name of Item	Quantity
1	Smart Weighing Scale	110 no.
2	Tag applicators	620 no.
3	Laptop	10 no.
4	Container 35 ltr	30 no
5	Container 47 ltr	6 no.
6	Container 20 ltr	13 no.
7	Refrigerator	1 no.
8	AI gun with accessories	80 no.
9	Sample bottle	5000 no.
10	Milk testing Equipment	1 no.

2. For additional details such as items specifications, important dates etc visit the website: <http://eproc.punjab.gov.in> Tender form, specifications, terms and condition can be obtained from this website on payment of Rs. 1000/- (online payment) as per e-tendering procedure.
3. Tender shall be accepted only from manufacturers/authorized dealers for above items.
4. The bidder must submit the authorization certificate from concerned firm for participate in this tender in case of the bidder is not manufacture for that particular item.
5. The tender will be in double bid system i.e. Technical/Pre-qualification Bids and Financial/Commercial Bids .The Technical Bid should contain comprehensive technical details of the item (Brochure/Catalogue), profile of the manufacturer/supplier, main current clients, experience, and tentative delivery period. Financial/Commercial Bids should contain the price (inclusive GST), terms and conditions. Technical Bids would be opened first and Commercial Bids will be opened subsequently of only those tenders who qualify in the Technical Bids. Incomplete/conditional Tenders not received as per e-tendering procedure will be out rightly rejected.
6. The bidder must enclose attested copies/proof of consisting, Pan Card, TIN No., Service Tax No., GST, EPE, Registration/Authorization of the firm etc.
7. The bidder / firm should not be black listed/debarred by any department/ organization. A self attested certificate on letter head must be attached regarding this.
8. The e-tenders should be submitted online till **27.03.2024 upto 05:00 PM and the same will be opened on 28.03.2024 at 11:30 AM**
9. The e-tender must be accompanied with earnest money amounting **Rs. 20,000/- (Rs. Twenty Thousand Only)** (online payment) as per e- tendering procedure.
10. Bidders/tenderers are also required to submit only soft copy on E-Tendering Website.
11. The undersigned reserves the right to accept or reject one or all offers/tenders and holds the discretion to increase/decrease the quantity of any or all the items.
12. Successful Bidders/tenderers will have to submit a Security deposit of 10 % of the ordered value within the stipulated period of time after issuance of orders in the form of DD/FDR/Bank guarantee payable at SAS Nagar (Punjab) in the name of Chief Executive Officer, Punjab Livestock Development Board, within 10 days of receipt of supply order.
13. For participating in the above e-tender, the contractors shall have to get themselves registered with <http://eproc.punjab.gov.in>. and get user ID & password. Bidders who have not registered with e- procurement portal need to get registered by paying the requisite registration fee for e-tender participation and obtain Class 3 Digital Signature Certificate (DSC) which are mandatory to participate in the e-tendering process. For any clarification/difficulty regarding e- tendering Process please contact on helpdesk No. 0172-2970263& 0172-2970284.
14. E-Tender details can also be obtained from the Departmental website www.husbandrypunjab.org.
15. Rates should be quoted in Indian Rupees only, FOR anywhere in Punjab.
16. All applicable taxes should be included in the quote.
17. **Brochure/leaflets/catalogues/sample for items should be submitted along with tender, if applicable.**
18. Information of actual users of the item in India supported with evidences and performances should be furnished along with tender.
19. In case of failure of supply of assigned item/items, security money deposited by the Bidder/firm/authorized dealer would be confiscated.
20. GST Tax clearance Certificate-Annual return under GSTR-9 form for last 3 years i.e. Financial year 2020-21,2021-22 and 2022-23
21. Income Tax Returns for Last 3 year i.e. Assessment Year 2021-22, 2022-23 and 2023-24

22. Average Annual Turnover* for the last 3 years i.e. Assessment Year 2021-22, 2022-23 and 2023-24 as mentioned in following table OR above and must be duly verified by CA along with UDIN generated certificate.

Item No.	Name of Item	Average Annual Turnover*(in Crore Rs)
1	Smart Weighing Scale	5.00 Crore for 1-7 items
2	Laptop	
3	Container 35 ltr	
4	Container 47 ltr	
5	Container 20 ltr	
6	Refrigerator	
7	Milk testing Equipment	
8	Tag applicators	0.50 Crore for 8-10 items
9	AI gun with accessories	
10	Sample bottle	

23. Samples of item number 1,8,9 & 10 (4 Items) must also be submitted at office of Punjab Livestock Complex, Sector-68, S.A.S. Nagar before closing of bid and sample receipt to be attached along with Technical bid.

Specification of Smart Weighing Scale (SWS)**Smart (Electronic) Weighing Scale****(Technical Specifications)**

The primary objective of the SWS is to facilitate milk recorder, weighing of the total quantity of milk produced by an animal at farmers' place along with GPS coordinates and forward the relevant data to INAPH system running on the device connected to SWS via Bluetooth.

Features:

1. Weighing capacity upto 25 kgs with facility to take multiple measurements, if required. (refer Annexure-I)
2. LCD/LED display of weight in Kgs, upto three digits after decimal (in grams).
3. GPS enabled.
4. Facility to communicate four attributes (Date-Time stamp, Weight, GPS Coordinates (latitude, longitude), DeviceID) in pre-determined JSON format via Bluetooth to a connected device having OS Android, MS Windows.
5. Separate button on the scale for ON/OFF, Send, Tare, Add Weight Buttons (M+, MR, MC), Calibration.

Technical Specifications

1. Scale Dimension(l x w x h) : 20-25 cm x 20-25 cm x 7 cm (max)
2. Pan (Platform) size : 20-25 cm x 20-25 cm
3. Weight of Scale : Maximum 2.5 Kg (including battery)
4. Material :
 - a. Scale: MS body.
 - b. Pan (Platform): Stainless Steel.
5. Weighing Capacity: Maximum 25 Kg.
6. LCD/LED Display Unit:
 - a. Display of Date, Time and DeviceID while booting the machine.
 - b. Weight in Kg format, upto three digits after decimal (in grams).
7. Accuracy /Precision: Class – III accuracy compliance. Least count 10 gram (max).
8. Indicators:
 - a. Device On/Off LED.
 - b. „Low Battery“ LED.
 - c. „Charging in progress“LED : When connected to AC power source.
 - d. „Charge level“ indicator.
 - e. „GPS Connection“ indicator.
9. Type: Cantilever load cell.
10. Touch Buttons:
 - a. **ON/OFF** : Button on the scale to switch on /off the device.
 - b. **TARE** : Button on the scale for tare arrangement.
 - c. **M+** : Button on the scale to allow accumulation of weight in memory.
 - d. **MR** : Button on the scale to recall the accumulated weight available in memory.
 - e. **MC** : Button on the scale to clear the accumulated weight, if any available in memory.
 - f. **SEND** : Separate button on the scale to forward the data to connected device. In case, GPS signals are not available (indoors), the SEND button will not forward the data string, display message “GPS ERROR !!!”
 - g. **CALIBRATION** : A mechanism/switch combination available in the machine to calibrate unit, if required.
11. Waterproof protection: IP65. Waterproof carry bag with the size of a scale.
12. Battery:
 - a. Lithium-ion re-chargeable battery with **circuit/battery protection** design inbuilt.
 - b. Battery having minimum 2200 mAH capacity, to provide 14-15 hour backup, should last up to one week with proper operation (Daily 1.5 to 2 hours of continuous use) of the device.
 - c. Battery Charger: Universal Battery Charger, to fully charge the machine in 4-5 hours.
 - d. Low battery indicator LED should start when atleast 2-2.5 hr back-up is available.
13. Connectivity:
 - a. SPP (Serial Port Protocol) based Bluetooth module having Classic Bluetooth chipset which can be paired with from any older device mobile phone model to latest android mobiles, windows based Netbooks/laptops /desktops etc.

- b. Pairing password for Bluetooth communication security.
- 14. GPS: GPS module with external Antenna on top of the body, having accuracy about 5-10 meters.
- 15. Output Data Format: Standard JSON based format (refer Annexure-II) along with facility for pairing password for security. Pairing password shall be unique per device.
- 16. Attributes to be broadcasted in JSON format:
 - a. Date and Time in IST(Indian standard time) format.
 - b. Weight in Kgs upto 3 places after decimal.
 - c. GPS Coordinates (latitude, longitude) in DD (Decimal Degree) format with 6 digits after decimal.
 - d. Device ID. It should be Bluetooth MAC ID of the device.
- 17. Device Setup:
 - a. The device should be ready for use within 2 minutes (max) after switch-it ON.
 - b. In case GPS signals are not available (indoors), the device should not allow for measurement without GPS coordinates.
 - c. The device should have arrangement for leveling the machine on the plane surface.
 - d. Non-erasable label **“Not for Commercial Use”** required on the machine, to avoid misuse, if any in the field.

Service and Support

- 1. Warranty: One year comprehensive warranty for equipment and all parts (software/hardware) from the date of delivery.
- 2. Spares:
 - a. Battery: Availability of spare battery, if required for at least three years of smooth operation of device.
 - b. Battery Charger: Availability of spare battery charger.

Item no.02- Ear Tag applicator

(620 nos.)

Technical specification for Ear Tag applicator

1. The applicator should be branded with the manufacture's name /logo engraved on the metal portion on the upper applicator's jaw.
2. One spare pin should be supplied along with each applicator and located in the applicators handle.
3. The applicator weight should not exceed 300 grams +-10%.
4. The applicator should be made of high quality die cast aluminum.
5. The applicator should have an In-built metal locker located in the articulation Jaw *only*.
6. The ear Tag applicator should be compatible for the application of visual ear Tags
7. Each ear Tag applicator should be packaged individually into a good quality plastic bag along with colored notice/instructions to use of ear Tag application in English.
8. In house Certification of Analysis (COA) of each batch should be accompanied with supply.

Item no.03- Laptops**(10 nos.)****Specification for Laptop**

Items	Specifications
Processor	8th_9th Generation Intel Core i-5
Chipset	Intel Mobile Chipset supporting the above processor and other features
Memory	4 GB to 8 GB DDR4 RAM expandable to 16 GB (2 DIMM slots)
Internal storage	1 TB SATA
Removable media	DVD+/-RW Drive
Graphics	Integrated Intel HD graphics 620
Display	14" diagonal LED backlit, antiglare with 1366x786 resolution
Network	Integrated 10/100/1000 mbps Gigabit Ethernet With TCP/IP IPv and 1Pv6 Support
Audio	High Definition Audio integrated speaker, stereo headphone/ Line out, stereo Microphone in
Input devices	Full-Sized integrated Keyboard with Touch Pad Mouse, Integrated 720P HD Webcam.
Ports and Connectors	3 USB 2.0/3.0 Ports (Min. one USB 3.0), RJ45, Microphone Port, Headphone ports HDMI or external VGA port.
Power	230 V AC Adapter, Battery with min. 6 Hrs. backup time
OS	Licensed Windows 10 Professional/ Windows 8.1 Professional 64 bit Preloaded With OS Recovery Media, Driver CD.
Antivirus	Norton/ Symantec, eTrust, MacAfee, Trend Micro, Quick Heal Latest version with Three years license.
Guarantee and Support	3 Years comprehensive onsite warrantee with the following SLA: - -Call Should be attended on next business day. - Problem resolution within 24 hours of attending the call - Within 72 hours (max.) in case any part is to be replaced. -Vendor will maintain inventory of frequently failing parts like motherboard, Display screen, etc.
Others	Carry Bag
Certifications	EPEAT Silver or Gold, ENERGY STAR Certified.

Note- Laptop with better specifications can be accepted. Display should be 14" and weight 2.0 kg max.

Specifcaton for FS Container 35 Litre

LIQUID NITROGEN CONTAINER FOR BULK STORAGE AND TRANSPORT OF FROZEN SEMEN-CAPACITY: 35 LITRES

Sr. No	Item Description																		
1.	FUNCTIONAL REQUIREMENTS																		
1.1	The Container filled with liquid nitrogen would be used to preserve frozen semen doses in canisters / goblets At NTP field use.																		
2	DESIGN REQUIREMENTS																		
2.1	The Design parameters for a Liquid Nitrogen Container shall be as under:																		
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%;">Net Capacity</td> <td style="width: 50%;">30-35liters +/- 5%</td> </tr> <tr> <td>Neck Dia</td> <td>51mm +/- 5%</td> </tr> <tr> <td>Static evaporation loss rate</td> <td>0.118 Ltr/day +/- 5%</td> </tr> <tr> <td>Static Holding time</td> <td>282 day +/- 5%</td> </tr> <tr> <td>No. of Canisters</td> <td>6(Six) double level</td> </tr> <tr> <td>Straw capacity Single Level 0.5 ml</td> <td>720 +/- 5%</td> </tr> <tr> <td style="text-align: center;">0.25ml</td> <td>1560 +/- 5%</td> </tr> <tr> <td>Straw capacity Double Level 0.5 ml</td> <td>1440 +/- 5%</td> </tr> <tr> <td style="text-align: center;">0.25ml</td> <td>3120 +/- 5%</td> </tr> </tbody> </table>	Net Capacity	30-35liters +/- 5%	Neck Dia	51mm +/- 5%	Static evaporation loss rate	0.118 Ltr/day +/- 5%	Static Holding time	282 day +/- 5%	No. of Canisters	6(Six) double level	Straw capacity Single Level 0.5 ml	720 +/- 5%	0.25ml	1560 +/- 5%	Straw capacity Double Level 0.5 ml	1440 +/- 5%	0.25ml	3120 +/- 5%
Net Capacity	30-35liters +/- 5%																		
Neck Dia	51mm +/- 5%																		
Static evaporation loss rate	0.118 Ltr/day +/- 5%																		
Static Holding time	282 day +/- 5%																		
No. of Canisters	6(Six) double level																		
Straw capacity Single Level 0.5 ml	720 +/- 5%																		
0.25ml	1560 +/- 5%																		
Straw capacity Double Level 0.5 ml	1440 +/- 5%																		
0.25ml	3120 +/- 5%																		
2.2	It Should be hight vacuum multi-layer super insulated.																		
2.3	The cap of the container must be suitable for convenient use																		
2.4	The container should be provided with a set of 8 canisters made of stainless steel																		
2.5	The canisters should be sturdy to withstand regular use.																		
2.6	The canister should fit into slots of the indedxing ring of the container neck.																		
2.7	The Container should be warranted for One years for the date of dispatch against defects in design workmanship or substandard material.																		

Specifications for FS Storage Container 47 Litre

Sr. No	Item Description																		
1.	FUNCTIONAL REQUIREMENTS																		
1.1	The Container filled with liquid nitrogen would be used to preserve frozen semen doses in canisters / goblets At NTP field use.																		
2	DESIGN REQUIREMENTS																		
2.1	The Design parameters for a Liquid Nitrogen Container shall be under:																		
	<table border="1"> <tbody> <tr> <td>Net Capacity</td> <td>46-48 liters +/- 5%</td> </tr> <tr> <td>Neck Diameter</td> <td>120mm +/- 2mm</td> </tr> <tr> <td>Straw holding capacity</td> <td>Double level 0.25ml – 18000</td> </tr> <tr> <td>No. of canister / goblets</td> <td>11</td> </tr> <tr> <td>Max. allowable static Evaporative loss</td> <td>0.38 Litres / day +/- 5%</td> </tr> <tr> <td>Minimum required</td> <td>124 days +/- 5%</td> </tr> <tr> <td>Field working duration</td> <td>78 days +/- 5%</td> </tr> <tr> <td>Insulation</td> <td>Multi-Layer Super Insulation</td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Net Capacity	46-48 liters +/- 5%	Neck Diameter	120mm +/- 2mm	Straw holding capacity	Double level 0.25ml – 18000	No. of canister / goblets	11	Max. allowable static Evaporative loss	0.38 Litres / day +/- 5%	Minimum required	124 days +/- 5%	Field working duration	78 days +/- 5%	Insulation	Multi-Layer Super Insulation		
Net Capacity	46-48 liters +/- 5%																		
Neck Diameter	120mm +/- 2mm																		
Straw holding capacity	Double level 0.25ml – 18000																		
No. of canister / goblets	11																		
Max. allowable static Evaporative loss	0.38 Litres / day +/- 5%																		
Minimum required	124 days +/- 5%																		
Field working duration	78 days +/- 5%																		
Insulation	Multi-Layer Super Insulation																		
2.2	It Should be height vacuum multi-layer super insulated.																		
2.3	The cap of the container must be suitable for convenient use.																		
2.4	The container should be provided with a set of 11 canisters made of stainless steel.																		
2.5	The canisters should be sturdy to withstand regular use.																		
2.6	The canister should fit into slots of the indexing ring of the container neck																		
2.7	The Container should be warranted for One year for the date of dispatch against defects in design workmanship or substandard material.																		

Specifications for FS Container 20 Litre

LIQUID NITROGEN CONTAINER FOR BULK STORAGE AND TRANSPORT OF FROZEN SEMEN-CAPACITY: 20 LITRES

Sr. No	Item Description														
1.	FUNCTIONAL REQUIREMENTS														
1.1	The Container filled with liquid nitrogen would be used to preserve frozen semen doses in canisters / goblets At NTP field use.														
2	DESIGN REQUIREMENTS														
2.1	The Design parameters for a Liquid Nitrogen Container shall be as under:														
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%;">Net Capacity</td> <td style="width: 50%;">18-22liters +/-5%</td> </tr> <tr> <td>Straw holding capacity</td> <td>Not less than 3000 straws of 0.25mm</td> </tr> <tr> <td>No. of canister / goblets</td> <td>6-12</td> </tr> <tr> <td>Max. allowable static</td> <td>0.38 Litres / day +/-5%</td> </tr> <tr> <td>Minimum required</td> <td>124 days +/-5%</td> </tr> <tr> <td>Field working duration</td> <td>78 days +/-5%</td> </tr> <tr> <td>Insulation</td> <td>Multi-Layer Super Insulation (MLSI)</td> </tr> </tbody> </table>	Net Capacity	18-22liters +/-5%	Straw holding capacity	Not less than 3000 straws of 0.25mm	No. of canister / goblets	6-12	Max. allowable static	0.38 Litres / day +/-5%	Minimum required	124 days +/-5%	Field working duration	78 days +/-5%	Insulation	Multi-Layer Super Insulation (MLSI)
Net Capacity	18-22liters +/-5%														
Straw holding capacity	Not less than 3000 straws of 0.25mm														
No. of canister / goblets	6-12														
Max. allowable static	0.38 Litres / day +/-5%														
Minimum required	124 days +/-5%														
Field working duration	78 days +/-5%														
Insulation	Multi-Layer Super Insulation (MLSI)														
2.2	It Should be high vacuum multi-layer super insulated.														
2.3	The cap of the container must be suitable for convenient use														
2.4	The container should be provided with a set of 6-12 canisters made of stainless														
2.5	The canisters should be sturdy to withstand regular use.														
2.6	The canister should fit into slots of the indexing ring of the container neck .														
2.7	The Container should be warranted for One years for the date of dispatch against defective design workmanship or substandard material.														

Specifications for Refrigerator

<u>1</u>	Gross Capacity (L)	300-350
<u>2</u>	Star Rating	4 Star
<u>3</u>	Compressor	Adequate and compatible Compressor
<u>4</u>	Preferably Double Door With One Freezing Compartment	
<u>5</u>	Should be complete with all accessories	
<u>6</u>	Warranty of the Complete product for one year and warranty for compressor for ten years.	

Specifications for AI Gun and Accessories

Useable with mini sheath and 0.25 cc straws

Should be Made of durable stainless steel with welded components

The Artificial Insemination Guns should be made of stainless steel procured from trusted vendors of the industry.

Should be having a perfect sheath matching with lock. Should be comfortable to work with.

Sample Bottle

Capacity	50 - 100 milliliters
Colour	clear
Item Weight	100-200 grams
Material Type	polypropylene

The cap of bottle should be screw type and should fit tightly preventing any spillage

Specification for Milk Testing Equipment

Technical specification of MILK Testing Equipment Operational and technical specifications

1. The equipment should work based on a principle recognized in relevant international standard(s) or its performance should have been validated by a credible international agency against a recognized protocol for evaluation and validation of alternative quantitative methods developed by an international standards agency.
2. The measuring principle used in the machine should measure Fat, Protein, SNF/ Total Solids in the milk directly (not calculated). Results should be expressed as mass fractions in percent for all these parameters.
3. The output of the machine should enable the user to read Fat, Protein and Solid Not Fat (SNF)/ Total Solids content in cow and buffalo raw milk samples or milk samples added with milk preservatives (such as Potassium dichromate or Bronopol) and stored at ambient temperature (5-450 C). In case of preserved milk samples, the equipment shall measure for the above parameters at least up to 72 hours of sample collection.
4. The equipment should be able to test different types of milk samples (cow milk, buffalo milk) without need for new calibration every time the type of milk being tested is changed. To this end, the equipment may either have a seamless ability to test different types of milk or may have different modes that can be calibrated for different types of milks.
5. Equipped with automatic rinsing, automatic cleaning and programmable automatic zero calibration facilities.
6. Should have facility for data transfer to PC through Serial Port. **Necessary** Software and data cables should be supplied.
7. Measurement Range:

Parameters	Range
Fat	0-35%
Protein	0-7%
SNF	0.15%
Total Solids	0.50%
8. Environmental factors:

The unit shall be capable of operating under hot, humid and dusty Conditions.
9. Power Supply:

Power input to be 220-240VAC, 50 Hz.
10. Documentations:

List of important spares and accessories with their part number and costing to be supplied.3
11. Others:
 1. Cleaning Solution and consumables for 1 year of testing to be supplied (with an average of 100 samples to be tested per day).
 2. Initial training on operation & calibration of the equipment shall be provided to the technicians.
 3. Authorized service personnel to be readily available for repairs and maintenance of the machine.
 4. Required offline interactive UPS (two hours of power back up) for ensuring uninterrupted power supply during operation shall be provided.
 5. If a computer is essential for routine operation of the equipment, the necessary Computer hardware and software shall also be supplied along with the equipment.
 6. Free service and maintenance for 5 years from the date of successful installation shall be provided.

Conditions of Contract

This agreement is entered into on the day of between Additional Chief Executive Officer, Punjab Livestock Development Board, Livestock Complex Sector 68 SAS Nagar (Mohali) Punjab (hereinafter referred to as **PLDB** his authorized nominee on **One Part** and M/s(hereinafter referred to as a **Contractor/ Service Provider**) on the **Second Part**;

Whereas PLDB is desirous of entering into an agreement for availing the services such as buying of Item/Items.

Whereas the **Contractor/ Service Provider** selected through e-tendering has offered to undertake the said responsibilities for providing the services such as supply of Item/Items to PLDB as per destinations mentioned in PO.

Now this agreement witnesses the following Terms and Conditions:-

- 1) This contract shall be for initial supply of quantity as mentioned in NIT from the date of its signing which can be increased/decreased as per requirement.
- 2) The Item/Items to be supplied under this contract will be of the quality equal and answerable in every respect to the specifications given in the e-tender and approved by the Additional Chief Executive Officer, Punjab Livestock Development Board, Livestock Complex, Sector 68, Near Army Institute of Law, S.A.S. Nagar. The Bidder shall be responsible for all complaints as regard to the quality and quantity. In case of dispute regarding quality/quantity of Item/Items, the decision of the Additional Chief Executive Officer, Punjab Livestock Development Board, Livestock Complex, Sector 68, Near Army Institute of Law, S.A.S. Nagar will be final and binding on the bidder. It will be open to the Additional CEO, PLDB to send samples taken from the supply of Item/Items provided by the bidder to any laboratory for chemical analysis and the cost thereof will be borne by the bidder.
- 3) The Additional Chief Executive Officer, Punjab Livestock Development Board may by notice in writing call upon the bidder to supply additional volumes of Item/Items to supply additional requirements generated. Such additional supplies will be governed by all the conditions laid down under specifications and terms/ conditions of this tender.
- 4) The panel of officers appointed by the Additional Chief Executive Officer, Punjab Livestock Development Board, shall have the power to inspect the stores before, during or after supply of the material and to reject the same or any part or portion after the written approval of Additional Chief Executive Officer, Punjab Livestock Development Board, SAS Nagar, if he or they be not satisfied that the same is not as per the specifications/ conditions of the tender. The Item/Items shall not charge or be paid for supplies rejected as above and such supplies shall be removed by Item/Items at once and at his expense. He shall neither claim nor be entitled to payment for any damage that rejected supplies may suffer from any harm whatsoever incidental to a full and proper examination/ inspection and any test of such supplies. PLDB shall be under no liability whatever for rejected supplies and the same will be at the bidder's risk. Rejected supplies shall be removed by the bidder within 3 days after notice has been issued to him of such rejection and failing such removed/ rejected goods will be at bidder's risk and PLDB may charge the bidder rent for the space occupied by such rejected goods.
- 5) The payment of any bill in case not made within three months from the date of its submission to its checking and satisfaction of the inspection committee the party to whom the bill was forwarded should be addressed first. Failing satisfaction, the matter should be reported to the Additional Chief Executive Officer, Punjab Livestock Development Board,. All such complaints should give :-
 - i) The number and date of the requisition.
 - ii) The designation of the requisition officer.
 - iii) The designation and address of the officer to whom the bill was sent by mentioned in (iv) above.
 - iv) Full reference to reminders if issued.
- 6) The rates quoted by bidder are on FOR basis and No separate freight charges will be payable.

- 7) This is subject to the condition that the Item/Items will be supplied safely by the bidder in any vehicles as permitted by law to carry/ transport of specified Item/Items with valid documents in this regard. The Additional chief Executive Officer, Punjab Livestock Development Board, will be the authority to determine whether or not the loss or damage was caused through the bidder's negligence and the decision of the Additional Chief Executive Officer, Punjab Livestock Development Board, or some other officer/acting in his behalf shall be a final and conclusive against the contract.
- 8) In the event of withdrawal or discontinuation of Item/Items and consequent ceasing of or reduction in demand, the bidder shall not be entitled to any compensation. PLDB, however make all reasonable endeavors to give warning of any impending complete withdrawal or of any reduction seriously affecting quantities likely to be required under contract.
- 9) The bidder acknowledge that he/she has made himself/herself fully acquainted with all the conditions and circumstances under which the bidder required under the contract will have to be made or furnish and with all the terms, clauses, conditions, specifications and other details of the contract and the contractor shall not plead ignorance of any of those as excuse in case of complaint against or on rejection of supplies tendered by him or with a view either to asking for enhancement of any rates agreed to in the contract or to evading any of his obligations under the contract.
- 10) No payment will be made in advance for any supplies under this contract.
- 11) The bidder shall not assign or sublet the contract.
- 12) If any question, difference or objection whatsoever shall arise in any way connected with or arising out of this contract or the meaning or operation of any part thereof or the rights, duties or liabilities of either party then save in so far as the decision of any such matter is herein before provided for and has been so decided every such matter including whether its decision has been otherwise provided for and/or whether it has finally decided accordingly or whether the contract should be terminated or has been rightly termination in whole or part and as regards the rights and obligations of the parties as the result of such termination shall be referred for Arbitration to any officer appointed by the Punjab Government acting as such at the time of reference and his decision shall be final and binding and where the matter involves, a claim the amount if any awarded in such Arbitration shall be recoverable in respect of the matter so referred.
- 13) If the price of contracted Item/Items mentioned in this tender, is controlled by the Government, the payment will in no case be made at higher rate than the contracted rate.
- 14) Successful tenderers will have to submit a Security deposit of 10 % of the ordered value within the stipulated period of time after issuance of orders in the form of Online Transfer/DD/FDR/Bank guarantee payable at SAS Nagar (Punjab) in the favour of Chief Executive Officer, Punjab Livestock Development Board, within 10 days of receipt of supply order.

In witness thereof the parties have signed this Contract at SAS Nagar on the date first above written:

(.....)

Punjab Livestock Development Board

(.....)

for Service provider

Witnessed by

1.....

Name and Address :

2.

Name and address :