

Tender ID - 16591

Tender Name: AI and Semen Processing Equipment/items and Laboratory Consumables FY 2023-2024

Delivery Period - 60 Days

Comparative Statement of AI & Semen Processing Equipment /Items and Laboratory Consumables for FY 2023- 2024

Sl.	Item Name & Description	Unit	Item No.	Company	Unit Price (In Nu.) [Excluding Tax & others]	Quoted Amount (In Nu.)
1	QuickLock Heater to transport AI gun at constant Temperature: Battery operated, with carrying strap to carry AI guns at a constant temperature, Thawed semen will not loose temperature in pre warmed AI gun, Very robust and easy to clean material, bag can be washed, Strap allows different ways of carrying the bag, Rechargeable battery, works for approx. 8 hours, Temperature setting : 35 degree Celsius, other values optional, with Charger for 220 V	Nos.	4.0	Druk Scientific Supplier (DSS)	82000.000	82000.000
2	Thermometer: For measuring AI thawing water temperature.	Nos	13.0	WANGTHANG TRADING	112.000	112.000

Sl.	Item Name & Description	Unit	Item No.	Company	Unit Price (In Nu.) [Excluding Tax & others]	Quoted Amount (In Nu.)
	Temperature range: 0 to 100 degree Celsius					
3	French mini straw (White / transparent color): Durable, Flexible and able to withstand heat and cold treatments during straw printing, auto filling sealing and Cryo preservation, Volume 0.25 ml, White / transparent, 1000 per packet, IMV / Mini-tube	Packet	21.0	BHUTAN TRADING	2100.000	2100.000
4	Zip Lock Plastic Bag: 17 cm X 30 cm, Durable Plastic for Packing or dispensing printed bovine ear tags	No.	29.0	Druk Scientific Supplier (DSS)	12.000	12.000
5	BioXCell, animal protein free Semen extender: Freezing Media for Bovine semen, 100 ml, Animal protein free Bovine Semen Extender, contains an antibiotic mix of Lincomycin, Spectinomycin, Gentamycin and Tylosin.	100 ml bottle	5.0	Karma Pharmaceutical & Medical Supplies	9500.000	9500.000
6	AI straw tweezers / AI straw forceps: half cc AI straws, 12 to 15 cm length, Stainless steel Tweezers or Forceps suitable for both 0.25m	Nos	14.0	DRUK WANGMO SUPPLIER	188.000	188.000

Sl.	Item Name & Description	Unit	Item No.	Company	Unit Price (In Nu.) [Excluding Tax & others]	Quoted Amount (In Nu.)
	and 0.5ml semen straws, Special groove in the end so that AI straws can be firmly picked out of goblets without crushing the straw					
7	AV cylinder: Unbreakable, Bovine artificial vagina cylinder (AV cylinder) with water valve and Air valve and retaining liner neoprene rings, standard size, IMV / Mini-tube	Nos	22.0	BHUTAN TRADING	4900.000	4900.000
8	Permanent Marker pen for plastic ear tags: Waterproof, Durable, Permanent marker (Export quality)	No.	30.0	Karma Pharmaceutical & Medical Supplies	1150.000	1150.000
9	AndroMed, animal protein free Semen extender: : Freezing Media for Bovine semen, 250 ml, Animal protein free Bovine Semen Extender, contains antibiotic mix	250 ml	7.0	Druk Scientific Supplier (DSS)	4400.000	4400.000
10	Professional Full length AI Apron: Professional apron Full length from neck to toes , Light weight, Waterproof, Washable fabric, Durable, Adjustable straps or belts at the neck and waist, to keep cloths like Shirt and	Nos	15.0	Druk Scientific Supplier (DSS)	288.000	288.000

Sl.	Item Name & Description	Unit	Item No.	Company	Unit Price (In Nu.) [Excluding Tax & others]	Quoted Amount (In Nu.)
	pants clean during AI, Full length from neck to toes, Export quality					
11	AV liner : Rough latex liner for bovine AV, IMV / Mini-tube	Nos	23.0	Druk Scientific Supplier (DSS)	2650.000	2650.000
12	AI / Insemination Gloves : 100 per packet, 5 fingers, super sensitive, Ultra - thin, durable, IMV or Mini-tube	Packet	8.0	Karma Pharmaceutical & Medical Supplies	1400.000	1400.000
13	CoolBox for holding Liquid Nitrogen (-196 degree Celsius) : for easy transfer of Frozen bovine semen. Dimensions: 8 x 7.8 x 6 in. (L x W x H)	Nos	16.0	Druk Scientific Supplier (DSS)	4600.000	4600.000
14	Alpha Vision: Video assisted system for reproduction management and insemination in cattle: Artificial insemination gun for cattle equipped with camera, which allows you to easily visualize the entry of the cervix and avoid any direct contact between the insemination sheath and the vaginal wall with camera LED lamp, stainless steel probe and Display Screen. Video assisted	Set	24.0	Karma Pharmaceutical & Medical Supplies	625000.000	625000.000

Sl.	Item Name & Description	Unit	Item No.	Company	Unit Price (In Nu.) [Excluding Tax & others]	Quoted Amount (In Nu.)
	Insemination system in cattle, high quality LED, clear image to put semen or embryo precisely, movable camera, rechargeable and detachable battery, easy to use, better conception in cattle than conventional recto vaginal technique. The device should include the following accessories; 1 viewing terminal and charger, 2 speculums, 2 Kombi color guns, 2 graduated gun extenders, 2 insemination plungers, 1 arm strap, 1 neck strap, 1 Alpha Vision/smartphone cable, 1 bottle of B-LUBE, 1 straw cutter, 50 Alpha sheaths, 150 sanitary sheaths					
15	Universal AI sheath (splitted, Imported) : 50 per packet, With slit or split, Suitable & tight fit with all types of semen straw and AI gun, transparent adapters for better visual control of straw position, soft shape tip, IMV or Mini-tube	Packet	9.0	Karma Pharmaceutical & Medical Supplies	280.000	280.000
16	AI Crate: Artificial Insemination Crate Cum	Nos	17.0	Druk Scientific Supplier (DSS)	30000.000	30000.000

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	Travis for cattle to restrain the animal for AI and treatment. Made of Iron pipes with aluminum paint. Design of the Crate is attached below. The cost should include material / labour for fixing the AI crate at NDDC, Yusipang					
17	CowScope :video endoscope in carrying case, with hygienic tubes (20x), speculum (2x), latch with insert. Equipped with Full HD (1080p) camera and LED light source Complete CowScope set with Smartphone Wiko Power U30 with charger, 6.8 inch screen with HD plus resolution, 128 GB, Android 11, USB C, Sleeve for smartphone and Neck holder for smartphone.Quick and easy to set up, use, and clean, Slim profile for ergonomic handling and animal welfare, Effective insemination under visual control	Set	25.0	Druk Scientific Supplier (DSS)	380000.000	380000.000
18	QuickLock AI gun: All-purpose AI gun for all	Nos	2.0	Druk Scientific Supplier (DSS)	3500.000	3500.000

Sl.	Item Name & Description	Unit	Item No.	Company	Unit Price (In Nu.) [Excluding Tax & others]	Quoted Amount (In Nu.)
	types of straws and sheaths, split or non -split, Stainless steel and sterilisable parts only, Sheath fixation and release very easy by just pressing a knob, One hand only sheath fixation and release, Unique design for safe and centered straw alignment every time, IMV or Mini-tube					
19	Bovine Thawing kit : CITO Thaw Unit, 12 V, standard setting 38 degree Celsius, with control unit and lift	Set	11.0	BHUTAN TRADING	36750.000	36750.000
20	Vacutainer - with EDTA Sterile, glass, volume, 7ml, 100 pieces per Packet	Packet	19.0	WANGTHANG TRADING	972.000	972.000
21	Plastic ear tags for Cattle: Should have provision for eight digit numbers per ear tag, Female Single flap including Global extended Male buttons Small buttons, Plastic, Yellow colour, Light, Waterproof, Durable for proper identification of cattle	No.	27.0	DRUK WANGMO SUPPLIER	14.000	14.000
22	Universal AI Gun (Imported): For bovine AI	Nos.	1.0	Druk Scientific Supplier (DSS)	3200.000	3200.000

Sl.	Item Name & Description	Unit	Item No.	Company	Unit Price (In Nu.) [Excluding Tax & others]	Quoted Amount (In Nu.)
	used, Can be used with all AI sheath types and for both 0.25 ml and 0.5 ml semen straws sizes, IMV or Mini-tube					
23	Manual semen straw cutter : Ergonomic shape, Precise cutting of 0.25 and 0.5 ml straws, Easy to keep clean	Nos.	10.0	WANGTHANG TRADING	150.000	150.000
24	Bovine Pregnancy Test using Bovine Pregnancy associated Glycoproteins (PAGs) with Reagents: Enzyme-linked immunoassay for the detection of early pregnancy-associated glycoproteins (early PAGs) in serum or EDTA plasma of cattle as a marker for pregnancy. Bovine Pregnancy Test can be used in serum and EDTA plasma as early as 28 days after breeding in cows with no interference from a previous pregnancy as early as 60 days after calving	Set	18.0	Druk Scientific Supplier (DSS)	94108.000	94108.000
25	0.5 Litre OR 1 litre Portable Liquid Nitrogen Containers for mobile Artificial Insemination (AI)	Set	26.0	LMB TRADING HOUSE	11730.000	11730.000

Sl.	Item Name & Description	Unit	Item No.	Company	Unit Price (In Nu.) [Excluding Tax & others]	Quoted Amount (In Nu.)
	in Cattle 0.5 L OR 1 L Liquid Nitrogen Container Cryogenic LN2 Tank Dewar With Strap for LN2 storage and transport of Bovine Frozen semen for mobile Artificial Insemination in Cattle. Easy and safe transport of liquid nitrogen with vacuum insulated for superior thermal performance and long hold time					
26	Artificial Insemination (AI) Gun Warmer: Heated; temperature controlled carrying case for loaded AI guns of cattle. To keep AI guns at correct temperature of 95 degrees F. Fully portable. Kit includes 12V rechargeable battery, belt or shoulder strap, 100V AC wall adapter, 12V DC auto adapter, spare liner and amp	Nos.	3.0	BHUTAN TRADING	112200.000	112200.000
27	AI kit Box: Ruggedly designed to withstand years of usage, for sanitary storage of AI items	Set	12.0	LMB TRADING HOUSE	1692.000	1692.000

Sl.	Item Name & Description	Unit	Item No.	Company	Unit Price (In Nu.) [Excluding Tax & others]	Quoted Amount (In Nu.)
28	Vacutainer sterile needle: Vacutainer PrecisionGlide Multi-sample Needle, 20G - 22G x 1 in. (25 mm), 50 pieces per Packet	Packet	20.0	WANGTHANG TRADING	1271.000	1271.000
29	Ear tag applicator: Universal ear tagger for Plastic ear tags	No.	28.0	WANGTHANG TRADING	673.000	673.000

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