

Mortuary

1	Description of Function	Fill your specifications
1.1	Mortuary – to store 9 Cadaverous / bodies with 9 doors.	
	<b>2 Operational Requirements</b>	
2.1	Supply, installation, testing and commissioning of 9 Bodies Mortuary Chamber unit having following specification with -2 to -6 °C storage temperature.	
	<b>3 System Configuration</b>	
3.1	The system consists of:	
	<input type="checkbox"/> Mortuary Chamber-9 Body with 9 Doors.	
	<input type="checkbox"/> CFC free refrigeration system.	
	<input type="checkbox"/> Display.	
	<input type="checkbox"/> Internal Light.	
	<input type="checkbox"/> PUF insulation.	
	<input type="checkbox"/> Each Door contain One piece stainless steel tray with tubular edge and handles, special loading trolley and corrosion free S.S Steel.	
	<input type="checkbox"/> Lifting Trolley.	
	<input type="checkbox"/> Autopsy Table.	
	<b>4 Technical Specifications</b>	
4.1	Inside Dimension: approx.: L-254, W-225, H-275cm	
4.2	Inner Body: 20 SWG 304 quality SS sheet	
	Outer Body: 18 SWG 304 quality SS sheet	
4.3	26 G, Stainless steel exterior front, 24 G exterior pre-painted CRCA sheets, hinged door and	
	locking system, pre-fabricated polyurethane foam (PUF) insulation with thickness of 80-100mm.	
4.4	Condensing Unit:	
	Air Cooled condensing unit of ½ TR capacity on automatic control	
4.5	Refrigerant: 134A	
4.6	Controls in the condensing unit:	
	HP, LP control, solenoid, thermostat	
4.7	Expansion device TXV	
4.8	Insulation:	
	Polyurethane foam(PUF) with thickness of 80-100mm.	
4.9	Number of Doors: 9 Lockable, standard hinged door with double gasket seal between the door and the cabinet Front opening.	
###	Body tray with sliding mechanism made of SS: 9	
4.1	Control Display:	
	Temperature, ON and OFF light indicators, voltmeter	
	<b>Lifting trolley</b>	
	To load corpses in refrigerating chambers, made stainless steel, hydraulic mechanism with manual pump and hydraulic cylinder.	
	Ball bearing sliding.	
	Tube handle for ease of transport.	
	Provided with four wheels of a diameter of 150 mm. <b>Dimensions:</b> 730 x 920/1600 x 2460 mm. (large x width x height-).	
	<b>Technical specifications Autopsy table</b>	
	1. Autopsy table of stainless steel pedestal design mounted to a central support column having one accessdoor.	
	2. Table top: with foldable perforated Top surface with 3/8inches diameter holes	
	3. Table dimensions should be 260 cm X 75cm X 80-90cm	
	4. Carrying capacity: Max.200 Kgs	
	5. Down draft ventilation system with minimum capacity of 1000 cubic meter /h	
	6. Hydroaspirator near the sink for collection and disposal of body fluids	

	7. 2 built in Basins (one with grinder for waste water below the table top and other on the surface of table top.	
	8. 2 meter attached shower hose with hand sprinkler	
	9. 2 attached taps mixing cold and warm water (one manual, other with sensor)	
	10. Separate switches on side of table for power, water, grinder, suction	
	11. Measuring scale on one side of table	
	12. Should conform to ISO standard / CE Certified	
	<b>Accessories with Autopsy table</b>	
	1. One external electric geyser of standard make of cap. 25 lt. for water heating	
	2. One ceiling mounted shadow less light with, double adjustable dome: each dome has 50 cm width and single reflectors. Each reflector should be fitted with halogen bulb of 24V 150W and special filter glass for heat absorbing & color correction.	
	Should have removable handle for maneuverability of dome and for adjusting the focus of working zone.	
	Should be provided with emergency standby bulb, fitted inside the dome with switch over facility. Finish in epoxy powder coated. Supplied with low	
	3. Two foot mounted shadow less lights with single adjustable dome of 50 cm	
	width, single reflectors Fully Balanced Light.	
	Reflector should be fitted with halogen bulb of 24V 150W and special filter glass for heat absorbing & colors correction.	
	Removable handle for maneuverability of the dome and for adjusting the focus of the working zone	
	Provided with emergency standby bulb, fitted inside	
	4. One Instrument trolley fully made of stainless steel having two shelves of size 18x28".	
	5. One organ weighing digital balance of capacity. 10kg, accuracy. 2gm.	
	Platform size 230x300mm	
	6. One cadaver weighing platform with electronic digital weighing scale of cap.	
	200kg and accuracy 50gm. The platform will be hollow square or round pipe	
	structure with a removable stretcher over it. The size of stretcher should be 2ft.x6ft. with stainless steel top and handles for holding it.	
	<b>5 Accessories, spares and consumables</b>	
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).	
	<b>6 Operating Environment</b>	
6.1	The product offered shall be designed to be stored 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: 220-240V/ 50 Hz AC Single phase fitted with appropriate plugs to meet purchaser's country requirements. The power cable must be minimum 3 metres long.	
	<b>7 Standards and Safety Requirements</b>	
7.1	Must submit ISO13485:2003/AC:2007 AND	
7.2	CE or USFDA approved product certificate.	
7.3	Electrical safety conforms to standards for electrical safety IEC 60601-1 (General requirement for Electrical safety of Medical Equipment).	
	<b>8 User Training</b>	
8.1	Must provide user training (including how to use and maintain the equipment).	
	<b>9 Warranty</b>	
9.1	Comprehensive warranty for 2 years after acceptance.	
	<b>10 Maintenance Service During Warranty Period</b>	
10	During the warranty period supplier must ensure planned preventive maintenance (PPM) and corrective/breakdown maintenance whenever required.	
	<b>11 Installation and Commissioning</b>	

11	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.	
<b>12</b>	<b>Documentation</b>	
12	User (Operating) manual in English	
12	Service (Technical / Maintenance) manual in English	
12	List of important spare parts and accessories with their part number and costing.	
12	Certificate of calibration and inspection from factory.	