

2. Technical Specifications

1. Tweezers- 100 Number

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> Tweezers should be properly proportioned. 6.5" long stainless steel tweezers for quick and easy removal of frozen semen straws from semen canisters. It should be shaped with a special symmetrically grooved tip that grips and surrounds the straw, yet does not crush it. Instrument should not be transmitted heat or cold and should be resistant to damage at the liquid Nitrogen temperature. 		
Make/Model		
Country of origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

2. Goat Vaginal Speculum with Light -150 Numbers

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> The speculum should be suitable for Caprine gynaecological examination and Artificial Insemination. It should be Duck bill shaped and should be provided easy insertion, comfortable vaginal expansion within the doe and one hand operation. Suitable light source should be coupled to the speculum (battery operated light source). Length -approximately 200 mm Made up of stainless steel, chromium plated or plastic plated for smooth surface and 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation**		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

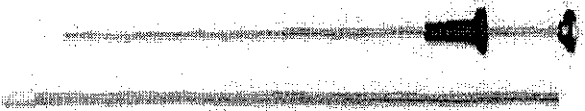
3. Shoulder Length Five Finger Gloves – 75,000 Numbers

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> The gloves should be suitable to use in artificial insemination and per-rectal examination of the reproductive organs of the cows. Sealed edges of the glove should be made smooth to prevent damage to the rectal wall of the animal. <ul style="list-style-type: none"> Weight - should be not more than 8.5g Length -(90 – 95) cm Resistance-150gm/cm² Transparency-50 Thickness -should be (26 – 28) microns Should be packed in 50 or 100 gloves per box. 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

4. Sanitary Sleeve- 2,000 Packs

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> • Material made of thin flexible and sterile plastic material. • Size typically around 46 centimeters long to fully cover the Insemination Gun. • Feature may have a finger slit at the lower end to aid in manipulation during insemination. • Application slipped over the Insemination Gun after its loaded with the semen straw. • Availability 80 to 100 sheaths should be in one pack. 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

05. Goat Artificial Insemination Gun -50 Numbers

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> Material -Made out of stainless steel. Suitable Goat Artificial Insemination (AI) guns to be used with the 0.25ml frozen semen straws for goat insemination. Auto-lock mechanism for secure straw retention. Dimensions: Barrel length approximately 440mm, outer diameter approximately 3.70mm, total plunger length approximately 450mm. Weight: approximately 45g. 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

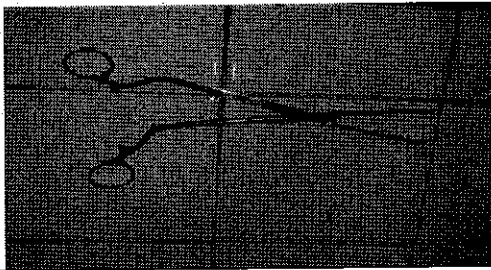
06. Artificial Insemination Mini Gun Ring-100 Numbers.

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> A strong plastic ring to fix the sheath over the gun when in use or other way to fix the sheath over the gun. 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

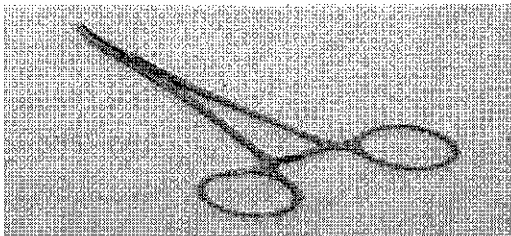
07. Goat Artificial Insemination Sheath with Apex – 10,000 Numbers.

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> The goat Artificial Insemination sheath with apex should be designed for 0.25ml straws. The apex tip round, smooth & should be tapered to a small diameter to allow dispensing at the cervix. The interior of the apex tip should be designed to center-seat 0.25ml size straws Material-Typically made from PVC. The sheath should be sterilized and packed in packets of 25 or 50 each. 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

08. Artery forceps (straight end) (250mm) - 15 Number

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> Instrument type - Dressing Forceps Length -250mm Curvature -Straight Working surface style -Serrated Material -Stainless steel Disposable or reusable -Reusable Sterile or non-sterile – Non-sterile Latex or latex free - Latex - free Grade - Premium OR-Grade 		
Brand		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

09.Artery forceps (curved end) (200mm) - 05 Numbers

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> • Instrument type - Dressing Forceps • Length - 200mm • Curvature - curved • Working surface style -Serrated • Material -Stainless steel • Disposable or reusable -Reusable • Sterile or non-sterile – Non- sterile • Latex or latex free-Latex - free • Grade - Premium OR-Grade 		
Brand		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

10. Bovine Artificial Insemination Universel Gun-50 Numbers

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> Artificial Insemination Universal Gun made up of Stainless steel. Suitable for insemination of cows using 0.25 ml and 0.5ml straws. AI gun should have Stainless steel permanently fixed type (un-detachable) barrel approximately 43.5cm length, one end of which made in conical shape to fix the sheath over it securely. The other end of the barrel should have bore 130 mm length which should be able to accommodate both 0.25ml and 0.5ml semen straws. The piston should be molded 45 cm in length. A strong plastic ring should be provided to fix the sheath over the gun when in use or other way to fix the sheath over the gun. Two additional plastic rings should be provided with each AI gun if provide ring type gun. 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

11. Field Liquid Nitrogen Containers (1.5 Capacity) - 100 Numbers

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> Stainless steel or sturdy Aluminum made with handle or otherwise carrying bag should be provided. Goblets for each canister should be provided with the container. The neck tube should be high strength and reduce liquid nitrogen loss and it should have durable, tamper-proof lid. Minimum one year warranty against defects arising from manufacturer or omission of seller & five year vacuum warranty. Serial number should be embossed on the surface of the container which should be easily visible. <p>Performance-</p> <ul style="list-style-type: none"> Static evaporation loss rate- (0.06 – 0.1) lit. /day Static holding time -(15 – 25)days <p>Unit Dimensions-</p> <ul style="list-style-type: none"> Capacity-1.5L Empty weight-(1.5 – 2.5) kg. Full weight-(2.5 – 3.5) kg. Neck diameter-(30 – 35) mm Outer diameter-(170 – 180)mm Total height-(365 – 385) mm No. of canisters -(3 – 6) Canister height not more than -120 mm Straw holding capacity single level-(75 – 150) mini straws 		
Make/Model		

Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

12. Thaw Monitors-200 numbers

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> • A triple laminated liquid crystal temperature indicator. • It should be highly accurate strip and should be unbreakable. • It should be design to fit in all brand of semen thawing units. • It should be water resistant. 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

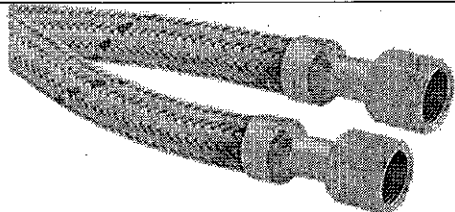
13. Straw cutter-200 numbers

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> The unit should be able to quick cut off the sealed end of semen straws. The unit should have two insertions for 0.25ml and 0.5ml straws for & after insertion of straws; there should be a button to push for cut the straw at the proper length. It should be able to disassemble for cleaning and disinfection. It should be made of non-corrosive durable plastic with stainless steel blade. Individually wrapped is required for cleanliness. 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

14. Thawing Unit (Manual) -200 numbers

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> Material-Durable, high-quality plastic with nylon lid Design- Compact and portable for easy handling and transport Capacity-Holds up to 4 straws at a time Temperature control range-maintains water at 35°C - 37°C Thaw monitor should be included in to the Thawing unit. Thaw monitor should be highly accurate unbreakable strip and It should be water resistant. Dimensions-Approx. 6 x 6 x 8 inches Weight-Lightweight, around < 500g Manual-Provided with detailed usage, maintenance, and safety instructions Cleaning- should be easy to dis-assemble and clean the components 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

15. Liquid Nitrogen transfer hose -20 Numbers

Specification	Bidder's response (Yes/No)	If no comment
 <ul style="list-style-type: none"> • Temperature Range -320° to 1,500° F • Maximum Vacuum -29" of Hg @ 72° F • Material- Stainless Steel Braid • ½ inch Female Fittings at both ends • Length -10 feet • Liquid nitrogen should be transferred across a wide temperature range with this hose. • The braid should provide good flexibility in high-vibration applications. • Female fittings swivel until tightened for easy installation. 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

16. Deep Chamber Embryo Transfer (ET) Cannula -05 Numbers

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> Application: Precision placement of bovine embryos from small straws Design Purpose: The deep chamber configuration securely holds small straws during the transfer procedure Chamber Configuration: Deep chamber design specifically for small straws Compatibility: Designed to be used with Trans-fit Lateral sheaths Visual Characteristics: Features a longer holding chamber with dual metal ends. Material: Medical-grade stainless steel construction for durability and sterilization capability 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

17. Shallow Chamber Embryo Transfer (ET) Cannula -05 Numbers

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> Application: Precision placement of bovine embryos from cut straws Design Purpose: The shallow chamber configuration is optimized to accommodate and secure cut straws during embryo transfer Chamber Configuration: Shallow chamber specifically designed for cut straws Compatibility: Designed to be used with Trans-fit Lateral sheaths Visual Characteristics: Features a shorter holding chamber with dual metal ends Material: Medical-grade stainless steel construction for durability and sterilization capability 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		

18. Embryo Transfer Sheaths (Trans-fit Lateral Sheath)-200 Numbers

Specification	Bidder's response (Yes/No)	If no comment
<ul style="list-style-type: none"> • Application: Transfer of bovine embryos. • Design Features: Specialized sheath with lateral opening and metal tip • Compatibility: Designed for use with 0.25 ml Mini-Straws • Material Properties: Precision-manufactured for smooth embryo transfer procedures • Visual Characteristics: Elongated transparent tube with metal tip. • Sterilization: Pre-sterilized for immediate clinical use • Package Configuration: 5 sheaths per package 		
Make/Model		
Country of Origin		
** Sample should be submitted along with the bidding document. Bidding documents without samples will not be considered for Tender Evaluation **		
Unit Price without VAT (Rs)		
Unit Price with VAT (Rs)		
Total Price with VAT (Rs)		
Total Price without VAT (Rs)		