

Annexure-B

APPROVED LIST OF VETERINARY INSTRUMENTS AND EQUIPMENTS

Generic Names of Instruments & Equipment as per tender schedule	Specification	Make	Brand	Unit Packing	MRP	Basic Rate	Name of Bidder	Remark
2	3	4	5	6	7	8	8	9
Absorbent cotton i.p	500 gm	JAJOO SURGICALS PVT LTD	JAJOO	EACH	410.00	190.00	Kamala Agencies	L1
Aerosol Fumigator	Capacity 1.5 - 2 Ltr.	P.L. TANDON & CO	TANCO	EACH	32,725.00	19,266.00	Kamala Agencies	L1
Air Sampler		Himedia Laboratories Pvt Ltd	HiMedia	Each	798,000.00	479,000.00	National Enterprises	L1
AI sheath container		NATIONAL MEDITEK	NATOMED	EACH	34.00	19.00	Kamala Agencies	L1
Alpha A.I sheath for French Mini straw	Single pack, sterilized to fit 0.25 ml straw	IMV INDIA PVT LTD	IMV	EACH	14.00	9.90	Kamala Agencies	L1
Alpha Vision	Insemination gun equipped with a camera which allow to easily visualise the entry of the cervix and avoid any direct contact between the insemination seath and the vaginal wall.	IMV INDIA PVT LTD	IMV	EACH	598,000.00	370,000.00	Kamala Agencies	L1

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7	Ambu respirator with valved T tube	Ambu Bag is made of silicon, latex free double layered tubed & resistant to rough use it is suitable for all type of face masks. Ambubag is autoclavable, Ambubag is self inflatable & has a valve attachment for oxygen tube & oxygen reservoir, inlet end of the bag have separated port for oxygen supplement, outer port is such that re-breathing valve or non return valve can be attached. It delivers tidal volumes of 250/500/750 and 1000 ml-it has controlled flow rates and ventilation and with reduced airway pressure.	SAKEE SURGICALS PVT LTD	SS-AB-500	EACH	20,160.00	12,600.00	Kamala Agencies L1
8	Autoclave (horizontal/steam steriliser)	Steam/electrically operated, double jacketed, stainless steel body, capacity to accommodate 70 nos. X4 liter Holkin's flask, working pressure-steam pressure 20psi & hydraulic pressure 2.6X4 psi.	P.L. TANDON & CO	TANCO	EACH	2,685,000.00	1,560,000.00	Kamala Agencies L1
9	Autoclave (horizontal/steam steriliser with wheels)	SS body with steam system with pressure gauge, electrically operated single phase-270 V, Length 5.6 feet, DXP-48 inch	P.L. TANDON & CO	TANCO	EACH	585,000.00	395,000.00	Kamala Agencies L1
10	Autoclave	Vertical	P.L. TANDON & CO	TANCO/Size 450x250mm	EACH	1,20,000.00	72,000.00	Kamala Agencies L1
11	Artery Forceps	6" Straight/Curved SS	Newtek Instruments	Newtek	6" Each	56,000	350,000	National Enterprises L1
11	Artery Forceps	8" Straight/Curved SS	Newtek Instruments	Newtek	8" Each	75,000	470,000	National Enterprises L1

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12	Artificial Vagina Cones - 9"	The cone should be made of virgin latex rubber. 9 inches long with one end tapering to fit on semen collection tube of 15 mm diameter. It should withstand steam sterilization. It should be of thick rubber.	IMV INDIA PVT LTD	IMV	1 EACH	2,250.00	1,242.00	Karnata Agencies
13	Artificial Vagina Cones siliconized - 9"	The cone should be made of siliconized rubber. 9 inches long with one end tapering to fit on semen collection tube of 15 mm diameter. The inner surface should be very smooth and shining to permit free flow of semen. It should be withstand steam sterilization.	IMV INDIA PVT LTD	IMV	1 EACH	3,120.00	1,677.00	Karnata Agencies
14	Artificial vagina Hose pipe 10"	Artificial vaginas made of rubber, suitable for buffalo bulls, 10 inches long, 2.5" Dia approx fitted with good quality brass valve for pouring hot water. The brass valve should be leak proof for air and water. The body should be slightly pliable. Both the edges should be rounded, smooth and elevated to hold the rubber liner.	CRYO-VET, FRANCE	CRYO-VET	Each	8,700.00	5,090.00	National Enterprises
15	Artificial Vagina Hose pipe - 12 "	Artificial vaginas made of rubber, suitable for cattle and buffalo bulls, 12 inches long, 2.5" Dia approx. fitted with good quality brass valve for pouring hot water. The brass valve should be leak proof for air and water. The body should be slightly pliable. Both the edges should be rounded, smooth and elevated to hold the rubber liner.	CRYO-VET, FRANCE	CRYO-VET	Each	8,900.00	5,500.00	National Enterprises
16	Artificial Vagina Hose 12"	The rubber liner should be made of virgin latex rubber and 12 inches long with sides smooth. The liner should be of uniform thickness, smooth and soft. It should withstand repeated sterilization.	IMV INDIA PVT LTD	IMV	1 EACH	3,450.00	1,300.00	Karnata Agencies

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Sl. No.	Item	Description	Quantity	Unit	Brand	Value	Remarks
17	Al Funnel	SS 304 stainless steel capacity 1000 ml	1	Each	Kanada Agencies	1000.00	1.1
18	Al Kit poly box	The poly box made of durable extruded plastic. One kit included 150 Alpha seath, 1 Al Gun, 2 rolls of carrying seath, 2 box of silky extra long copolymer gloves.	1	Each	National Enterprises	450.00	1.1
19	Al funnel	SS with handle length upto 40 cm. diameter upto 5 cm with delivery outlet having diameter upto 5 cm will be used for transferring liquid nitrogen to biological containers.	1	Each	Kanada Agencies	330.00	1.1
20	Allis tissue forceps	6" SS	1	Each	Kanada Agencies	240.00	1.1
21	Adsons tissue forceps	6" SS	1	Each	Kanada Agencies	240.00	1.1

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21	Automatic System for filling, sealing and Printing Machine (1 Sevo Integrated- Non Alpha)	Should have On Board USB camera for viewing live filling and remote maintenance. ; Should have LED color status system in order to ensure proper functioning. ; Should have clear and unobstructed view of the filling-vacuum stations. ; Should have an obstructed view of the hopper so that user can see if even 1 straw is still in the tracks. ; Should be with sequential priming facility to minimize partially filled straws upon start. ; Should be with 4 - 1 at end of each cycle. ; Should be with 1X1, 2X2 and 4X4 operation facility. ; Should be "end of liquid detection" alert before converting to 4 - 1 ; Should be with easy 3-button operation. ; Should be with cover-free stations for quick engaging and disengaging of needles. ; Should be with settings access/change through on-board touch screen. ; Should be with remote maintenance facility (with supervision PC and Internet). ; Should have the option of using disposable or non-disposable filling needles ; Should have emergency dual pump connection ; Should have an SD card slot to be able to upload future software release without maintenance help. ; Computer piloted (MS windows compatible) (DELICATE SOFTWARE). ; The system should be compatible with Software for Management Integrated Laboratory Environment system.	IMV INDIA PVT LTD	IMV	1-ACT1	12,187,500.00	7,380,000.00	Kamala Agencies	L1
22	Automatic Drenching Gun	Heavy duty drencher with metal body and plexi glass barrel. The dosing can be set to any volume. The drencher is delivered complete with a strong 5 l plastic container with shoulder straps and tubing	JORGLEN KRUTSI	KRUTSI	Each	9,200.00	5,500.00	National Enterprises	L1

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23	Automated Hematology Analyzer for veterinary use	Should be 3 port differential blood cell counter capable for veterinary application. Should be able to analyze 24 parameters blood parameters to be tested are: WBC, RBC, HGB, PLT, LYMP%, MIP%, GRAN%, MCV, RDW, SD, RDW-CV, MPV, PDW, P-LCR, P-LCC, LYMP#, MIP#, GRAN#, HCT, MCH, MCHC, PC1 etc. Availability of calibration and quality control for each animal. Throughput at least 50 samples/hour. Reagent - Cyanide free. Sample size: 10 ul -40 ul whole blood or 20-50 ul prediluted. Should have facility for user selectable mode for different species such as Cow, buffalo, horse, dog, cat, Sheep, Goat, Pig, Camel, rat, rabbit, mice etc. Measurement Principle: Electronic impedance. Large color LCD display and user friendly operating system. Should automatically save up to 1000 test record with histograms. Support: RS232, Standard network port and USB, Internal Thermal printer or provision to attach external laser Printer. Power supply AC 100-240V, 50-60 Hz. Automatic cleaning, flush, cauterize. Should be operated with standard mouse and keyboard. Parallel port & USB for external printer (Suitable external Laser Printer should be provided along with system. Alarm	INDEX LABORATORY LIS	INDEX	INDEX	2,35,000.00	1,350,000.00	Kanada Agencies	11

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24	Analyzers, Laboratory Chemistry	Technical characteristics: 1) A 120V, 60Hz mono-phase selected source with line correction plug NEMA 5-15 type; 2) Protections against over-voltage and over-current line conditions; 3) Compliance with applicable Haitian standards and regulations; 4) Equipment provided with an adequate Uninterruptible Power Supply (UPS) system with not less than 30 minutes of back-up; Operational characteristics 5) Compact bench top configuration, fully automated, auto-calibrating, auto-sampling, auto-diluting; 6) Analytical Methods: photometry and potentiometry 7) STAT mode 8) Sample type: serum, plasma, urine 9) System capacity: 7-40 sample positions 10) Direct sampling and sample tray accepting cups or tubes in a wide range of sizes 11) Throughput not less than 250 tests/hour (with ISE) 12) Spectrum analysis range not smaller than 340 to 700 nm; 13) Liquid, ready to use reagents, refrigerated on board 14) Flexible and user friendly analyser software in French language 15) Liquid level sensing; 16) Abnormal values flag; 17) Auto quality control 18) Minimal Distilled Water Consumption 19) Data management: - Built in or external display - Workstation or control panel - Results storage - Computer interface - Integrated or external printer - Bar code reader 20) Any accessory or dedicated device necessary to the proper functioning and utilization of the equipment included 21) The equipment shall preferably be functioning by use of reagents of most common brands, without exclusive need of dedicated reagents produced by a single supplier.	IDEXX LABORATORY US	IDEXX	EACH	2,098,000.00	1,220,000.00	Kamaka Agencies	1.1

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		<p>The compatible open reagents shall be available in the markets of Caribbean Region. TEST M11 N11 - Minimum parameters set Clinical Chemistry - Photometry Substrates</p> <p>Albumin Bilirubin (direct and total) Creatinine Glucose Total protein Urea / Uric Acid Electrolytes Calcium Chloride Magnesium Phosphorus Lipids Cholesterol HDL direct LDL direct Triglycerides Enzymes Alkaline Phosphatase Amylase CK / CK-MB GGT AST ALT TISE - Potentiometry Sodium Potassium Chloride Additional consumables and accessories to be included in the bid price: 22) Complete with the necessary start up kit of consumables and reagents for initial testing, calibration and training activities</p>						

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15	Analysers, Laboratory Hematology	Electrical characteristics: 1) A 120V, 60Hz mono-phase electrical source with line connection plug NEMA 5-15 type. 2) Protections against over-voltage and over current line condition. 3) Compliance with applicable Italian standards and regulations. 4) Equipment provided with an adequate Uninterruptible Power Supply (UPS) system with not less than 30 minutes of back-up. Operational characteristics: 5) Benchtop configuration, compact model, fully automated equipment, auto diluting, for counting, sizing or differentiating blood cells 6) Sample type, capillary or whole blood 7) Ready to use reagents 8) Throughput: Whole Blood Mode: 50 samples/hour 9) Sample volume: 200 µl (whole blood) 10) Minimum requirements for measured and calculated parameters: WBC, Hb, Ht, RBC, HGB, Hct, MCV, MCH, MCHC, MPV, PLT, RDW, Monocytes (% and #), Lymphocytes (% and #), Granulocytes Neutrophil, Eosinophil and Basophil (% and #). 11) Bar code identification for samples and reagents. 12) Data storing capacity not less than 200 patient data samples, with all parameter and histograms. 13) Flexible and user friendly analyser software in French language for data analysis and reporting. Graphs, histograms and/or scattergrams available for main parameters (at least WBC, RBC, PLT). 14) Alert indicators	FNICO	FNICO	EA CH	1985/000/00	1320/000/00	National Enterprises	13

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Sl. No.	Description	3	4	5	6	7	8	9
40	BONE CURTHER	Stainless Steel 6" & 8"	NATIONAL MEDITEK	NATIONAL	6" EACH	825.00	325.00	Kamala Agencies
41	BONE CURTHER	Stainless Steel 6" & 8"	NATIONAL MEDITEK	NATIONAL	8" EACH	694.50	432.00	Kamala Agencies
42	Bull Holder	Range 0-100 degree centrifuge Bull holder, Harris model standard quality, with rolling adjuster, 19 cm	NATIONAL MEDITEK	NATIONAL	EACH	305.00	170.00	Kamala Agencies
43	Bulk storage container for semen storage	Stainless steel body, useful capacity is approx. 200 Lts., wide mouth with 45 - 80 nos. of canisters to hold approx. 150000 french mini straws. Specification:- External height 1340 - 1370 mm, external width 600 - 660 mm, internal diameter 520 - 550 mm, internal height 730 - 750 mm Daily static evaporation is less than 7 Lts, static holding time should be less than 35 days	IMV INDIA PVT LTD	IMV, Model ESPACE 15L (Made in France)	EACH	4,550,400.00	2,841,000.00	Kamala Agencies
44	Deep cold Freezer	Capacity to freeze 5,000 french mini straws, SS body electrically operated with 250 V, in single phase having control box with computer	IMV INDIA PVT LTD	IMV, Model DIGICOLD - S330, (Made in FRANCE)	EACH	6,608,000.00	4,730,000.00	Kamala Agencies
45	Bovine photometer with Diluter	For estimation of sperm concentration	IMV INDIA PVT LTD	IMV, Model ACCUCELL (Made in FRANCE)	EACH	2,058,000.00	1,370,000.00	Kamala Agencies

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46	Bench top RADIOLRAED	CENTRIFUGAL Specification: 1. Temperature range: (-10 C to +40 C) of operation. 2. Timer: 1-99 minutes. 3. Microprocessor controlled, brushless induction motor. 4. Fixed angle rotor accommodating at least 24 X 1.5/2ml tubes and 6 X 15/50 ml tubes. 5. Maximum speed : approximately 14000 rpm. Must be able to maintain maximum speed at 40C. 6. Noise level should be less than 70 dB. 7. Pre-cooling of rotor and chamber function. 8. Digital display of temperature, time and speed. 9. Two years warranty. 10. Must be supplied with compatible stabilizer.	EPPI, NIDORF INDIA PVT LTD	EPPI, NIDORF Model- S430R	EACH	1,824,000.00	1,068,000.00	Kanada Agencies LL
47	C-Arm X-ray machine with Monitor	16KW HF mobile C-arm X-ray machine HMC-160 max. power: 16kw photograph: 40-125KV 32-200mA	ALLENGERS MEDICAL SYSTEMS PVT LTD	ALLENGERS Model HF-49	EACH	1,967,000.00	1,148,000.00	Kanada Agencies LL
48	C cardboard box with partition	5 ply, suitable for packing of 20nos. Of 300 ml vaccine bottle.	Local	Local	Each	70.00	40.00	National Enterprises S

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		regent slides available section of individual chemistries, 3P packaged panels (general health profile, premenstrual panel and equine health profile) and a uric protein/creatinine ratio slides are supplied in boxes and are packaged in dividers in sealed foil's, power supply, universal power supply /interface ports, RS 232 port for connection to the IDEXX vet lab(r) system, /Parice management systems Operating Temperature 19 degree +/- 7 degree c(66 degree-81 degree F) and relative humidity between 30% and 85 % Dimension L: 465(W X 360 D X 200 H) Net weight : 14 kg supplied with standard accessories FDA approved.						
50	Coe Dx Analyzer	Uses Gold Standard End Point Fibrin Clot Detection Technology	IDEXX LABORATORIES	IDEXX VET TEST	EACH	1,285,700.00	780,000.00	1.1
51	Calcium Test	Lanhan pattern is a semi quantitative fast test for determining the concentration of calcium in blood in dairy cattle.	NATIONAL MEDITEK	NATIONAL MED	EACH	590.00	365.00	1.1
52	CALF PULLER	CALF PULLER CONSIST OF PRECISION THREADED SHAFT OF 76" LONG IN TWO PART WITH BRACE SPANNER FOR PLEVIC BONES FRICTION JACK FITTING WITH LEG AND TRACTION BELT FOR SMOOTH CALF DELIVERY	NATIONAL MEDITEK	NATIONAL MED	EACH	97,000.00	16,200.00	1.1
53	CASTING ROPE	Cotton 1 1/2" X 15 yards	Newtek Instruments	Newtek	Each	600.00	550.00	1.1

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53	CASTING ROPE	Cotton 1" X 15 yards	Newtek Instruments	Newtek	Each	1,300.00	750.00	National Enterprises
54	Catgut	No 1 0.2-0	FINI SURGICALS	STAR	NO 1-0	2,710.00	1,584.00	Kanala Agencies
54	Catgut	No 1-0.2-0	FINI SURGICALS	STAR	NO 2-0	2,710.00	1,584.00	Kanala Agencies
56	Child forceps	10"(ss)	Newtek Instruments	Newtek	Each	870.00	590.00	National Enterprises
57	CURETTER	Stainless steel, 6" & 8" long	Newtek Instruments	Newtek	6" Each	630.00	380.00	National Enterprises
57	CURETTER	Stainless steel, 6" & 8" long	Newtek Instruments	Newtek	8" Each	720.00	420.00	National Enterprises
58	Calving Belt	Calving Belt with stainless steel hook. Simple and strong, calving belt to use together with obstetric chains or robes.	Newtek Instruments	Newtek	Each	12,870.00	6,300.00	National Enterprises
59	Calving Ropes	10-5 mm, length 150 cm.	Newtek Instruments	Newtek	Each	1,420.00	750.00	National Enterprises
60	Control Box with computer system and cables for Biological freezer	Capacity to freeze 500 french mini straws, SS body electrically operated with 270 V, in single phase having control box with computer	IMV INDIA PVT. LTD	IMV, For DIGITAL COOL (Made in France)	EACH	2,795,000.00	1,790,000.00	Kanala Agencies

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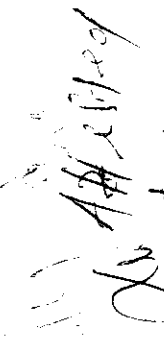
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61		24. HI PA Filter on CO ₂ Inlet to provide added protection from potential contamination sources. 25. RS 323 port for communication. 26. Preferable a trained service engineer at Bhudaneswar. 27. Optional Items: Two-Stage ISI mark CO ₂ Gas Regulator (may be offered from local source) (Suitable Servo Voltage Stabilizer).						
62	Cutting Scissors	Ss. 6"	Newtek Instruments	Newtek	Each	610.00	390.00	National Enterprises
63	Respirator	IMPORTED JORGLEN KRUTUSSE -9",12",16",19"	JORGLEN KRUTUSSE	KRUTUSSE	9"/Each	14,000.00	7,600.00	National Enterprises
64	Respirator	IMPORTED JORGLEN KRUTUSSE -9",12",16",19"	JORGLEN KRUTUSSE	KRUTUSSE	12"/Each	19,000.00	11,500.00	National Enterprises
65	Respirator	IMPORTED JORGLEN KRUTUSSE -9",12",16",19"	JORGLEN KRUTUSSE	KRUTUSSE	16"/Each	22,000.00	12,500.00	National Enterprises
66	Respirator	IMPORTED JORGLEN KRUTUSSE -9",12",16",19"	JORGLEN KRUTUSSE	KRUTUSSE	19"/Each	24,000.00	13,200.00	National Enterprises
67	Cryo option	length upto 42 inch. Maximum thermal protection, water proof, light weight, splash protection, breathable	IMV INDIA PVT LTD	CRYOPAL	EACH	72,960.00	45,600.00	Kanada Agencies
68	Cryo gloves	For liquid Nitrogen handling, can with stand up to -170 c temperature. Length upto 45cm	IMV INDIA PVT LTD	CRYOPAL	EACH	17,500.00	12,500.00	Kanada Agencies
69	CRYOPAL	polypropylene-sterile, graduated with leak proof screw caps, with self-standing base, white writing area on side of the tube, capacity 1.8 ml/pack of 25/100.	Himedia Laboratories Pvt Ltd	Hi-Media	1*1000 Nos	10,783.00	8,800.00	National Enterprises


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67	crystoscope	set of light with glass slides for observing fern pattern	Newtek Instruments	Newtek	Each	1,290.00	540.00	National Enterprise
68	Cryo vessel with wide mouth	320 ltrs. 420 ltrs& 550 ltrs with 80-100 Canisters for storage of Frozen Semen Straw	Inox	Inox	WMCO 320	490,000.00	350,000.00	National Enterprise
68	Cryo vessel with wide mouth	320 ltrs. 420 ltrs& 550 ltrs with 80-100 Canisters for storage of Frozen Semen Straw	Inox	Inox	WMCO 550	2,072,000.00	1,480,000.00	National Enterprise
69	Cryo box	Polycarbonate, autoclavable to old 81 cryo vials of 1.8 ml and 1.5ml numbers moulded into lid system in the box corresponds to number printed in the lid	Himedia Laboratories Pvt Ltd	Himedia	IN 7 No	3,100.00	2,545.00	National Enterprise
70	Cryo box	100 holes capacity	Himedia Laboratories Pvt Ltd	Himedia		4,118.00	3,350.00	National Enterprise

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13. CCRB shall follow the following As per norms of Chief Controller of Explosive, Narmad Description of Technical Specifications The Liquid Nitrogen Storage Tank shall be double walled cryogenic storage tank having annular space insulated with high vacuum Multi-Layer Super Insulation (MLSI) with absorber (vacuum getter) material for vacuum retention. Design & Construction i. Inner Vessel Inner vessel shall be designed, fabricated, tested and inspected as per latest ASME Pressure Vessel Code, Section VIII, Div. 1 with service temperature of 1960C suitable for storing cryogenic liquid. Material of Construction: SS304 ii. Outer Vessel The outer vessel or vacuum casing shall be designed as per CCA-341 code to withstand 15 psi g external pressure. Material of construction: Carbon steel of suitable grade iii. Insulation The annular space between inner vessel and outer vessel shall be insulated with Multilayer Super Insulation (MLSI) and sealed under high vacuum of better than 5 Micron. Suitable absorber material - Vacuum Getter shall be incorporated for vacuum retention iv. Piping Suitable product piping shall be provided for product fill, product withdrawal and pressure building with suitable relief devices and valves.

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		<p>The piping size shall be suitable and material of construction for pipes shall be SS304. All valves shall be located at convenient height for easy operation. All the Cryogenic Valves shall be of reputed make such as Herose/ Mack/ Rego/Bestobell, v. Instrumentation. The tank shall be equipped with a pressure gauge and liquid level differential pressure gauge of reputed make located at convenient height to read liquid level in the tank. Safety The Tank shall be provided with dual safety protection 2 No. Safety Relief Valves and 1 No. Rupture Discs. Cleaning All wetted surfaces shall be thoroughly cleaned for cryogenic service. Painting All the external surface of outer vessel shall be thoroughly cleaned and immediately primer coated. Subsequently the surface shall be painted with two coats of Polyurethane (PU) paint as per specified shade. The outer surface shall also have painted LOGO and other information as per the statutory authority's requirement. Inspection & Testing I. Vacuum Leak tightness of inner, outer vessels and all joints to be tested with Helium Mass Spectrometer Leak Detection system. II. Hydro test as per code for Inner Vessel, III. Static Evaporation Loss Rate test cold spot test Statutory Compliance</p>						

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71		<p>The tank shall be designed and manufactured in compliance with Static and Mobile Pressure Vessel Rules (SMPV Rules) of Chief Controller of Explosives (CCCE), Nagpur. Layout approval and CCCE License as required shall be arranged by supplier. Installation and Commissioning, Installation, testing and commissioning of the complete system shall be the responsibility of the supplier. For the evaporation loss rate test to be carried out at site after installation of the storage tank and distribution header network, the supplier shall arrange required quantity of liquid nitrogen. After successful completion of the testing, remaining quantity of the liquid nitrogen inside the tank shall be handed over to the indenter along with the tank. Necessary civil foundation, fencing with gate etc, shall be provided by supplier. Training Suitable training to the operating person/s for safe operation and maintenance of the tank shall be arranged at plant/site by the supplier. Documentation All documentation as per SMPV Rules shall be provided by supplier. Operation and Maintenance Manual shall be provided. Warranty: 24 months from the date of commissioning</p>	Inox	Inox	IX 35 with 6 Nos of Canisters	30,100.00	31,500.00	National Enterprises	1.1
72	Cryocool Frozen storage container 30-35 liters	<p>Capacity: 30-35 liters of Liquid Nitrogen with static evaporation loss rate of 0.118 liters per day at STP, six canisters with OD 38mm, height 120 mm. The level of liquid nitrogen from bottom should be about 33 cms. The neck diameter should be 20mm. The container is required for storage of FS doses at Veterinary Institutions</p>							

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