



THE UNIVERSITY OF AGRICULTURE, DERA ISMAIL KHAN

TENDER DOCUMENT

Tender Document No. 01/2021

S.No	Item	Specification	Model	Brand/Company	Quantity
1	PREMIUM GERMAN STAINLESS VETERINARY INSTRUMENTS SET, 82 PCS	INCLUDE KELLY FORCEPS MOSQUITO FORCEPS CARMALT TOWEL CLAMP MAYO METENBAUM, MAYO SCISSORS- SPAY PACK SET. • SET INCLUDES: 1 PREMIUM GERMAN GRADE OLSEN HEGAR NEEDLE HOLDER 5.5" (BLUE) 1 PREMIUM GERMAN GRADE OLSEN HEGAR NEEDLE HOLDER 5.5" 1 PREMIUM GERMAN GRADE ALLIS TISSUE 4X5 TEETH 7" 4 PREMIUM GERMAN GRADE BACKHAUS TOWEL CLAMP 3.5" 1 PREMIUM GERMAN GRADE SCALPEL HANDLE #3 1 PREMIUM GERMAN GRADE MOSQUITO HEMOSTAT FORCEPS 5" STRAIGHT 2 PREMIUM GERMAN GRADE MOSQUITO HEMOSTAT FORCEPS 5" CURVED 2 PREMIUM GERMAN GRADE KELLY HEMOSTAT FORCEPS 5" STRAIGHT.	---	CYNAMED BRAND	1
2	EZY DOSE KIDS BABY ORAL SYRINGE & DISPENSER	TRUE EASY DESIGN FOR LIQUID MEDICINE 10 ML/2 TSP COLOR CODED. ITEM DIMENSIONS LXWXH 1.2 X 2.75 X 7 INCHES ITEM WEIGHT 0.05 POUNDS	---	EZY DOSE	1
3	VETERINARY THERMOMETER	POWER SOURCE: BATTERY POWERED NUMBER OF BATTERIES: 1 LR41 BATTERIES REQUIRED. TEMPERATURE: 131 DEGREES FAHRENHEIT	DMT-2032	FEMOMETER	11
4	BINOCULAR COMPOUND MICROSCOPE	AMSCOPE B120C SIEDENTOPF BINOCULAR COMPOUND MICROSCOPE, 40X-2500X MAGNIFICATION, BRIGHTFIELD, LED ILLUMINATION, ABBE	AMSCOPE B120C	AMSCOPE	1

		CONDENSER, DOUBLE-LAYER MECHANICAL STAGE			
5	DIGITAL LED COMPOUND MICROSCOPE	LIGHT SOURCE TYPE: LED ITEM DIMENSIONS: LXWXH - 9.06 X 7.09 X 12.99 INCHES REAL ANGLE OF VIEW: 45 DEGREES MAGNIFICATION: MAXIMUM 2000.00 ITEM WEIGHT: 1 POUNDS	OMAX - MD82ES10	OMAX	1
6	MINI PROJECTOR	HARDWARE INTERFACE: VGA, USB, USB 2.0. MOUNTING TYPE: WALL MOUNT. WATTAGE: 50 WATTS.	LE-203	LIVING ENRICHMENT	1
7	NEWEST DESIGN HUMAN SKELETON MODEL	17.7" HIGH WITH BONES STRUCTURES, WHOLE SPINE AND RIBS OF THE SKELETON MODEL ARE INTEGRATED	---	NEW HORIZON	1
8	ANALYTICAL BALANCE	MATERIAL: STAINLESS STEEL, ACRYLONITRILE BUTADIENE STYRENE ITEM WEIGHT: 4.9 POUNDS WEIGHT LIMIT: 11 POUNDS ITEM DIMENSIONS: LXWXH - 7.1X9.1 X 2.4 INCHES	VEVOR	VEVOR	1
9	TRANSILLUMINATOR, UV	wavelength, 312 nm (only), AC/DC input 220 V AC, 50 Hz	Z363677	Merck	1
10	INCUBATOR	item NO. OBRK-36BS, Volume 36L, Power 0.4KW, Voltage 220V, 50Hz, Temperature range 5°C~60°C, Accuracy 0.1°C, Timing range 1-999min/1-999h, Sheet quantity 2PCS, Liner Size 300x350x350mm, Dimensions 400x470x660mm	OBRK-36BS	OBRK	1
11	GYROMAX Reciprocating Water Bath Shaker (Shaking water bath)	Temperature Range: [RT+5C] to 100C, Volume: 39 L, Speed Range: 10 to 200 oscillations/min	939	Amerex Instruments, Inc.	1
12	High-Speed Refrigerated Microcentrifuge	-20°C to 40°C, 16,500 rpm	Sigma 1-14K	sigma	1
13	Refrigerator	PEL 20 cu ft Arctic Refrigerator	(PRA160)	PEL	1
14	Laboratory Vortex Mixer	Speed Range 0-2500rpm, Run Type: Touch Operation	DL013	Science Lab Supplies	1

15	Protein Electrophoresis Equipment	vertical electrophoresis cell	1658004	BioRad	1
16	Double Beam Spectrophotometer UH5300	Double Beam Spectrophotometer	UH5300	HITACHI	1
17	NanoDrop™ 1000	---	ND-1000 From Thermo Scientific	Thermo Nanodrop	1
18	Elisa Microplate Reader BIOBASE-EL10A 96 well	---	BIOBASE-EL 10A	BIOBASE Invitro Diagnosis	1
19	Z757284 Kern ABT analytical balances	weighing capacity 220 g, AC/DC input 110 - 230 V AC	model 220-4M	Merck	1
20	Glass Water Distillation Unit (Water still)	Glass Water Distillation Unit Distinction Water Still, 240V	1200U64	Techne (Cole-Parmer)	1
21	EIT pH meter PHS-1705	Measuring range: 0-14ph, Power: AC220V ±22V, Temperature range: 0-99°C	PHS-1705	EIT Solutions Co., Ltd	1
22	OPTO-EDU A11.1007-17W 1600x Student Binocular Microscopio Xsz-107bn Biological Microscope	---	A11.1007-17W	OPTO-EDU	1
23	OPTO-EDU A33.1501 3.5" LCD 2.0M digital camera biological microscope	---	A33.1501	OPTO-EDU	1
24	Magnetic Stirrer	---	MGS-1B	Toption	1
25	Plastic body (Torso) male body model	---	---	---	1
26	Plastic body (Torso) female body model	---	---	---	1
27	Human Body Organs Models (plastic made)	Different loose bones. (Long bones, short bones & falt bones) Skeleton -Large size Liver Kidneys Heart Lungs Brain Separable. Eye model Ear model Knee joint Ankle joint Elbow joint	---	---	1 each

		Wrist joint Shoulder joint Larynx model Different anatomical charts (large size) X-Ray viewer			
28	ESR stands with tubes (Wintergreen)	---	PPES 310	DELUXE SCIENTIFIC SURGICO PVT LTD	3
29	Sahli's Hemoglobinometer	---	LE181	GCP Medical ltd	1
30	Stains (Gram , ZN, Leishman & Gimsa's stain)	---	MFCD000816 42	Sigma Aldrich	Two set each
31	Laptop	Intel® Core™ i5-1135G7, 8 GB DDR4-3200 MHz RAM (1 x 8 GB), 256 GB PCIe® NVMe™ SSD, 15.6" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti- glare, 250 nits, Integrated HD webcam, Windows 10 pro	HP Probook 450 G8	HP	5
32	Laptop	Intel® Core™ i7-1185G7 processor and integrated Intel® Iris® Xe Graphics - 1A895AV, 15.6" diagonal LED UWVA Anti- Glare FHD (1920x1080), 400 nits, Integrated HD 720p webcam with dual-microphone array, 16 GB DDR4-3200 PC4 SO- DIMM memory (2 DIMMs) 512 GB PCIe NVMe TLC SSD, Windows 10 pro	HP Probook 450 G8	HP	1
33	Projector	3800 lumens, Projector Screen, Ceiling Stand, VGA Cable 15M, HDMI Cable 15M, Power Cable, Presenter	PT-LB385A 3800 lumens	Panasonic	1
34	Raspberry Pi 4 Desktop Kit	Raspberry Pi 4 Model B (8GB version), Raspberry Pi Keyboard & Mouse, 2 x micro HDMI to Standard HDMI (A/M) 1m Cables, Raspberry Pi 15.3W USB-C Power Supply, Raspberry Pi 4 Case, 16GB NOOBS with Raspberry Pi OS microSD card.	Raspberry Pi 4	Raspberry Pi	1
35	Raspberry Pi High Quality Camera	Camera: Sony IMX477R stacked, back-illuminated sensor, 12.3 megapixels, 7.9 mm sensor	Raspberry Pi High Quality	Raspberry Pi	1

		<p>diagonal, 1.55 µm × 1.55 µm pixel size.</p> <p>Output: RAW12/10/8, COMP8.</p> <p>Back focus: Adjustable (12.5 mm–22.4 mm).</p> <p>Lens standards: C-mount, CS-mount (C-CS adapter included).</p> <p>IR cut filter: Integrated.</p> <p>Ribbon cable length: 200 mm.</p> <p>Tripod mount: 1/4"-20.</p>			
36	Printer	Laserjet	Laserjet 135a	HP	2
37	Augor (Soil Sampling)	<p>Material: 304 stainless steel</p> <p>With Scale: Yes</p> <p>Length:1M (optional:0.5-1M)</p> <p>External Diameter: 50mm(optional:38mm,50mm,70mm,100mm)</p> <p>Auger Length: 25cm</p> <p>Thickness: 3mm</p> <p>Model: QT01 QT02=QT01+soil push part</p> <p>QT03=QT01+beating head</p> <p>Pedal: Optional (not in standard)</p>	---	---	1
38	Insect Growth Chamber	<p>Capacity: 450 Litres</p> <p>Temperature Range: Adjustable from 10°C to 65°C+10°C to 65°C with lights ON & 4°C to 65°C with lights OFF</p> <p>Temp. Cont 0.1°C</p> <p>Temp. Stability: ±2°C</p> <p>Humidity Range: ±50 ~ 90% RH</p> <p>Humidity Stability: ±5% ~ 7%</p> <p>Lighting Intensity: 0 ~ 20000 Lux</p> <p>Illumination Control 1</p> <p>Luminance six levels, relative humidity control</p> <p>Ambient Temp: 5 ~ 35°C</p> <p>Power Consumption: 2100 W</p> <p>Display: LCD Digital Readout</p> <p>Temperature Controller: 30 steps program temperature controller, which can set Different temperature with different radiation and temperature.</p> <p>Alarm: Over temperature alarm</p> <p>Air Treatment: Special Airflow structure, Soft airflow velocity</p> <p>Refrigerant Gas CFC Free</p>	BJPX-A450	<p>Biobase model</p> <p>Make/Origin: BIOBASE BIODUSTRY CO., LTD., CHINA</p>	1

		Exterior White Painted Steel Compressor: Hermetically sealed Compressor Shelves 4 Nos Steel Shelves Dimensions: 101 x 78 x 186 cm Make/Origin: BIOBASE BIODUSTRY CO.,LTD., CHINA			
39	Insect Light Traps	Rechargeable Battery, with charger (for light Trap)	RI-74-19	Rescholar Equipments	5
40	Pheromone Traps Multi funnel Trap & insect pheromone trap for tree insect control	Sizes(cm) Height: 71.6cm Up diameter:30.6cm Low diameter:10cm Target Object: Mass trapping Bactrocera cucurbitae (Melcon fly), Bactrocera dorsalis (Oriental fruit fly), etc.	Multi funnel trap	South Perfect Biotech. (SP)	5
41	Digital Grain Moisture Meter	Digital Grain Moisture Meter Wheat,Corn,Beans,Rice,Oats 6 kinds tester	TK100G	Wonderfullife.DIY	1
42	Spad Meter (Measuring Chlorophyll Contents in Plants)	Item Weight: 1.21 pounds Item model number: SPAD- 502Plus Material: Plastic	SPAD-502 Plus	Manufacturer: Friday Part	1
43	Altimeter	Round, dial type, range 0-5000 meters.	General Equipment	Rescholar Equipments	1
44	Digital Biological Microscope	370*260*465mm, 300*230*200mm(LCD display), 5.0 Mega Pixels CMOS Chip, Finite Optical System, Eye Piece WF10X/18.	DM-125	BIOBASE	1
45	Incubator	Temperature Range: RT+5~80 °C. Capacity: 30L Shelves: 3 pcs/adjustable Consumption: 150W	BJPX-H30II	BIOBASE	1
46	Digital Microscope With 32GB SD Card 1200X, 1080P Video Microscope with Metal Stand, 12MP Ultra- Precise Focusing, LED Fill Lights, PC View, Windows/Mac OS Compatible.	LCD Screen Size: 7.0 Inch Resolution: 1080P FHD Magnification: 50X-1200X SD Card: 32GB Battery: 2000mAh 18650 lithium battery Item Dimensions: 9.45 x 8.19 x 3.23 inches Item Weight: 1.76 pounds Support System: Windows 7/8/10 and Mac OS 10.13 and above.	TM-DM9	TOMLOV	1

47	Insect Collection Aspirator	5.98 x 4.45 x 1.26 inches; 2.4 Ounces	---	---	5
48	Compound microscope	Compound microscope (with eye pieces and objectives, etc. complete) OMAX 40X-2000X LED Binocular Compound Lab Microscope w/ Double Layer Mechanical Stage + Blank Slides, Cover Slips, & Lens Cleaning Paper, M82ES-SC100-LP100	FBA_4331885 897	OMAX	10
49	Compound microscope	Compound microscope (with eye pieces and objectives, etc. complete) OMAX 40X-2000X LED Binocular Compound Lab Microscope w/ Double Layer Mechanical Stage + Blank Slides, Cover Slips, & Lens Cleaning Paper, M82ES-SC100-LP100	FBA_4331885 897	OMAX	1
50	Haemocytometer	Haemocytometers sets LW Scientific CTL-HEMM-GLDR Hemacytometer, Neubauer Bright Line, Double-Counting Chamber	CTL-HEMM-GLDR	LW Scientific	1
51	Haemoglobinometer	Haemoglobinometer- (Sahlis) HEMO METER (SAHLI METHOD) SUPERIOR QUALITY	LE181	GCP Medical Ltd	1
52	Micro-hematocrit	Soiw Electric Lab Benchtop Centrifuge, Low-Speed 4000rpm Speed Control Centrifuge Machine 6 Tubes x 20ml with Timer 0-60min	---	Soiw	1
53	Centrifuge machines	TGL-16A medical lab 10000rpm laboratory centrifuge	TGL-16A	xiangtian	1
54	Wintrobessets.	Wintrobe Glass Tube Pack of 10 by mLabs	Wintrobe_39	mlabs	1
55	Colorimeter	Colorimeter (Digital Photo Colorimeter)	LJ-312	Lab Junction	2
56	Kymograph	with accessories and plotter (Machine)	Ajanta-1018	Ajanta	2
57	Spiro meter	(Vital meter) Digital Peak Flow Meter Spirometer Asthma for Adult Kids Portable PEF Forced Expiratory Volume FEV1 Home Medical	B088R59HMQ	Sonmol	2

58	Stethoscope	Ever Ready First Aid Dual Head Stethoscope - Black	143200	Ever Ready First Aid	2
59	Catheters (solstice)	2-Way Latex Foley Catheter Female Type	2-Way female	Well Lead	2
60	Physiograph (complete set).	Student Physiograph	PHYSIO1	Orchid Scientific	2
61	Electrocardiogram (portable)	Portable ECG Monitor, For Clinical	PM10	Welcome Enterprises	2
62	Spectrophotometer UV VIS Spectrophotometer, Single Beam,	Flame photometers 7- inch color touch- screen . Direct concentration display (Don't cover FP-I640) Automatic calculation of correlation coefficient (Don't cover FP-I640) Pre-selection of flame sizes Flameout protection device Measuring range changing Concentration units selectable Multilingual user interface Air compressor provide	SP-HUV2	Bioevokepeak	2
63	Common Balance (electronic)	Portable Balance CR221 AM, White	CR221	Ohaus	2
64	Mono pan digital balance	SPECIFICATIONS Capacity: 600 g Max Weight to Start: 0.05 g Min Readability (d) / Graduation: 0.01 g Divisions: 60,000d Accuracy: ±1d Units: g, ct, tl, lb, oz Operation Environment: 5-35°C (41-95°F) indoor Item Size / Weight: 220x165x120 mm (8.5x6.4x4.7 in) / 578 g (1.3 lb) Weighing Pan: Ø120 mm (4.7 in) Materials: ABS, stainless steel Power: 2 AAA battery or DC6V	B07PJGYV6K	Libra Measurement	1
65	Roth Benedict respirometer.	HealthAndYoga(TM) Deep Breathing Exerciser - Breath Exercise Measurement System	SG523130993	SoulGenie	2
66	Nerve muscle preparation apparatus	Nerve muscle preparation apparatus	NERM-01	Orchid Scientific & Innovative India Pvt. Ltd.	2

67	Distillation apparatus	Glass Water Distillation Unit Distinction Water Still, 240V	1200U64	Techne (Cole-Parmer)	2
68	Transilluminator, UV	Wavelength, 312 nm (only), AC/DC input 220 V AC, 50 Hz	Z363677	Merck	1
69	INCUBATOR	Item No.: OBRK-36BS Volume: 36L Power: 0.4KW Voltage: 220V,50Hz Temperature range: 5°C~60°C Accuracy: 0.1°C Timing range: 1-999min/1-999h Sheet quantity: 2PCS Liner Size: 300x350x350mm Dimensions: 400x470x660mm	OBRK-36BS	OBRK	2
70	GYROMAX	Reciprocating Water Bath Shaker (Shaking water bath) Temperature Range: [RT+5C] to 100C Volume: 39 L Speed Range: 10 to 200 oscillations/min	939	Amerex Instruments, Inc.	1
71	High-Speed Refrigerated	Microcentrifuge Swing-out rotor 15,000 rpm 16,099 x g Fixed-angle rotor 24 x 2 ml 15,000 rpm 16,602 x g	Sigma 1-14K	sigma	1
72	Refrigerator	PEL 20 cu ft Arctic Refrigerator	(PRA160)	PEL	1
73	Laboratory Vortex Mixer	MX-S Vortex Mixer 0-2500 RPM Variable Speed Speed Range 0-2500rpm Run Type: Touch Operation	DL013	Science Lab Supplies	
74	Mini-PROTEAN® Tetra Vertical Electrophoresis Cell for Mini Precast Gels, 4-gel	Vertical electrophoresis cell.	1658004	BioRad	1
75	Double Beam Spectrophotometer	Double Beam Spectrophotometer	UH5300	HITACHI	1
76	NanoDrop™ 1000	NanoDrop™ 1000	ND-1000 From Thermo Scientific	Thermo Nanodrop	1

77	Elisa Microplate Reader	BIOBASE-EL10A 96 well	BIOBASE-EL 10A	BIOBASE Invitro Diagnosis	1
78	Kern ABT analytical balances	Weighing capacity 220 g, AC/DC input 110 - 230 V AC	Model 220- 4M, Z757284	Merck	1
79	Distinction Water Stills	Glass Water Distillation Unit Distinction Water Still, 240V	1200U64	Techne (Cole- Parmer)	1
80	EIT pH meter	Measuring range: 0-14ph Power: AC220V \pm 22V Temperature range: 0-99°C	PHS-1705	EIT Solutions Co., Ltd	1
81	Binocular Microscope	1600x Student Binocular Microscopio Xsz-107bn Biological Microscope	A11.1007- 17W	OPTO-EDU	1
82	Digital camera biological microscope	3.5" LCD 2.0M digital camera biological microscope	A33.1501	OPTO-EDU	1
83	Hot Plate Magnetic Stirrer	Mini Capacity 10L Glass Ceramic Plate LED Hot Plate Magnetic Stirrer Ms7-H550-S	Ms7-H550-S	Toption	1
84	ESR stands with tubes (Wintergreen)	with tubes (Wintergreen)	Model No : PPES 310	DELUXE SCIENTIFIC SURGICO PVT LTD	2
85	Sahli's Hemoglobinometer	Sahli's Hemoglobinometer	LE181	GCP Medical Ltd	4

Director Finance

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