

Autoclave (50 L)

No.	Item Specifications	Fill your Specification
1	Description of Function	
1.1	Autoclaves are required for sterilizing an object in high temperature and high pressure steam.	
2	Operational Requirements	
2.1	Microprocessor based electrically heated vertical steam sterilizer	
3	System Configuration	
3.1	Microprocessor based Autoclave (Vertical Model) with complete accessories.	
4	Technical Specifications	
	capacity: approx. 50 L.	
	Vertical type.	
	Stainless steel.	
	Digital controlled temperature and pressure system.	
	Steam sterilization, up to 135° C	
	Digital temperature and pressure gauges.	
	Safety devices : over heat (low water cut-off switch , safety valve and release valve)	
	Automatic controlled sterilization cycle.	
	2 modes sterilization (121°c - 134°c)	
	Exhaust system.	
	Stainless steel basket.	
	Double wall case.	
5	Accessories, spares and consumables	
	Spare heating element- 2 set	
	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.	
6	Operating Environment	
6.1	The product offered shall be designed to be stored and to operate normally under Climate ,Temperature , Power supply , Humidity, etc. for Sudan.	
	Power supply: 220-240V/ 50 Hz AC Single phase with appropriate plug .The power cable must be minimum 3 Meter	
7	Standards and Safety Requirements	
7.1	Must submit ISO 9001 or ISO13485:2003/AC:2007 for Medical Devices AND	
7.2	CE or USFDA approved product certificate.	
	Shall meet IEC 61010-2-040 Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-040: Particular requirements for sterilizers and washer-disinfectors used to treat medical materials.	
8	Warranty	
8.1	Comprehensive warranty for 2 years.	
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	The supplier must accomplish proper commissioning of the item onsite.	
11	Documentation	
11.1	User and/or service manual shall be supplied in English.	
11.2	User (Operating) manual in English	
11.3	Service (Technical / Maintenance) manual in English	
11.4	List of important spare parts and accessories with their part numbers and costing.	
11.5	Certificate of calibration and inspection from factory.	

Colorimeter

No.	Item Specifications	Fill your Specification
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4.1	The examination couch shall be made of a solid steel sheet and plate construction with anti-corrosive and antirust treated epoxy powder coating with upholstered top.	
4.2	All 4 legs of the bed shall be capped with heavy duty rubber footings.	
4.3	Overall size of the table must not be less than 1890mm L x 600mm W x 825mm H	
4.4	Strong Mild steel tubular construction epoxy powder coated treated. The top base of machine pressed double bent Mild steel sheet epoxy powder coated treated finish	
4.5	Gas spring assisted adjustable backrest of approx. size 450mm L x 310mm H with upholstered top.	
4.7	Swinging tray must be attached near headrest for BP apparatus and/or other health checkup minor equipment.	
4.8	The mattress shall be foldable and shall be designed to bend with the positioning of the bed when the backrest of the bed is adjusted.	
4.9	Bidder shall indicate the weight capacity and the total weight of the mattress in kilogram (kg)	
4.10	The mattress shall have mid-firmness, with foam density of approximately 0.55kg/ cubic foot, to avoid that the patient would sink down into foam with antibacterial, antistatic, acid resistance, waterproof and washable vinyl or vinylized nylon cover.	
4.11	The joints must be smooth and neat finish.	
5 Accessories, spares and consumables		
5.1	All standard accessories/consumables/parts required for the proper operation of the above item shall be included in the offer, the quantity and details of any items included in this offer which have not been specified in this Technical Specifications Form.	
6 Operating Environment		
6.1	The product offered shall be designed to be stored and to operate normally under Climate, Temperature, Humidity, etc. for Sudan.	
7 Warranty		
7.1	Comprehensive warranty for 2 years after acceptance.	
8 Maintenance Service During Warranty Period		
8.1	During the warranty period supplier must ensure corrective/breakdown maintenance whenever required.	

4

Examination Screen (Wing)

No.	Specifications	Fill your Specification
1 Description of Function		
1.1	A patient screen is widely used in hospitals when the doctor examines a patient in his private chamber or in the patient's room in the hospitals. The screen can also be used in the operation room or the changing room of the doctors and nurses.	
2 Operational Requirements		
2.1	Epoxy powder coated or Better , three or four fold patient screen.	
3 System Configuration		
3.1	Patient Screen with light blue curtain and fully swivels twin wheel castors.	
4 Technical Specifications		
4.1	Three or four fold ward screen approx. total size 2450 w x 1650 h mm in three or four sections.	
4.2	Mild steel tubular construction with epoxy powder coated or better treated in three or four section 600mm span width at each side and 1210 mm span width in the middle) and mounted on wide spaced legs for each section, and each foot to have two swivel castors size 50mm.	
4.3	To be supplied with hooks, springs and heavy duty curtain, firmly attached at sides, top and bottom. Curtain must have no gaps between sections	
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. Bidders must specify the quantity of every item included in their offer (including items not specified above).	
6 Operating Environment		
6.1	The product offered shall be designed to be stored and to operate normally under the conditions. The conditions include Climate, Temperature, Humidity, etc.	
7 Warranty		
7.1	Comprehensive warranty for 2 years after acceptance.	

5

OBS&GYN Delivery Instrument Set

No.	Item Specifications	Fill your Specification
1 Technical Specifications		
	1 Mixing/solution Bowl Qt 3	
	2 Iodine Cup 6 Oz 3 7/16" X 2"	
	2 Emesis Basin 12 Oz	
	2 Instr Tray 12 1/4x7 3/4x2 1/4"	
	2 Tray Cover For 10-1877	
	2 Roch Ochsner Forceps Straight 1x2 7 ¼	
	2 Spencer Wells Forceps Straight 5"	
	2 Spencer Wells Forceps Straight 8"	
	2 Rampley Sponge Forceps 9 3/4"	
	1 Scalpel Handle #4	
	2 Javerts Placenta Forceps Serrated 91/2	
	1 Umbilical Scissors 4"	
2 Operating Environment		
2.1	The system offered shall be designed to store and to operate normally under the conditions include Climate, Temperature, Humidity, etc. for Sudan	
3 Standards and Safety Requirements		
3.1	Must submit ISO 9001 or ISO 13485:2003/AC:2007 AND	
3.2	CE (93/42 EEC Directives) or USFDA approved product certificate.	
4 User Training		
4.1	Not applicable	
5 Warranty		
5.1	Warranty for 2 years.	
6 Maintenance Service During Warranty Period		
6.1	Standard warranty conditions are applicable.	