

### Form F: Price Schedule Form

**All below items/equipment are equally approved. Please see details in the tendering document.**

#### **Lot 1: Filling, sealing, freezing machines, and accessories.**

ITEM	SPECIFICATIONS	UNIT	QUANT ITY	PRICE PER UNIT \$	TOTAL COST \$
ANDROVISION SOFTWARE MODULES	<ul style="list-style-type: none"> <li>CASA Software with PC and monitor For automatic sperm motility includes PC monitor and all accessories 110 V / 60 Hz and 220 V / 50 Hz</li> </ul>	Andro vision	1		
COLOUR CAMERA FOR ANDROVISION	<ul style="list-style-type: none"> <li>high speed, high resolution With power supply unit.</li> <li>For motility, concentration, morphology membrane integrity (viability), DNA fragmentation, 110 V / 60 Hz and 220 V / 50 Hz SOFTWARE OPTIONS</li> </ul>	camera	1		
ANDROVISION SOFTWARE MODULE:	<ul style="list-style-type: none"> <li>For Dose Calculation</li> </ul>	AndroVision	1		
ANDROVISION SOFTWARE MODULE:	<ul style="list-style-type: none"> <li>Quality Control of holding and post thaw semen samples, with link to native semen analysis</li> </ul>	AndroVision	1		
ANDROVISION SOFTWARE MODULE	<ul style="list-style-type: none"> <li>Morphology &amp; Morphometry Interactive, semi-automatic system for evaluation of sperm morphology and morphometry with stained and unstained preparations</li> </ul>	AndroVision	1		
PHASE CONTRAST MICROSCOPE	<ul style="list-style-type: none"> <li>Motic, heated, with phototube for CASA System negative phase, 10x objective power supply 100 - 240 V requires temperature control unit for heating stage</li> </ul>	microscope	1		
CORD WITH COUNTRY- SPECIFIC PLUG TYPE G AND C13	<ul style="list-style-type: none"> <li>on site of the device, 250V / 5A, length 1,8 m</li> </ul>	Cord	1		
CONTROL UNIT HT 200	<ul style="list-style-type: none"> <li>for heating systems</li> </ul>	Control unit	1		
WARMING PLATE, 180 X 180 MM	<ul style="list-style-type: none"> <li>for heating systems requires control</li> </ul>	Warming plate	1		

	unit Power input: 10 W				
CORD WITH COUNTRY-SPECIFIC PLUG TYPE G AND C13	<ul style="list-style-type: none"> <li>on site of the device, 250V / 5A, length 1,8 m</li> </ul>	Warming plate	1		
ACHROMAT OBJECTIVE 40X	<ul style="list-style-type: none"> <li>for Motic microsc.</li> </ul>	objective	1		
HEATING BLOCK 180 X 180 MM	<ul style="list-style-type: none"> <li>for reaction vials</li> </ul>	block	1		
LABORATORY HEATING PLATE	<ul style="list-style-type: none"> <li>with preset temperature +37°C integrated control unit, external power supply, heated area: 470 x 260 mm</li> </ul>	heating plate	1		
CORD WITH COUNTRY-SPECIFIC PLUG TYPE G AND C13	<ul style="list-style-type: none"> <li>on site of the device, 250V / 5A, length 1,8 m</li> </ul>	Cord	2		
COUNTING CHAMBER 20µM, 4 AREAS	<ul style="list-style-type: none"> <li>Standard Count", 25/package</li> </ul>	chamber	1		
PIPETTE	<ul style="list-style-type: none"> <li>0.5 to 10 µl, for loading counting chambers</li> </ul>	Pipette	1		
TIP FOR PIPETTE	<ul style="list-style-type: none"> <li>12050/0515 10 µl, 96 tips per rack</li> </ul>	Tip	960		
TIP 10 µL	<ul style="list-style-type: none"> <li>for pipette 12050/0515 loose, 1000/bag</li> </ul>	bag	1		
ELECTRONIC MIXING PIPETTE,	<ul style="list-style-type: none"> <li>100 µl to 1 ml Used with AndroVision for preparing precisely diluted samples of semen for concentration measurement Includes charger</li> </ul>	pipette	1		
TIP FOR ELECTRONIC PIPETTE PIPETTE:	<ul style="list-style-type: none"> <li>12050/0510 and 12050/0516, 96/rack 768 tips (8 x 96) / box; for up to 1000 µl</li> </ul>	box	1		
TIP FOR ELECTRONIC PIPETTE	<ul style="list-style-type: none"> <li>12050/0516, 250/bag</li> </ul>	bag	1		
UNIVERSAL PIPETTE HOLDER	<ul style="list-style-type: none"> <li>for 5 pipettes</li> </ul>	holder	1		
CLEANING KIT	<ul style="list-style-type: none"> <li>for microscopes Kit consists of: cotton plugs, lens cleaning paper, bag bellow, aluminum tray, cleaning instruction</li> </ul>	set	1		
TEST TUBE	<ul style="list-style-type: none"> <li>2.0 ml with cap 250/package</li> </ul>	package	2		

RACK	<ul style="list-style-type: none"> <li>for test tubes 1.5 ml and 2 ml, blue 80 places, numerically coded, can be autoclaved Dimensions: 210 x 65 x 27 mm (L x W x H)</li> </ul>	Rack	1		
SPERMAC STAIN KIT,	<ul style="list-style-type: none"> <li>4 x 50 ml, for Morphology Evaluation</li> </ul>	Kit	1		
EOSIN G STAIN,	<ul style="list-style-type: none"> <li>2% solution for live/dead cells, 50 ml</li> </ul>	pcs	1		
NIGROSIN STAIN, 4% SOLUTION FOR LIVE/DEAD CELLS, 50 ML	<ul style="list-style-type: none"> <li>4% solution for live/dead cells, 50 ml</li> </ul>	pcs	1		
ADJUSTABLE SINGLE CHANNEL PIPETTE, YELLOW	<ul style="list-style-type: none"> <li>autoclavable, 10 - 100 µl</li> </ul>	pcs	1		
PIPETTE TIP,	<ul style="list-style-type: none"> <li>10 - 100 µ yellow, 1000/bag</li> </ul>	bag	2		
MICROSCOPE SLIDE,	<ul style="list-style-type: none"> <li>76 x 26 mm, 50/box</li> </ul>	box	10		
COVER GLASS,	<ul style="list-style-type: none"> <li>18 x 18 mm 100/box</li> </ul>	box	5		
IMMERSION OIL,	<ul style="list-style-type: none"> <li>8 ml</li> </ul>	pcs	2		
ANDROMED,	<ul style="list-style-type: none"> <li>200 ml</li> </ul>	pcs	20		
MINISTRAW, CLEAR, 0.25 ML, 2000/ BAG	<ul style="list-style-type: none"> <li>0.25 ml, 2000/ bag</li> </ul>	bag	5		
MEDIUM STRAW, TRANSPARENT	<ul style="list-style-type: none"> <li>, 0.5 ml, 2500/ bag</li> </ul>	bag	5		
MPP QUATTRO	<ul style="list-style-type: none"> <li>Automated Filling and Sealing Machine</li> </ul>	pcs	1		
MPP QUATTRO FILLING NOZZLE	<ul style="list-style-type: none"> <li>for 0.25 ml straws, length 56 mm</li> </ul>	pcs	1		
MPP QUATTRO FILLING NOZZLE	<ul style="list-style-type: none"> <li>for 0.5 ml straws, length 56 mm</li> </ul>	pcs	1		
MPP QUATTRO SUCTION NOZZLE	<ul style="list-style-type: none"> <li>for 0.25 ml straws</li> </ul>	pcs	1		
MPP QUATTRO SUCTION NOZZLE	<ul style="list-style-type: none"> <li>for 0.5 ml straws</li> </ul>	pcs	1		
MPP QUATTRO AND MPP UNO STRAW HOPPER	<ul style="list-style-type: none"> <li>for 0.25 and 0.5 ml straws</li> </ul>	pcs	1		
SEMEN CONE	<ul style="list-style-type: none"> <li>200 ml, disposable, 100/bag</li> </ul>	bag	1		
FIXING UNIT	<ul style="list-style-type: none"> <li>for needle blocks MPP Uno and Quattro stainless steel</li> </ul>	pcs	1		
WASHER	<ul style="list-style-type: none"> <li>for all Filling and Suction Nozzles, 5000/bag</li> </ul>	bag	1		

MPP UNO/QUATTRO FILLING AND SUCTION TUBING,	• 380mm,1000/bag	bag	1		
STRAW SEAL TESTER	• to check sealing of straws (0.25 ml/0.5 ml),	pcs	1		
COOLINGCASTLE,	• Cold Handling Cabinet,	pcs	1		
ICECUBE	• 14 S-A 230V: Automatic Freezer w/o screen Accessories	pcs	1		
ICECUBE 14 S: FREEZING RACK	• Capacity: 36 straws	pcs	2		
LOADING DEVICE FOR STRAW RACK	• Rack: 16821/5036	pcs	1		
IceCube 14 S:	• Handling Rack with 2 threaded bars	pcs	1		
SPACER	• for IceCube 14 S	pcs	1		
TP 60 PRESSURIZED LN2 TANK:	• Volume: 60	pcs	1		
ROLLER BASE	• for pressure container TR60, TP60 and TP100	pcs	1		
ICECUBE 14 S:	• Pliers Used with rack: 16821/5036	pcs	1		
STAINLESS STEEL FUNNEL	• for goblets ø 65 mm	pcs	2		
GOBLET, DIAMETER	• 35 mm, white 25/bag	pcs	50		
GOBLET, DIAMETER	• 65 mm, white 25/bag, 175/cardboard box	pcs	50		
ALUMINUM CANE,	• 2 x 13 mm used with goblets	pcs	100		
IDENTIFICATION ROD	• for 0.25 ml straws, white, 140 mm long	pcs	50		
IDENTIFICATION ROD	• for 0.5 ml straws, white, 140 mm long	pcs	50		
BOVINE/CAMEL	• AV casing, 30 cm, with valve Accessories	pcs	1		
INNER LINER	• for Bovine AV, smooth, latex, brown, approx. 78 x 650 mm	pcs	1		
INNER LINER	• for bovine AV rough latex, brown, approx. 78 x 650 mm	pcs	1		

DISPOSABLE INNER LINER	• for bovine AV with integrated semen collection vial	pcs	50		
DIRECTOR CONE	• made of latex for bovine vagina, 27 cm long	pcs	1		
SEMEN COLLECTION	• vial, 15 ml, graduated graduated, plastic, with lid	pcs	1 00		
WARMING BAG,	• 35 cm	pcs	1		
RUBBER RING	• for Bovine AV	pcs	1		
LUBRICATION STICK,	• 50 cm long	pcs	1		
REPROJELLY,	• non spermicidal lubricant, 3 l	pcs	1		
PUMP	• for lubricant ReproJelly, ReproJelly, 3 l (11907/3000	pcs	1		
THERMOMETER	• up to +100°C, graduation 0.1°C, red filling	pcs	10		
ARTIFICIAL VAGINA	• for Sheep and Goats	pcs	8		
INNER LINER	• (smooth) for AV for for pig/sheep/goat	pcs	8		
SEMEN COLLECTION VIAL	• , 4 ml, tulip shape, graduated	pcs	4		
SEMEN COLLECTION VIAL,	• 8 ml tulip shape, graduated	pcs	4		
SILICONE PLUG	• for semen collection vial 4 ml (Ref. 11323/0004)	pcs	10		
INSULATED WARMING BAG	• for 250 ml glass bottle	pcs	2		
SEMEN COLLECTION GLOVE	• Size M, non-spermicidal, latex free, powder free	box	5		
On-job training	Training in operating the selling filling machine and production of frozen Semen for Bulls, Rams and Buck	Person	3		

Total of Lot no. 1 excluding VAT					
<b>Lot 2: LIQUID NITROGEN machine.</b>					
MOBILE LIQUID NITROGEN GENERATOR	Voltage: 230 VAC. Phase:: Single Phase. Temperature: 16 C to 25 C. Generation Rate: more than 6.0L – up to 10 L per day. Purity: 98.6% (< 1% oxygen). ( in job training)	generator	1		
On-job training	Training in operating liquid nitrogen machine and production of liquid nitrogen.	Person	3		
Total of Lot no. 2 excluding VAT					
<b>Lot 3: Gene test.</b>					
OVINE SNP50 DNA ANALYSIS	for major and minor genes according to illumina microarray chip  Fixed Markers: 54,241 evenly distributed SNPs across the genomeum Genome-Wide Genotyping Array Microarray Ovine iScan or equivalent  With a detailed analyzing report giving explanation of the data obtained from the Microarray categorizing the analyzed animals according to their genetic makeup giving recommendation about each animal.	Sample	30		
Total of Lot no. 3 excluding VAT					
<b>Lot 4: Shelter animals for Rams.</b>					
SEMEN COLLECTION SHELTER	Shelter dimensions: (m - W x D x H): 10 x 4 x 3.5	Shelter	1		
SEMEN COLLECTION SHELTER	Shelter dimensions: (m - W x D x H): 10 x 4 x 3.5	Shelter	1		

Total of Lot no. 4 excluding VAT					
<b>Lot 5: Laboratory equipment and disposables material.</b>					
LIQUID NITROGEN	<ul style="list-style-type: none"> <li>- 196 c liquid nitrogen.</li> <li>4 year contract.</li> </ul>	kg	4000		
SCISSORS	Stainless steel, long 70 cm 3 serrated scissors for freezing process	scissor	2		
SCISSORS	Long 50 cm, 3 Stainless steel serrated scissors for freezing process	scissor	2		
TWEEZES(TONGS)	Long 50 cm, 3 Stainless steel serrated scissors for freezing process	Tweezes	2		
GLYCEROL	<p>Glycerol: pure &amp; clear, colorless, viscous, sweet, tasting liquid, molecular formula(<math>\text{HOCH}_2\text{CHOHCH}_2\text{OH}</math>)density 1.26g/cm<sup>3</sup></p> <p>Soluble in H<sub>2</sub>O,Impurities 0.1% water (Karl 1 Fischer),6%,propane - 1,2,3 trial (56-81-5)</p>	litter	5		
GLUCOSE POWDER	<p>Glucose Powder. Pure 99.2%</p> <p>Anhydrous, come in sturdy plastic 500 gm bottle</p>	Kg	1		
RAFFINOSE	<p>D-(+)- Raff nose powdered pent hydrate 99%.<math>\text{C}_{18}\text{H}_{32}\text{O}_{16} \cdot 1.5\text{H}_2\text{O}</math>. Soluble in water 500gm.</p> <p>Purity greater than 95%,molecular weight594.5 ,storage at room temperature</p>	200gm	1		
CITRIC ACID	Citric acid: 99 % pure, white or colorless, anhydrous powder, acidic< taste, soluble in water	500gm	1		
SODIUM CITRATE	<p>Tri –sodium citrate <math>\text{C}_6\text{H}_5\text{Na}_3\text{O}_7 \cdot 2\text{H}_2\text{O}</math>,</p> <p>Colorless or white, purity than 95%</p>	500gm	1		

TRIES AMINO METHANE	Tries (hydroxymethyl) amino methane,  NH <sub>2</sub> .C(CH <sub>2</sub> OH) 99%,made in UK,77-86-1,F.W.121.14 EINECS201-064-4  Formula white 121.4 ,powder	kg	1		
LUBRICATING GEL	Viscous bland lubricant that is non spermicidal for gynecological and rectal exams. Gallon bottle.	5litter	3		
DOUBLE DISTILLED WATER	Double Distilled Water, polling pointe 100c, melting point 100 c , specific gravity 1, colorless , odorless ,PH:5-7,. EC" electrical conductivity (1). Efficiency : <or =1μs\cm, silicon concentration< or =0.05mg\dl,phospha0te concentration PO <sub>4</sub> <0.05mg\l, sodium conc. Na <0.2mg,potassium conc. <0.02mg\l	18 litter	3		
FILTER PAPER	100 cotton ,linter cellulose, PH tolerant 0-12 ,thermos table up to 100c	box	10		
ALCOHOL	Ethanol C <sub>2</sub> H <sub>6</sub> O,99% colorless	litter	20		
TEST TUBE	Plastic made. disposable , Volume 10 ml ,	50/ unit	2000		
YELLOW TIPS	Plastic pipit 1000 per bag	bag	2		
SPONGE	a sponge connected to a silk string, saturated with around 60 mg of artificial progesterone hormone	Sponge	3000		
HORMONES	PMSG hormone bottles (5 ml hormone bottles, and another 30 ml bottles of distilled water for Hormone dilution) : PG-6000	Bottle	300		
Total of Lot no. 5 excluding VAT					