



नेपाल सरकार
कृषि तथा पशुपंछी विकास मन्त्रालय
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना
परियोजना कार्यान्वयन एकाइ, कास्की

Name of equipment: Laminar flow (vertical)

S.N.	Technical Specification of Laminar Flow		Offers by suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
	Descriptions	Office Requirements				
1	General					
	i. make and model	any				
	ii. Country of origin	any				
2	Body					
	Size of body	120×60×60 cm				
	Working area body	Vertical - SS-304 Grade Stainless Steel				
	Side pannel	6mm±0.5mm thick acrylic sheet				
	Front Door	made up of acrylic				
	No. of Blower	2-3 blowers				
3	Working Area					
	Laminar flow cabinet	Illuminated by fluorescent light, Number of LED light-1 or 2				
4	Filters					
	Air Filters	Pre-Filters - down to 5 micron				
		HEPA Filter - down to 0.3 micron Mesh guard for protection of HEPA filter (Class 100)				
5	Power					
		single phase A.C.50 Hz/230V±10V				
	i.Motor	0.25 HP electric motor mounted on anti-vibration pad, RPM- 1200 to 1440				
6	Noise Level	65 decibel ±5%				

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S.N.	Technical Specification of Laminar Flow		Offers by suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
	Descriptions	Office Requirements				
7	Air Flow	Direction - Frontward Horizontally Velocity- 0.35-0.65 m/s				
8	Standard fittings	Mains on/off switch UV Germicidal lamp for sterilization Manometer for Measurement of HEPA Filters Choking system range from 0-50mm Cock for Gas Connection				
9	Optional fittings	LCD display for velocity, time & lamp on/off Extra power outlet switch Foot rest				
10	Catalogue verifying offered specification	Catalogue to be provided				
11	Warranty against any manufacturing defects within one year	At least one year's warrantee				

Name of equipment: Autoclave

S.N.	Technical Specification of Autoclave		Offers by suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
	Descriptions	Office Requirements				
1	General					
	make and model	any				
	Country of origin	any				
2	Body					
	Inner chamber	Vertical shape SS-304 Grade Stainless Steel				
	Shape	Cylindrical				
	Capacity	75 litres-160 litres				

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S.N.	Technical Specification of Autoclave		Offers by suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
	Descriptions	Office Requirements				
4	Voltage	single phase A.C.50 Hz/230V±10V				
5	Standard features	Safety door opening mechanism				
		Pressure Control Switch				
		Water indicator				
		Steam release valve				
6	Optional features	PID temperature controller cum timer with alarm (buzzer)				
		Flow meter and Auto cut device				
		Lower water cut-off				
7	Catalogue verifying offered specification	Catalogue to be provided				
8	Warranty against ny manufacturing defects within one year	At least one year's warrantee				

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परियोजना कार्यान्वयन एकाइ, कास्की
पोखरा, कास्की

Name of equipment: Display cooler

S.N.	Technical Specification of display cooler		Offers by suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
	Descriptions	Office Requirements				
1	General					
	i. make and model	any				
	ii. Country of origin	any				
2	Body					
	Product size	not less than 1450×1100×910 cm				
	Material					
	i.Outer Cabinet	High Grade Steel				
	ii.Inside Cabinet	High Grade Stainless Steel				
	Body Features					
	i.Shelf	Minimum 4 Layers Adjustable Shelves				
3	Refrigeration unit	Air cooling				
	i. Refrigerant	R290/R404a or any CFC free gases				
	ii. Condenser and Evaporator	Copper Tube with Alumunium Fin				
4	Controller					
	i. Temperature Control	Smart thermostat				
	ii. Defrost	Auto or manual Defrost				
	iii. Temperature Range	2-8°C				
	iv.Controller	Manual Digital controller				
5	Power	single phase A.C.50 Hz/230V±10V				
6	Standard features	Night air curtain				
		Fan cooling system				
		LED Light				

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S.N.	Technical Specification of display cooler		Offers by suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
	Descriptions	Office Requirements				
7	Catalogue verifying offered specification	Catalogue to be provided				
8	Warranty against ny manufacturing defects within one year	At least one year's warrantee				

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