

ANNUAL QUOTATION OF DAIRY AND LABORATORY EQUIPMENT OF LIVESTOCK SECTOR FOR THE FY 2018-2019

Sl.No	Description	Specification/Make	Unit	Rate
1	Milk Carry Can	20 ltr made out of stainless steel with lid and chain	Piece	
2	Milk Carry Can	15 ltr made out of stainless steel with lid and chain	Piece	
3	Milk Carry Can	10 ltr made out of stainless steel with lid and chain	Piece	
4	Milk Carry Can	5 ltr made out of stainless steel with lid and chain	Piece	
5	Milk Bucket	Stainless steel with lid, 8 ltr capacity	Piece	
6	Milk Bucket	Stainless steel with lid, 10 ltr capacity	Piece	
7	Milk Can	Stainless steel with mushroom type lid. Corrosion proof and crack resistant, 40 ltr capacity	Piece	
8	Milk Can	Stainless steel with mushroom type lid. Corrosion proof and crack resistant, 20 ltr capacity	Piece	
9	Milk Can	Stainless steel with mushroom type lid. Corrosion proof and crack resistant, 10 ltr capacity	Piece	
10	Milk Can	Aluminum Alloy with mushroom type lid. Corrosion proof and crack resistant, 40 ltr capacity	Piece	
11	Milk Can	Aluminum Alloy with mushroom type lid. Corrosion proof and crack resistant, 20 ltr capacity	Piece	
12	Milk Bucket	Stainless Steel with lid, 8 liter capacity	Piece	
13	Milk Bucket	Stainless Steel with lid, 15 liter capacity	Piece	
14	Can Trolley	Can Trolley ordinary Desco type 40 liter can	Piece	
15	Milk can Hammer	Rubber Can Hammer with Wooden handle	Piece	
16	Milk can brush	Nylon bristles	Piece	
17	SS Milk Measuring Jugs	Set of 100ml, 200ml, 500ml, and 1000ml	Piece	
18	Milk funnel/strainer	SS Make with top Dia: 320 mm, Bottom Dia: 127 mm, Height: 190 mm, approximate weight 1 kg	Piece	
19	Spare mesh for above	Stainless steel	Piece	
20	SS Milk Sample Dipper	50ml Capacity	Piece	
21	Milk can Plunger	Stainless steel 36"	Piece	
22	Hand Operated Centrifuges	Dynamically balanced for 8 tests. ISI marked	Piece	
23	Hand Operated Centrifuges	Dynamically balanced for 12 tests, ISI Marked	Piece	
24	Hand Operated Centrifuges	Dynamically balanced for 24 tests. ISI marked	Piece	
25	Electrically operated centrifuge	Dynamically balanced for 8 tests. ISI marked	Piece	
26	Electrically operated centrifuge	Dynamically balanced for 12 tests. ISI marked	Piece	
27	Electrically operated centrifuge	Dynamically balanced for 24 tests. ISI marked	Piece	
28	Milk Butyrometer	Corning Glass 0 – 10% Flat Scale, ISI Marked, Red Acid Proof Permanent Marking	Piece	
29	Cream/Butter Butyrometer	Corning Glass as per ISI specification 0 – 70% with rubber stopper	Piece	
30	Lock Stopper for Milk Butyrometer	ISI Marked Gerber Type (Brass Cap) (Rates per dozen)	Doz	
31	Regulating Pins for Lock Stopper	Aluminum Die casted (Rates per dozen)	Doz	
32	Butyrometer stand	Butyrometer stand cum shaking for 12 Butyrometer plastic.	Piece	
33	Butyrometer water bath	Electrical, stainless steel basin, variable temperature control from 25 degree centigrade to 100 degree centigrade thermostat, one Drain Cock, complete with rack, cable with pin plug and ON/OFF switch 220 volts/50 cycle with cover for 24 tests.	Piece	

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Sl.No	Description	Specification/Make	Unit	Rate
34	Brush for cleaning butyrometer	Nylon bristles with thick wires.	Piece	
35	Brush for cleaning milk pipette	Nylon bristle best quality.	Piece	
36	Cheese butyrometer	Corning Glass as per ISI specification 0 – 40% with rubber stopper	Piece	
Pipettes and Accessories				
Sl.No	Description	Specification	Units	
1	Milk Pipette	10.75 ml Glass with Heavy wall thickness	Piece	
2	Sulphuric acid pipette		Piece	
3	Amyl Alcohol pipette	1 ml capacity with one safety bulb	Piece	
4	Pipette pump	2ml, 10ml	Piece	
5	Pipette bulb	2ml, 10ml	Piece	
6	Pipette stand	Polypropylene holding 16 pipettes with holes diameter is 12.5 mm.	Piece	
7	Pipette Washer	Automatic pipette washer	Piece	
8	Automatic pipette	0.1ml	Piece	
9	Automatic pipette	1ml	Piece	
10	Automatic pipette tips	0.1ml	Piece	
11	Automatic pipette tips	1ml	Piece	
Test Tubes and Accessories				
Sl.No	Description	Specification	Units	
1	Milk Test Tube	ISI	Piece	
2	Test Tube Clamp		Piece	
3	Test tube stand	For 12 test plastic make	Piece	
4	Test tube stand	Stainless Steel for 24 test tubes	Piece	
5	Test tube rubber cork		Piece	
6	Test tube caps		Piece	
7	Test tube brush	Nylon bristles.	Piece	
8	Tilt measure fitted with bottle for storing acid	10ml for acid superior quality with cork No.4 (Corning glass) suitable for narrow mouth bottle having inner diameter 17mm.	Piece	
9	Tilt Measure fitted with bottle for storing amyl alcohol	1ml for alcohol with cork no. 4 (Corning glass) suitable for narrow mouth bottle having inner diameter 17mm.	Piece	
10	Dial Thermometer	0 - 100°C	Piece	
11	Digital Thermometer	0 - 100°C	Piece	
12	Electronic pH meter	With automatic temperature compensation, export quality	Piece	
13	Water Bath	0 - 100°C, fully automatic operation	Piece	
14	Laboratory Bench Top pH meter with buffer solution	Splash proof keyboard, LCD display for pH temperature etc, automatic temperature compensation, pH range 0 - 14 with buffer solution	Piece	
15	Lactometer	Zeal type, 0-40 graduation as per ISI specification	Piece	
16	Lactometer Jar	Plastic, big size with round base and graduation up to 125 ml (super quality) for Zeal type lactometer	Piece	
17	Thermometer	0-100 c	Piece	
Chemicals and Laboratory Consumables				
Sl.No	Description	Specification	Units	
1	Ethanol	500ml pack, for use in food testing	No.	
2	Amyl Alcohol	For Gerber Test, A grade, 1 liter packed in plastic jar	No.	

ANNUAL QUOTATION OF DAIRY AND LABORATORY EQUIPMENT OF LIVESTOCK SECTOR FOR THE FY 2018-2019

Sl.No	Description	Specification/Make	Unit	Rate
3	Gerber Sulfuric (H ₂ SO ₄)	98% concentrated, for use in Milk Testing (for use in Gerber Test) 1 liter containers	No.	
4	Spirit	For use in Spirit Lamps, rate per liter	No.	
5	Washing liquid for Stainless steel equipments	Rate per liter	No.	
6	Washing liquid for Stainless steel equipments	Rate per 50 liter	No.	
7	Sodium Hypochlorite solution	Food Grade for sanitizing equipments, rate per liter	No.	
8	Caustic Soda (Sodium Hydroxide)	For washing dairy equipments, rate per kg	No.	
9	Food Grade Calcium Chloride	Food grade for use in cheese making. Rate per kg. From Reputed supplier and along with MSDS	No.	
10	Phenolphthalein Indicator	For use in titratable acidity measurement	No.	
11	Potassium Hydroxide	For washing dairy equipments, rate per kg	No.	
12	Iodophor		No.	
13	Sodium Hydroxide	0.1 N	No.	
14	Muslin Cloth	rate per meter	Meter	
15	Sample bottle with cap	Plastic, capacity of 50 ml	Piece	
16	Sample bottle stand (for 50ml bottles)	Capacity 24 bottles	Piece	
17	Spirit Lamp		Piece	
18	Apron	White Color	Piece	
19	Water Proof Apron		Piece	
20	Food Processing Hair Net	Disposable white color	Piece	
21	Surgical Caps	White Color	Piece	
22	Disposal surgical gloves	Blue/Green color	Piece	
23	Laboratory Goggles		Piece	
24	Stainless steel tables	24" x 48"	Piece	
25	Face mask	Disposable Green color	Piece	
Milk Analyzer and Accessory				
Sl.No	Description	Specification	Units	
1	Milk Analyzer	For analysis of Fat, SNF, Density, Protein, Lactose, added water and sample temperature of milk. Small compact design for portability	Piece	
2	Milk Analyzer	For analysis of Fat, SNF, Density, Protein, Lactose, pH, added water and sample temperature of milk. For laboratory Use	Piece	
3	Daily Cleaning Powder for milk analyzer	Alkaline powder product for combined cleaning and disinfecting to be used for the Milk analyzer	Piece	
4	Weekly Cleaning Powder for milk analyzer	Low foaming powder product for acidic cleaning to be used for the Milk analyzer	Piece	
5	Printer for Milk Analyzer	Compatible with milk analyzer sl number 85 and 86	Piece	
Cream Separator				
Sl.No	Description	Specification	Piece	
1	Manual Cream Separator	Hand driven table model 60liter per hour capacity with stainless steel bowl discs, stainless steel receiving tank and stainless steel spout set, export quality	Piece	
2	Manual Cream Separator	Hand driven table model 100liter per hour capacity with stainless steel bowl discs, stainless steel receiving tank and stainless steel spout set, export quality	Piece	

ANNUAL QUOTATION OF DAIRY AND LABORATORY EQUIPMENT OF LIVESTOCK SECTOR FOR THE FY 2018-2019

Sl.No	Description	Specification/Make	Unit	Rate
3	Manual Cream Separator	Hand driven table model with capacity of 325 liter per hour with complete stainless steel bowl and bowl disc, stainless steel spout set and stainless steel receiving tank. Export quality	Piece	
4	Manual Cream Separator	Hand driven table model with capacity of 550 liter per hour with complete stainless steel bowl and bowl disc, stainless steel spout set and stainless steel receiving tank. Export quality	Piece	
5	Electric Cream Separator	Electrically operated 60liter per hour capacity, table model with stainless steel bowl and bowl disc, stainless steel receiving tank and stainless steel spout set with additional option for manual operation during unavailability of electricity. Export quality	Piece	
6	Electric Cream Separator	Electrically operated 90liter per hour capacity, table model with stainless steel bowl and bowl disc, stainless steel receiving tank and stainless steel spout set with additional option for manual operation during unavailability of electricity. Export quality	Piece	
7	Electric Cream Separator	Electrically operated, capacity of 325 liters per hour. All milk contacting parts made from stainless steel AISI-304 with ¼ H.P single phase electric motor with additional option for manual operation during unavailability of electricity. Export quality	Piece	
8	Electric Cream Separator	Electrically operated, capacity of 550 liters per hour. All milk contacting parts made from stainless steel AISI-304 with ¼ H.P single phase electric motor with additional option for manual operation during unavailability of electricity. Export quality	Piece	
9	Motor for Cream Separator	Electrically operated cream separator, 325L capacity	Piece	
10	Motor for Cream Separator	Electrically operated cream separator, 90L capacity	Piece	
11	Motor for Cream Separator	Electrically operated cream separator, 60L capacity	Piece	
Butter Churner & Accessories				
Sl.No	Description	Specification	Units	
1	Manual Butter Churner	SS (stainless steel), hand driven, barrel capacity of 20 liters with input/output door, sight glass, discharge nipple, drain outlet and mounted on M.S stand.	Piece	
2	Electric Butter Churner	SS (stainless steel) electrically operated. 20 liters capacity SS barrel of AISI 304 quality with input/output door, sight glass, air discharge nipple, variable speed D.C drive, Mounted on mild steel strong frame AC 220 volts 1/10 H.P single phase.	Piece	
3	Manual Butter Churner	SS (stainless steel), hand driven, barrel capacity of 60 liters with input/output door, sight glass, discharge nipple, drain outlet and mounted on M.S stand.	Piece	
4	Electric Butter Churner	SS (stainless steel) electrically operated. 60 liters capacity SS barrel of AISI 304 quality with input/output door, sight glass, air discharge nipple, variable speed drive, complete with water spray rod, Mounted on mild steel strong frame AC 220 volts 1/2 H.P single phase.	Piece	
5	Curd Percolator with can	SS (stainless steel) electrically operated 40 liters capacity, power 75W, Voltage 220V/50HZ, Speed 1300 rpm.	Piece	
6	Curd Percolator with can	Aluminum electrically operated 40 liters capacity, power 75W, Voltage 220V/50HZ, Speed 1300 rpm.	Piece	
7	Electric Curd Percolator	SS (stainless steel) electrically operated 20 liters capacity, power 75W, Voltage 220V/50HZ, Speed 1300 rpm.	Piece	
8	Electric Curd Percolator	SS (stainless steel) electrically operated 40 liters capacity, power 125W, Voltage 220V/50HZ, Speed 1300 rpm.	Piece	
9	Electric Curd Percolator	SS (stainless steel) electrically operated 60 liters capacity, power 165W, Voltage 220V/50HZ, Speed 1300 rpm.	Piece	
10	Vegetable Parchment Paper	High density, stability, and excellent grease and moisture resistant. High Wet strength. 45 GSM	Ream	

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Sl.No	Description	Specification/Make	Unit	Rate
11	Spatula	A small hand held tool for picking up, transferring and dispensing small amounts of solids such as powders and granules, occasionally for stirring (combining) powders, and for scraping	Piece	
12	Tong	Stainless steel tongs used for grasping and lifting materials or labware.	Piece	
13	Aluminum tray	Reusable, aluminum tray used for a variety jobs around the lab such as drying, soaking or staging. Measures 11.25" x 7.5" x 1.5"	Piece	
14	Aluminum dish	Capacity 15 -20 ml for analysis of moisture content of cheese.	Piece	
Bulk Milk Cooler & Other Refrigeration Items				
Sl.No	Description	Specification	Units	
1	Bulk Milk Cooling Tank	100 litre capacity. Direct expansion cooling tanks (Cylindrical). Insulation is provided by polyurethane foam of 50mm. Agitator and cooling on/off buttons, digital temperature display with non ODP and low GWP refrigerant	Piece	
2	Bulk Milk cooling tank	Direct expansion cooling tanks (Cylindrical), Capacity 250 liters. Tank insulation polyurethane foam of 50mm. Integral condensing units is Hermetic type with non ODP and low GWP refrigerant. Agitator and cooling on/off buttons, digital temperature display	Piece	
3	Bulk Milk cooling tank	Direct expansion cooling tanks (Cylindrical), Capacity 500 liters. Tank insulation is provided by factory injected polyurethane foam of 50mm.	Piece	
4	Bulk Milk cooling tank	Direct expansion cooling tanks (Cylindrical), Capacity 1000 liters with CIP (Cleaning in place). Tank insulation is provided by factory injected polyurethane foam of 50mm. the integral condensing units is Hermetic type with non ODP and low GWP refrigerant. Agitator and cooling on/off buttons, digital temperature display	Piece	
5	Bulk Milk Cooling Tank	2000 litre capacity. Direct expansion cooling tanks (Cylindrical). Insulation is provided by polyurethane foam of 50mm. Agitator and cooling on/off Bulk Milk Cooling Tank, 50 litre capacity. Direct expansion cooling tanks (Cylindrical). Insulation is provided by polyurethane foam of 50mm. Agitator and cooling on/off buttons, digital with non ODP and low GWP refrigerant	Piece	
6	Deep Freezer	300 liters	Piece	
7	Deep Freezer	500 liters	Piece	
8	Refrigerator	300 liters	Piece	
9	Refrigerator	500 liters	Piece	
10	Display Refrigerator	500 liters capacity with self closing single glass door display refrigerator, adjustable wire shelves, internal LED lighting. Digital temperature display, fan forced ducted air flow.	Piece	
11	Display Refrigerator	1000 liters capacity with self closing double glazed and toughened safety glass , adjustable wire shelves, internal LED lighting, digital temperature display, fan forced ducted air flow.	Piece	
12	Display Counter Refrigerator		Piece	
13	Display Refrigerator double door (1000 liters)	1000 liters capacity with self closing double glazed and toughened safety glass, adjustable wire shelves, internal LED lighting, digital temperature display and fan forced ducted air flow. Temperature range from 0-10 C	Piece	
14	Cool Box	10 liters with carry on strap	Piece	
15	Cool Box	20 liters with carry on strap	Piece	
16	Cool Box	30 liters with carry on strap	Piece	
17	Cool Box	40 liters with carry on strap	Piece	

ANNUAL QUOTATION OF DAIRY AND LABORATORY EQUIPMENT OF LIVESTOCK SECTOR FOR THE FY 2018-2019

Sl.No	Description	Specification/Make	Unit	Rate
18	Cool Box	50 liters with carry on strap	Piece	
Cheese Equipments				
Sl.No	Description	Specification	Units	
1	Cheese /Paneer vat with accessories	500 liters, made out of stainless steel-304 in triple jacket with provision for hot water circulation. The vat is equipped with Agitator and cheese knife.	Piece	
2	Spare cheese cutting device	Horizontal and vertical stainless steel wires brazed on stainless steel rectangular frame.	Piece	
3	Cheese Mold	Food grade polypropylene 250 gm cheese mould with pressing plate and perforations on side for whey drainage and easy cleaning.	Piece	
4	Cheese Mold	Food grade polypropylene 500 gm cheese mould with pressing plate and perforations on side for whey drainage and easy cleaning.	Piece	
5	Cheese Mold	Food grade polypropylene 1 kg cheese mould with pressing plate and perforations on side for whey drainage and easy cleaning.	Piece	
6	Cheese Mold	250 gm stainless steel cheese mould with perforation for whey drainage.	Piece	
7	Cheese Mold	500 gm stainless steel cheese mould with perforation for whey drainage.	Piece	
8	Cheese Mold	1 kg stainless steel cheese mould with perforation for whey drainage.	Piece	
9	Rennet	Food grade for use in cheese making. Rate per 500 gm packet. From Reputed supplier and along with MSDS	Sachet	
10	Cheese culture (Gouda cheese)	Freeze Dried Direct Vat Set Culture, Rate per carton of 10 sachets. From Reputed supplier and along with MSDS	Sachet	
11	Food Grade Calcium chloride	Food grade for use in cheese making. Rate per kg. From reputed supplier along with MSDS	Sachet	
12	Food Grade Citric acid	Food grade, 500 gm used as coagulating agent in milk.	Sachet	
13	Manual Cheese Press	Screw Type	Piece	
14	Cheese/butter trier	For sampling of butter and cheese for analysis		
15	Butter packing paper	Good quality	Piece/reem	
Weighing Machines & Electronic Scales				
Sl.No	Description	Specification	Units	
1	Milk recording scale	Electronic hanging type. Weighing capacity available in 50 kg division in 10 gm.	Piece	
2	Bench scale	Electronic having maximum capacity of 30 kg with least count of 5 gram. Stainless steel platform of size 400 mm X 400 mm.	Piece	
3	Digital Weighing Balance	Electronic having maximum capacity of 100 kg with Stainless steel platform	Piece	
4	Electronic Lab Precision scale/Analytical Balance	Max. capacity of 1200gms with least count of 10mg	Piece	
5	Electronic Platform Scale	Maximum Capacity 200kgs, SS platform	Piece	
6	Bodan type spring balance	15kg and 25kg	Piece	
Yogurt Equipments & Accessories				
Sl.No	Description	Specification	Units	
1	Batch Pasterizer/Yogurt Vat	Stainless Steel double jacketed with insulation, 500lit capacity with electric heating system for 90C, electric motor fitted on top and agitator with shaft and blade	Piece	
2	Yoghurt cup sealer	Manual	Piece	
3	Yoghurt cup sealer	Semi Automatic	Piece	
4	Plastic yoghurt cups with lids	100ml, with printing on cups as per design provided	Piece	

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Sl.No	Description	Specification/Make	Unit	Rate
5	Plastic yoghurt cups with lids	200ml, with printing on cups as per design provided	Piece	
6	Plastic yoghurt cups with lids	500ml, with printing on cups as per design provided	Piece	
7	Yoghurt culture	Freeze Dried Direct Vat Set Culture, Lactobacillus bulgaricus and Streptococcus thermophilus. From Reputed supplier and along with MSDS	Sachet	
8	SS Milk Pump		Piece	
9	Food grade hose pipe			
10	Incubation Chamber	Walk in Incubator (45 - 50°C) with automatic temperature controller, illumination system and mechanism to ensure even distribution of heat in chamber (2.5m x 2.5m x 3m)	Piece	
11	Cold Storage	Walk in Cold Room constructed from PUF panels with temperature range of 1 - 7°C. Unit should have automatic temperature controller, illumination system and mechanism to ensure even distribution of cold air. (3m x 3m x 3m)	Piece	
12	SS Moulds for Yoghurt Cups	Stainless steel for 400 ml cups, cup samples can be collected from mini dairy plant, Wangchutaba	Piece	
13	SS Moulds for Yoghurt Cups	Stainless steel for 200 ml cups, cup samples can be collected from mini dairy plant, Wangchutaba	Piece	
14	SS Moulds for Yoghurt Cups	Stainless steel for 100 ml cups, cup samples can be collected from mini dairy plant, Wangchutaba	Piece	
15	Rack Trolley for storing Yoghurt crates	Stainless steel rack trolley with frames welded with guide rails.	Piece	
16	Plastic crates for yogurt cups	Should fit rack trolley of sl number 177	Piece	
Vacuum Packing Machines & Accessories				
Sl.No	Description	Specification	Units	
1	Vacuum Packing Machine	Table top model, Stainless steel Single chamber, voltage (220 v/50 Hz), Motor power 750 W, Sealing power 500 W, Ultimate vacuum pressure 1	Piece	
2	Vacuum Packing Machine	Floor Model, Stainless steel Single chamber, voltage (220 v/50 Hz), Motor power 750 W, Sealing power 500 W, Ultimate vacuum pressure 1	Piece	
3	Vacuum packing film	Polyethylene/Polypropylene vacuum pouch film with easy peel option for packaging block cheese; co-extruded plastic film with water vapor, oxygen barrier and high puncture resistance with thickness 100-300 microns. Size: 35cm x 25 cm (Length x Breath)	Piece	
4	Vacuum packing film	Polyethylene/Polypropylene vacuum pouch film with easy peel option for packaging block cheese; co-extruded plastic film with water vapor, oxygen barrier and high puncture resistance with thickness 100-300 microns. Size: 26cm x 20 cm (Length x Breath)	Piece	
5	Oil for vacuum pump		liter	
6	Mini Electric Steam Generator	30kgs steam per hour, fully automatic operation for use in dairy plant Supplier should ensure supply of all interconnecting pipes and fittings for connection of the steam to the cheese/yogurt vats	Piece	
7	Mini Firewood Steam Generator	30kgs steam per hour, fully automatic operation for use in dairy plant Supplier should ensure supply of all interconnecting pipes and fittings for connection of the steam to the cheese/yogurt vats	Piece	
8	Mini Electric Steam Boiler set	50kgs steam per hour, fully automatic operation for use in dairy plant Supplier should ensure supply of all interconnecting pipes and fittings for connection of the steam to the cheese/yogurt vats	Piece	

ANNUAL QUOTATION OF DAIRY AND LABORATORY EQUIPMENT OF LIVESTOCK SECTOR FOR THE FY 2018-2019

Sl.No	Description	Specification/Make	Unit	Rate
9	Mini Firewood Steam Boiler set	50kgs steam per hour, fully automatic operation for use in dairy plant Supplier should ensure supply of all interconnecting pipes and fittings for connection of the steam to the cheese/yogurt vats	Piece	
10	Mini Electric Steam Boiler set	100kgs steam per hour, fully automatic operation for use in dairy plant Supplier should ensure supply of all interconnecting pipes and fittings for connection of the steam to the cheese/yogurt vats	Piece	
11	Mini Firewood Steam Boiler set	100kgs steam per hour, fully automatic operation for use in dairy plant Supplier should ensure supply of all interconnecting pipes and fittings for connection of the steam to the cheese/yogurt vats	Piece	
12	Electric Steam Boiler set	300 - 500kgs steam per hour, fully automatic operation for use in dairy plant Supplier should ensure supply of all interconnecting pipes and fittings for connection of the steam to the HTST pasteurizer for use in pasteurization of milk.	Piece	
13	Firewood Steam Boiler set	300 - 500kgs steam per hour, fully automatic operation for use in dairy plant Supplier should ensure supply of all interconnecting pipes and fittings for connection of the steam to the HTST pasteurizer for use in pasteurization of milk.	Piece	
Artificial Insemination Equipments				
Sl.No	Description	Specification	Units	
1	LN2 container(Transport Canister)	50-55 Liters range, with side ring & bottom pad for LN2 Storage	Piece	
2	LN2 container(Reserve Canister)	30-35 Liters range with side ring & bottom pad for LN2 storage (Export Quality)	Piece	
3	LN2 container(Semen Bank)	30-35 Liters range with canister for storage of frozen semen	Piece	
4	LN2 container(Mobile AI)	3-4 liters, with canister & carrying belt for semen storage & mobile AI	Piece	
5	Lid/Cap for LN2 container	50-55 Liters, Extra Lid/cap (Transport Container)	Piece	
6	Lid/Cap for LN2 container	30-35 Liters, Extra Lid/cap (For Semen bank and Reserve Can)	Piece	
7	Dip stick (AI Tank Dip stick)	65 cm/45 inches length, Durable and Flexible dipstick	Piece	
8	Universal AI gun (Imported)	For bovine used with all sheath types, both 0.25 ml & 0.5ml semen straws (IMV/Minitube)	Piece	
9	AI/ET Sanitary sheath	Hygienic Transparent sheath for AI & ET standard size (IMV/Minitube)	Piece	
10	Manual semen straw cutter	Ergonomic shape, Precise cut of 0.25 & 0.5 ml straws, Easy to keep clean	Piece	
11	Bovine Thawing kit	CITO Thaw Unit, 12V, standard setting 38oC with control unit and lift	Piece	
12	AI Kit Box (Set)	Ruggedly designed to withstand years of usage for sanitary storage of AI items	Piece	
13	Professional full length Apron	Professional apron, Light weight, Waterproof, Washable fabric, Durable, Adjustable straps/belts at the neck and waist, to keep cloths (Shirt & pants) Clean during AI (Export Quality)	Piece	
14	Thermometer	For measuring AI Thawing water temperature range: 0 to 100 oC	Piece	
15	AI straw tweezers/AI straw forceps(1/2 cc) AI straws Length: 6 to 12 cm	Stainless steel Tweezers/Forceps suitable for both 0.25ml (1/4cc) and 0.5ml, Special groove in the end so that AI straws can be firmly picked out of goblets without crushing the straw	Piece	
28	Bench Scale	Electronic having maximum capacity of 30kg with least count of 5 gram. Stainless steel platform of size 400mm x 400mm	Piece	
29	Plastic Crate with Locked lid	25-30 kg capacity	Piece	
30	Face mask	Disposable green colour	Piece	
31	Apron	White colour	Piece	
32	Surgical caps	White colour	Piece	

ANNUAL QUOTATION OF DAIRY AND LABORATORY EQUIPMENT OF LIVESTOCK SECTOR FOR THE FY 2018-2019

Sl.No	Description	Specification/Make	Unit	Rate
33	Tissue paper	Wheel type roll multi colour	roll	
Laboratory Equipment				
Sl.No	Description	Specification	Units	
1	Weighing Balance	Electronic	Nos	
2	Post Morten apron	Good quality cotton	Nos	
3	Post Morten apron	Good quality plastic	Nos	
4	Cotton Swab	15 cm	Nos	
5	Microscope optical cleaning	Excellent quality	Pkt	
6	Nylon tea strainer	Double layer	Nos	
7	Drug dispensing plastic bag	Good quality plastic (200gm)	Nos	
8	Centrifuge tube (Plastic)	15 ml	Nos	
9	Dimond pencil		Nos	
10	Urine reagent strips for urin	100 strips	Jar	
11	Cotton Towel	Medium	Nos	
12	Vacutainar needle	21Gx1	Pkt	
13	Slide staining jar with glass j	5-10 slide 75mmx 25	Nos	
14	Bio-hazard bags	Good quality 20Ltrs	Nos	
15	Vacutainar anticoagulant		Nos	
16	Buffer table ph7	25 tabs	Vial	
17	Spray bottle	Medium size	Nos	
18	Haemoglobino meter		Nos	
19	PH meter		Nos	
20	RBC fluid	500 ml	Bottle	
21	WBC fluid	500 ml	Bottle	
22	Leishman stain	250 ml	Bottle	
23	Gram's stain	250 ml	Bottle	
24	Lacto phenol cotton blue sta	250 ml	Bottle	
25	Methylene blue stain	120 ml	Bottle	
26	HCL	250 ml	Bottle	
27	Disposable gloves	Size - 6.5	Pair	
28	Disposable gloves	Size - 7	Pair	
29	Microscope optical		Nos	
30	Microscope glass slide	Excellent and finest		
Bee Equipment for Local Bees (Apis cerena & Apis melephera)				
Sl. No	Particulars	Specification		
1	Brood Box Set wooden made	Cerena	Piece	
	Brood Box Set wooden made	Melephera	Piece	
	Honey Super wooden made	Cerena	Piece	
2	Honey Super wooden made	Melephera	Piece	
3	Honey Extractor	Cerena	Piece	
	Honey Extractor	Melephera	Piece	
4	Honey Sieve	Steel made 10 - 20Ltr capacity	Piece	
5	Uncapping Fork	Steel made	Piece	
6	Stainless steel Bucket	20Ltr. Steel	Piece	
7	Casting Machine		Piece	
8	Apron	Plastic made imported	Piece	

ANNUAL QUOTATION OF DAIRY AND LABORATORY EQUIPMENT OF LIVESTOCK SECTOR FOR THE FY 2018-2019

Sl.No	Description	Specification/Make	Unit	Rate
9	Dangri	Beekeeping suit	Piece	
10	Gumboot	Good quality	Piece	
11	Roller	Good quality	Piece	
12	Swarm Bag	Good quality	Piece	
13	Veil	Good quality	Piece	
14	Smoker	Good quality	Piece	
15	Hive Tool	Good quality	Piece	
16	Gloves (Size 6.5 & 7)	Good quality	Piece	
17	Transportation Rope	Good quality	Meter/Kg	
18	Honey Barrel with top lid lock system	50Ltr.	Piece	
19	Honey Barrel with top lid lock system	25Ltr.	Piece	
20	Honey Barrel with top lid lock system	15Ltr.	Piece	
21	Queen Gate		Piece	
22	Bee Wax		Piece	
23	Queen Excluder		Piece	
List of Poultry Equipment				
1	Cartoon		Piece	
2	Egg Tray	Paper	Piece	
3	Fount Drinker	Plastic	Piece	
4	Basin Drinker	Plastic	Piece	
5	Feeder			
6	Beak cutter Machine		Piece	
7	Big Cut feeder	Plastic	Piece	
8	Brooders		Piece	
Fishery Equipment				
1	Drag Net	9 m Length	Piece	
2	Drag Net	6m Length	Piece	
3	Fish Transportation Pack	Plastics	Piece	
4	Fish Packaging plastic		Piece	
5	Hand Net		Piece	
6	Ice Making Machine		Piece	
7	Non perforated crate		Piece	
8	Rain Gear		Piece	
9	Wader Boots		Piece	
10	Water Test kit		Piece	
11	Vacuum packaging Machine		Piece	
12	Vacuum packaging plastic b	Good quality		
13	Vacuum packaging plastic s	Good quality		
14	Rubber Boot		Piece	
15	Cool Box	20,30,40,50ltrs	Piece	