



दमक नगरपालिका नगर कार्यपालिकाको कार्यालय



प.सं.: ०८९/८२

च.नं.:



☎: ०२३-५९७०००

मिति: २०८११/१२/१४

श्री सम्पूर्ण सुचिकृत फर्महरु।

बिषय: दररेट पेश गर्ने सम्बन्धमा।

उपरोक्त सम्बन्धमा दमक नगरपालिका पशुपंछी विकास शाखाको सशर्त तर्फका वार्षिक स्वीकृत कार्यक्रम अनुसार आधारभूत प्रयोगशाला कार्यक्रम संचालनको लागि आवश्यक सामग्री सार्वजनिक खरिद नियमावली २०६४ को नियम ८५ बमोजिम खरिद गर्नुपर्ने भएकोले तपशिल बमोजिमको सामग्रीको दररेट सूचना प्रकाशित भएको मितिले सात (७) दिन दिन भित्र उपलब्ध गराईदिनु हुन अनुरोध गरिन्छ।

तपशिल:

Fecal examination chemical and equipments

गणेशराज कार्की
प्रमुख प्रशासकीय अधिकृत

S.N.	Particular	Specification	QTY	Unit	Rate
1.	Beaker glass 100ml	Borocillicate,glass,100 ml capacity	4	pcs	
2.	Beaker glass 500ml	Borocillicate,glass,500 ml capacity	5	pcs	
3.	Filter paper (no.2)	whattman grade 2 qualitative filter papers.	5	pcs	
4.	Formalin 1lit	formaldehyde formalin 37% - 41%.	3	bot	
5.	Funnel 2" (glass)	2"diameter, heavy wall, borosilicate glass, high resistance to chemical attack.	2	pcs	
6.	Animal fecal materials stirrer rod	transparent,completely vitrified product	5	pcs	
7.	measuring cylinder glass 1000ml	1000ml capacity, 1ml readability,borocillicate made glass	2	pcs	
8.	Fecal egg coloring reagent (methylene blue)	dark blue crystalline powder,minimum 82% dry content	5	bot	
9.	Mortar and pestel (1)	made of ceramic ,minimum 6 inch diameter top	2	pcs	
10.	Petridish glass 100*15 mm	90*15 mm size, borocillicate glass made	10	pcs	

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11.	Pipette 10ml	graduation tube,glass made, slender shape	2	pcs	
12.	Fecal collecting forecep 8"	stainless steel made ,6 inch length	2	pcs	
13.	Animal fecal sampling bottle	sterile, separate packing, 30ml capacity	100	pcs	
14.	Spatula	ss 6 inch length	2	pcs	
15.	Flex of eggs of internal parasites of animals	nematode ,trematode and cestode chart 5*3 ft	2	pcs	

Animal blood examination chemical and equipments

1.	Autoclave drum	9*9,ss seamless,stainless steel	2	pcs	
2.	Aluminium foil	thickness minimum 0.08 mm	2	pcs	
3.	veterinary apron large	white full cotton with two side pockets and knee length.	5	pcs	
4.	Blotting paper no.1-100 mm	no.1-110 mm	2	pcs	
5.	Animal blood collecting vial (non-coagulating vil)	k2 or k3 ethylene diarnine tetra acetic acid, vaccum vial.	50	pcs	
6.	Examination gloves lifeline (m)	100 pcs per box, at least 5gm per piece, non sterile, below 10gm/dm2 powder.	2	pkt	
7.	Animal blood collecting vial serum (coagulating vial)9.6	4ml capacity,gel activator, vacuum vial	50	pcs	
8.	Test tube 12*100 mm (7ml)	7ml capacity, borocilicate made glass	50	pcs	
9.	Test tube cleaning brush (large)	12mm length, nylon and ss made, galvanized steel wire handle	2	pcs	
10.	Test tube holder	approximately 7.5" in length with 4.5 and 3.75" sides	2	pcs	
11.	Test tube stand 12 mm (plastic)	3 tier design with convenient spaces, molded in polypropylene, fulluautoclavable, size compatible for 25 mm diameter test tubes or vials , balanced botton to avoid risk of falling.	2	pcs	
12.	Cryo vial 2ml sterile	1.8ml sterile star foot, 12 mm diameter outer	10	pcs	
13.	Alumunium First aid box	Alumunium Made 35*20*22	1	pcs	


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14.	Veterinary surgical set for small animal	ss made foreceps,scissors,bphandle,blade, suturing needle,threadetc	2	set	
15.	Veterinary surgical set with Ruminotomy set large animal	including.. ss made foreceps,scissors,bphandle,blade,suturingneedle ,thread etc. 1*Frame: H245mm*W 170mm. 2*Vulsellum forceps: 10"inch 8*Fixation Hooks (80mmlength) full ss	2	set	
16.	Biohazaed bag autoclavable	60 microns thickness, Black and white, 14"* 20" in size	2	pcs	
17.	Biohazaed bag autoclavable	61 microns thickness, Black and white, 14"* 20" in size	1	pcs	

Animal skin examination chemical and equipments

1.	Coverslip	22*22 mm size	5	pkt	
2.	Dropper plastic	plastic made ,10ml capacity	5	pcs	
3.	Dropper plastic	plastic made , 3ml capacity	50	pcs	
4.	Potassium hydroxide pellets (koh) 500g sq 26705	500 gm	1	pcs	
5.	Animal skin scrapper handle 4"	ss, no.	2	pcs	
6.	Animal skin scrapper blade	no.21	2	pkt	
7.	Scissor straight 6"	stainless steel made,6 inch length	5	pcs	
8.	Veterinary hair trimmer	codoskp 3000/philips	2	pcs	


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Mastitis examination chemical and equipments

1.	CMT reagents 500ml weizur test	500 ml plastic jar, ready in use	2	pcs	
2.	Teat dip cup - non-returnable	use to cleaning and disinfecting the cow teats capacity-300ml outer diameter 65mm weight 100gm-non returnable	5	pcs	
3.	Teat dip solution -2 ltr jar	Ltr(1 ltr soln A +soln B)	5	set	
4.	Teat tumor extractor	3 ring	2	pcs	
5.	Teat tumor opener	1 ring	2	pcs	
6.	Mac master slide	egg per gram sensitivity 25 epg, grid size 1cm*1cm, 0.15 ml volume under grid, acrylic material made, 2.3 cm*7.6 cm size.	1	pcs	
7.	Balance digital	laboratory, 0.1 to 500 gm	1	pcs	
8.	Microscopic slide	75*25*1 mm size, glass made	20	box	

S.N.	Particular	Specification	QT Y	Unit	Rate
1.	Hot Air Oven	Attached below	1	Pcs	
2.	Digital Centrifuse (8 tube capacity)	Attached below	1	Pcs	
3.	Microscope	Attached below	1	Pcs	
4.	Autoclave	Attached below	1	pcs	
	Total Amount incl. VAT				


डा. अनिल प्रताप सिंह
 पशु चिकित्सक (अधिकृत वृद्धी)

Technical Specification of Binocular Microscope




S.N.	Hospital Proposed Specification
	Binocular Microscope
	Manufacturer :
	Brand :
	Model :
	Country of Origin :
1	Description of Function A Microscope fitted with double eyepieces for vision with both eyes is a Binocular Microscope. Compound microscope consists of two or more than two magnifying lenses. One can view individual cells, even living ones. It shall have high magnification.
2	Operational Requirements System complete with illumination system required.
3	System Configuration Binocular microscope (LED) with complete accessories.
4	Technical Specification
	Type <ul style="list-style-type: none"> Upright compound microscope with Koehler Illumination
	LED illumination <ul style="list-style-type: none"> Light source should be 0.5/3/20W LED light with minimum 20000 hours life The system must have a build in transmitted illumination system.
	Optical System: <ul style="list-style-type: none"> Infinity optical system All optical parts including objectives, eye pieces and prisms must have anti-reflective coating which also gives anti-fungal property.
	Eyepiece <ul style="list-style-type: none"> Paired, high quality, have a minimum field number of 20. Diopter adjustment must be present on on/both eye pieces or on the eye piece tube.
	Nose Piece: <ul style="list-style-type: none"> Fixed quadruple nose-piece for 4 objectives

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	<p>Objectives</p> <ul style="list-style-type: none"> • With High quality objectives of the Plan-Achromatic class: Plan-Achromatic 4x/0.10 Plan-Achromatic 10x/0.25 plan- Achromatic 40x/0.65 Plan-Achromatic 100x/1.25 Oil, WD=0.13mm • Making for the Objectives: Each objective must be engraved with the following information: <ul style="list-style-type: none"> - Name of the manufacturer - Magnification and numerical aperture, for example, 10x/0.25
	<p>100x objective must be engraved with the word 'Oil"</p>
	<p>Condenser</p> <ul style="list-style-type: none"> • Abbe-type condenser, numerical aperture (N.A) 1.25 focusable with rack and pinion arrangement incorporating a spherical lens and an iris-diaphragm
	<p>Viewing Tube</p> <ul style="list-style-type: none"> • Viewing with 30° angle and field of view min 20mm • With Interpupillary Distance continuously variable from 48 to 75 mm by asymmetric folding of the binocular part
	<p>Stage</p> <ul style="list-style-type: none"> • Aluminum die cast stable body with coaxial focus adjustment. • Mechanical reckless stage with Long-lived stage surface With well-readable vernier and robust controls • Wire movement mechanical fixed stage. Travelling range: 76mmx30mmx, Specimen holder, specimen position scale. • Co-axial course and find focusing knobs capable of smooth fine focusing movement over the full range of coarse travel. Built in security slot and focus lock should be provided.
5.	<p>Accessories, spares and consumables</p>
	<p>All standard accessories, consumables if any and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).</p>
6.	<p>Operating Environment The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include PowerSupply, Climate, Temperature, Humidity, etc.</p>
	<p>Power supply: 220-240V/ 50 Hz AC Single phase fitted with appropriate plug to meet purchaser's country requirements. The power cable must be minimum 3 meters long.</p>
7	<p>Standard and Safety Requirements</p>


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	Must submit ISO13485:2016/AC:2007 for Medical Devices AND
	CE (98/79/EC directives) or USFDA approved certificate.
8	User Training
	The Supplier shall conduct onsite user training for this equipment to enable operators to use the equipment properly. The training shall include the use of all operational functions of the equipment, as well as routine checks and maintenance expected by users.
9	Warranty
	Comprehensive warranty for 2 years after installation, from Manufacturer.
10	Maintenance Service During Warranty Period
	During the warranty period supplier must ensure planned preventive maintenance (PPM) along with corrective/breakdown maintenance whenever required.
11	Installation and Commissioning
	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.
12	Documentation
12.2	User (Operating) manual in English
12.3	Service (Technical/Maintenance) manual in English

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Technical Specification of Autoclave

Purchaser's Specifications		Bidders Remarks	
S.N.	Manufacturer	Yes/No	Page No in Catalogue Remarks
	Brand		
	Type/Model		
	Country of Origin		
1	Description of Function		
1.1	Autoclave is a device used to sterilize the different surgical equipment.		
2	Operational Requirements		
2.1	Portable, Electric, Pressure cooker Type		
3	System Configuration		
3.1	Autoclave complete unit with all standard accessories.		
4	Technical Specifications		
4.1	Capacity of the autoclave must be more than 20 ltrs with lid Suitable for Dressing/ Sterilizing Drum		
4.3	The material must be Seamless aluminum /SS with mirror finish, top loading with high quality rubber gasket		
4.4	The sterilizing temperature must be 121°C -125 °C		
4.5	The operating pressure must be 15-20 psi.		
4.6	The autoclave must be supplied with two stage over pressure protection system incorporating a calibrated continuous bleeding pressure stopcock and pressure release weight valve.		
4.7	The pressure gauge must be Color coded pressure gauge showing internal chamber conditions during the cycle. Sterilization zone in green color is shown from 15psi to 20psi (OR 1.034bar to 1.378 bar) which is equivalent to temperature of 121°C to 127°C.		
4.8	The dial size must be 2.5" measurement in 2 units: i) kg/cm ² ii) lb/inch ² Full scale dial of pressure gauge is 0-30lb/inch ² or 0-2 kg/cm ² . Caution zone in red color.		
4.9	The instruction/ Operational manual must be Pasted on the exterior of the autoclave with heat resistance paper.		
5	Accessories, spares and consumables		
5.1	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer).		
5.2	Accessories: Outer stand to place the autoclave and tripod stand to place the product inside the autoclave.		
6	Operating Environment		

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6.1	The system offered shall be designed to store and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.		
6.2	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. Load 1/2KW with high-quality heating element for longer life.		
7	Standards and Safety Requirements		
7.1	Must submit ISO 9001 or ISO13485		
7.2	Must submit CE Certificates.		
8	Warranty		
8.1	Comprehensive warranty for 1 year after acceptance.		
9	Maintenance Service during Warranty Period		
9.1	During warranty period supplier must ensure corrective/breakdown maintenance whenever required.		
10	Installation and Commissioning		
10.1	Ready to use preassembled unit.		
11	Documentation		
11.1	User (Operating and maintenance) manual in English.		

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Technical Specification for: Digital Centrifuge

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
		Yes/No	Page No. in Catalogue	Remarks
	Item Name: Digital Centrifuge(8 tubes capacity)			
	Manufacturer			
	Brand			
	Type / Model			
	Country of Origin			
1	Description of Function			
	Centrifuges are required in the Laboratory to separate various components of Blood, Urine and any other liquid sample for			
2	Operational Requirements			
	A Table top version Centrifuge Machine with aerodynamic compact construction for vibration free performance			
3	System Configuration			
	Centrifuge complete with basic rotors and suitable tube			
4	Technical Specifications			
A	Tube Capacity: 8 tubes capacity,			
B	Automatic locking system of the lid			
C	Speed Range: Approx. 3,500 RPM			
E	Imbalance detection system with automatic functioning stop to avoid accidents			
F	Digital adjustment of acceleration and deceleration levels			
5	Accessories, spares and consumables			
A	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in			
B	Must supply reduction adaptors for small tube sizes.			
6	Operating Environment			
A	The system offered shall be designed to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature,			
B	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.			
7	Standards and Safety Requirements			
A	Must submit ISO 9001 or ISO 13485 for Medical Devices			
B	CE or FDA approved product certificate.			
8	User/Technician Training			
	Must provide user/technician training (including how to use and maintain the equipment).			
9	Warranty (Written Document)			
A	Comprehensive warranty for 2 years from acceptance.			
B	During the warranty period supplier must ensure planned preventive maintenance (PPM) and corrective/breakdown maintenance whenever required. PM must be performed bi-annually and broken spares will me replaced FOC within the			
11	Installation and Commissioning			
	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the			
12	Documentation			
A	User (Operating) manual in English			
B	Service (Technical / Maintenance) manual in English			



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Technical Specification for: Hot Air Oven

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
		Yes/No	Page No. in Catalogue	Remarks
	Item Name: Hot Air Oven			
	Manufacturer			
	Brand			
	Type / Model			
	Country of Origin			
1	Description of Function			
	Hot Air Oven is required for heating a sample under controlled conditions.			
2	Operational Requirements			
	Microprocessor based system with PID-temperature controller with integrated auto diagnostic system with fault indicator.			
3	System Configuration			
	Microprocessor based Hot Air Oven, complete unit with all standard accessories.			
4	Technical Specifications			
A	External: Stainless Steel Casing: Approx. 600 x 600 x 600 mm, insulated stainless steel door with locking and rear zinc-plated steel.			
B	Interior: Approx. 400mm x 400mm x 400mm. Easy to clean, interior made of stainless steel, with supports on the three sides for minimum three adjustable perforated stainless steel shelves.			
C	Forced air circulation by quiet air turbine/Fan to ensure uniform temperature.			
D	Fitted with load indicator and safety thermostat take over indicator lamp. LCD/LED indicator.			
E	Temperature Variation +/- 1 °C.			
F	Temperature Range- ambient to 250 °C.			
5	Accessories, spares and consumables			
A	All standard accessories/consumables/parts required for the proper operation of the above item shall be included in the offer. Bidders shall specify, in a separate Excel worksheet, the quantity and details of any items included in this offer which have not been specified in this Technical Specifications Form.			
6	Operating Environment			
A	The system offered must be designed to store and be operated normally under the condition of the purchaser's Country. The conditions include Power supply, Climate, temperature and relative humidity.			
B	Power supply: 220-240V/ 50 Hz AC Single phase fitted with appropriate plugs. The power cable must be at least 3 metres long.			
7	Standards and Safety Requirements			
A	Must submit ISO 9001 or ISO 13485:2003/AC: 2007 AND			
B	CE or USFDA approved product certificate.			
8	User/Technician Training			
	User/technician training must be provided onsite			
9	Warranty			
	Comprehensive warranty for 2 years after acceptance.			
10	Maintenance Service During Warranty Period			
	During warranty period supplier must ensure preventive maintenance & corrective/breakdown maintenance whenever required.			
11	Installation and Commissioning			
	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.			
12	Documentation			
A	User (Operating) manual in English.			
B	Service (Technical / Maintenance) manual in English.			



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