

Name of the Division: Vaccine Production Centre

Project Name : Production of Compatible and High Quality Animal Vaccine Locally for Substitution of Vaccines Imported

**Laboratory Equipments- 2026**

Serial No	Name of the Item	Specifications	Quantity Required	Bidder's response		If "No", bidder's specification
				Yes	No	
1	Laboratory Self-Refilling syringes with holder 	handler volume : from 0.1 to 1 ml	3			
		Fully Autoclavable				
		Automatic filling and shot by shot dispensing through needle or cannula and necessary needle or canula need to be provided				
		fast and reliable volume setting				
		Dispensing needle should be removable				
		despensing edge ( valve ) should be suitable to replace any disposable syringe needles				
		Accuracy $\pm 1\%$				
		Graduation 0.05ml				
		Feed tubing : Silicone				
		Plunger : Stainless steel				
		Detachable 3-way valve body : Stainless steel				
		Valve spring and balls - stainless steel				
		Sinker and aspiration cannula - Nickle/ chrome plated brass				
Warranty - minimum 1 Year						
2	Thermometer- Mercury free	Laboratory use	4			
		<b>Temerature Range : <math>-10\text{ }^{\circ}\text{C}</math> to <math>+250\text{ }^{\circ}\text{C}</math></b>				
		<b>Accuracy <math>\pm 0.1\text{ }^{\circ}\text{C}</math></b>				
		Temperature Divisions : $1\text{ }^{\circ}\text{C}$				
		Glass and mercury free				

**Chemicals/Reagents/Media- 2026**

Serial No	Name of the Item	Specifications	Pack size	Qty	Bidder's response		If "No", bidder's specification
					Yes	No	
1	Yeast Extract	Analitical Grade , suitable in preaparing micorobiological culture media for vaccine production, EU & USA products standards or equivalent,minimum one year of shelf life on delivery	500g	5			

2	Cooked meat medium	Analytical grade, dehydrated medium, brown granules, EU and USA products standards or equivalent, minimum one year of shelf life on delivery	500g	10			
3	Di-potassium hydrogen orthophosphate Anhydrous	Analytical grade, EU & USA products standards or equivalents, minimum one year of shelf life on delivery	500g	5			
4	Potassium Dihydrogen Orthophosphate	Analytical grade, EU & USA products standards or equivalents. minimum one year of shelf life on delivery	500g	5			
5	D.glucose anhydrous	Analytical grade, EU & USA products standards or equivalents ,minimum one year of shelf life on delivery	1kg	10			
6	Caseine Hydrolysate (Bacterological)	Analytical grade, Fine, homogeneous,hygroscopic powder, suitable in preparing microbiological culture media for vaccine production, EU & USA product standards or equilants, minimum one year of shelf life on delivery	500g	5			
7	Sodium chloride	Analytical grade, EU & USA products standards or equivalent,minimum one year of shelf life on delivery	1kg	20			
8	L – cystein hydrochloride 1 – hydrate	Analytical grade, Suitable in preparing microbial culture media for vaccine production, EU and USA standared or equilants , minimum one year of shelf life on delivery	100g	10			
9	Anaerobic Catalyst	Packs suitable for anaerobic jar, minimum one year of shelf life on delivery	Each	10			
10	Potassium permanganate (crystal)	40% High Purity, GPR grade & Crystal	250g	5			
11	Tylosin	Analytical grade,cell culture tested.,minimum one year of shelf life on delivery	20ml (8mg/ml)	2			
12	Kanamycin	Analytical grade,cell culture tested. minimum one year of shelf life on delivery	20ml (10mg/ml)	5			
13	Nystatin	Analytical grade,cell culture tested, minimum one year of shelf life on delivery	5Mu (4,400usp units/mg)	3			
14	Penstrep	Analytical grade,cell culture tested, minimum one year of shelf life on delivery	100ml (10,000u/ml) 10,000u pencillin,10 mg streptomycin /ml	6			
15	Hydrogeonperoxide	30%(by weight), GPR grade,dark poly/glass bottle	500ml	3			

**Glassware - 2026**

Serial No	Name of the Item	Specifications	Pack size	Qty	Bidder's response		If "No", bidder's specification
					Yes	No	
1	 Measuring Cylinder	25 ml, Pyrex Glass (made of borosilicate glass 3.3,	Each	5			
		Autoclavable & durable					
		very good chemical resistance					
		minimal thermal expansion					
		high resistance to thermal shocks					
		well legible numbers and graduations ( $\pm 0.5$ )					
		with spout					
		with hexagonal base					
2	10L Narrow Mouth Glass Reagent Bottle	Material: Pyrex Glass	Each	3			
		Graduated					
		Capacity: 10L					
		Mouth: Narrow					
		Mouth Diameter: 6cm					
		Bottom Shape: Flat Bottom					
		Total Height: 40-42cm					
Lid- Glass Lid							
3	50L Narrow Mouth Glass Bottle	Material: Pyrex Glass	Each	2			
		Graduated					
		Capacity: 50L					
		Mouth: Narrow					
		Mouth Diameter: 9cm					
		Bottom Shape: Flat Bottom					
		Total Height: 65cm					
Lid- Glass Lid							

**Laboratory Consumables- 2026**

Serial No	Name of the Item	Specifications	Quantity Required	Bidder's response		If "No", bidder's specification
				Yes	No	
1	Bottle stoppers	Diameter 18mm, rubber stopper, ultra pure, Autoclavable	5,000			
2	Aluminium lids	20mm, Seal type, Centre Disk Tear -out, Natural color , Aluminium scalcap for 200ml plastic bottle( Mouth diameter-18mm)	5,000			
3	Sillicon tube	Hole size 6mm, Wall thickness 2mm	20m			
4	Sillicon tube	Hole size 5mm, Wall thickness 4mm	20m			
5	Sillicon tube	Hole size 25mm, Wall thickness 4mm	20m			
6	Pourings rings for glass media bottle	GL 45, Blue color & Autoclavable	200			
7	Para film tape	Flexible, Stertchable, Moisture eresistant film use for Sealing of laboratary containers., with 4 - 6 cm, Thickness 0.005", Resists temperature for -45 C - 50C	10 feet			