

Purchasing of Research Requirements- Pasture research Division - (2026)

Chemicals,reagents,media,glassware

Se. No.	Item	Specification	Pack size	Qty	Bidder response		If "No" bidder specification
					Yes	No	
1	0.1 N Sodium hydroxide titration cartridge	HACH	1				
2	0.1N Sulfuric acid Titration cartridge	HACH	1				
3	PH 4.01 buffer solution		500ml*1				
4	PH 7.01 buffer solution		500ml*1				
5	PH 10.01 buffer solution		500ml*1				
6	Sodium hydroxide	pellets	500g*30				
7	Conc Ammonia solution		500ml*1				
8	0.1N Sulfuric acid standard solution		1l*20				
9	Kheldhal Catalyst tablets-Selenium		1000 tablets packs-2				
10	Fat extraction cups for soxtec extraction unit	Aluminium part no 1000 1462	12				
11	Thimble adapters for soxtec extration unit	part no 1000 1486	12				

Laboratory Consumables

Se. No	Item	Specification	Pack size	Qty	Bidder response		If "No" bidder specification
					Yes	No	
1	Ziplog bags	medium	100				
2	Cellulose thimbles	diameter 26mm,length 60mm	250				
3	Disposable headcovers		100				
4	Silica gel		3kg				
5	Weigh boats	plastic 8cm*8cm	100				
6	Tissue rolls		200				
7	Glove (Medium)	cotton	50				

Equipments

Serial No	Equipment	Specifications	Quantity	Bidder Response	If "No" Bidder Specification

1	Vortex mixer	Should be able to function on the hospital base socket with power supply of 230V+-10%50Hz	1			
		Maximum speed - 3000rpm				
		Should be able to function with touch operation or continuous operation modes				
		Should be able to use for various mixing applications with optional adapters				
		Should include with specially designed vacuum suction feed for body stability				
		Exterior construction should be made from the robust aluminum cast material				
		Shaking mode should be Orbital& the rotating diameter should not less than 4mm				
		Motor type should be shaded pole motor with input power of 58W &Output power of 10W				
		Should be included with standard top to be use with <-30mmtest tubes &small vessels				
		The quotation shall include separately the costs of the fast moving spares sufficient for two years of operation				
		The unit shall be supplied with instruction & service manuals in English				
		The equipment shall be warranted for period of not less than 12 calendar months from the date of successful commissioning on a full parts & labor replacement basis. The tenderer shall specify in detail the servicing & repair facilities & means available to them.				
		Bidders must provide documentary evidence on their technical capacity (trained staff, testing equipment for calibration & maintenance support as per manufacturer service/technical manuals).				

2	Laboratory tables	<p>Material-Chemical & heat resistant Epoxy resin</p> <p>Size-6'*3.5'</p> <p>Thickness-19 mm or more</p> <p>Color-Pure white</p> <p>Properties (Similar to following standards)-Test method-S.I</p> <p>1.Compressive strength-136.5MPa</p> <p>2.Flexural strength-55.1MPa</p> <p>3.Heat distortion temperature-200°C</p> <p>4.Rock well "M" Hardness-90</p> <p>5.Fire resistance -Self extinguishing</p> <p>6.Water absorbtion-0.022%</p> <p>7.Density-1.95g/cm3</p> <p>Testing-Chemical resistant test to ASTM D3023 &ASTM C 1376</p> <p>Chemical resistivity-No detectable change in the material surface for alcohols</p> <p>Laboratory table structure</p> <p>Material-304 stainless steel</p> <p>Stainless steel thickness-~2 mm</p> <p>Coating-Should be Epoxy power coated</p> <p>Epoxy coated thickness-70 microns or better</p> <p>Adjustable levelling feet-Should be available</p> <p>Plug points (13 A. square pin, 4 Nos. including wiring)</p> <p>Two shelves-one at ~450mm& another at ~800-850mm above the bench surface.</p> <p>Shelves Epoxy-coated steel phenolic resin, or glass</p> <p>Under Bench Cabinets on both sides(2' length)</p> <p>Sheet material-Polypropylene or PVC +2k paints</p>	2			
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	Door open-Should be more 180 degrees			
	Thickness-12mm or better			
	Handles &Connecting items-316 stainless steel			
	Locks-should be available 316 stainless steel			
	Laboratory stool-Chromium plated-4			