

ANNEX 01


1. Electric Foldable Patient Lift System

Specification for Patient Lifting Device

Quantity: 1

Features	<ul style="list-style-type: none"> • Fully electrical operation, electrical lifting and leg opening, ideal for positioning the hoist. • A lifting capacity of 150 - 175kg • Lightweight frame & easy to maneuver into the required position for most transfer situations. • Four 75-90mm high quality castors, rear castors include brakes. • All castors are 360° swivel with low friction bearings and spindle. • Compact for easy access through standard minimum 60cm doorways. • Lifting range 55cm to 174cm • Internal leg spacing of 52cm to 96.5cm. • Ergonomic push handles with a variety of comfortable hand positions available • Electrically powered leg opening option. • User-friendly handset. • Has been designed to fold easily, without the need for tools or disassembly. • Can be stored and transported vertically. • Four-point spreader bar as standard with secure hooks for sling application. • Low chassis height of 9.5cm facilitates access under most beds, and other furniture to ensure user flexibility. • Battery can be charged on or off the hoist. • Emergency stop and manual lowering function. • Minimum 40-50 Cycles with Full Charge Battery
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<p>Technical Specifications</p>	<ul style="list-style-type: none"> • Width between legs min: 52cm • Width between legs max: 96.5cm • Turning radius (closed legs): 142cm • Wheelbase weight: 16.4kg • Weight of mast and boom, excluding spreader bar: 20kg • Total weight with 4-point spreader bar: 38.7kg • Lifting Range: 55cm - 174cm • Weight Capacity (Patient & Sling): 150-175kg
<p>Unfolded Dimensions:</p>	<ul style="list-style-type: none"> • Length: 135cm • Width: 63cm • Height: 136cm - 189cm
<p>Folded Dimensions:</p>	<ul style="list-style-type: none"> • Length: 131cm • Width: 63cm • Height: 43cm
<p>Power</p>	<ul style="list-style-type: none"> • Power supply 230 V AC 50-60 Hz • Output voltage 24 V • Charged/discharged battery indicator.
<p>Documentation</p>	<ul style="list-style-type: none"> • User manual in English. • Service manual in English. • Logbook with instructions for daily, weekly, monthly, and quarterly maintenance checklist. • The job description of the hospital technician and company service engineer should be clearly spelled out. • User and maintenance guide • Spare Part List
<p>Warranty</p>	<ul style="list-style-type: none"> • The equipment including unit and all accessories including bought items should be under warranty for a period of 2 years after successful commissioning.

	<ul style="list-style-type: none"> • All essential spare parts should be made available from the local service center during the warranty period and all steps should be taken for immediate servicing to prevent down time. • A copy of the service manual should be available from the local service center.
<p>Installation, commissioning, testing, maintenance and after sales service</p>	<ul style="list-style-type: none"> • The equipment and all accessories should be transported, installed, tested, and commissioned at the hospital site free of cost. • All spare parts and consumables should be available from supplier or principals for a period of at least 10 years. • In case of any change of dealership in future the principals should undertake the responsibility of maintaining the equipment through the next dealer.
<p>Sample Picture</p>	

2. Patient Warming System

Specification for Patient Warming Device

Quantity: 1

<p>Patient warming technology</p>	<ul style="list-style-type: none"> The device should warm the patient using polymer fiber technology or equipment such as carbon fiber (Not forced air warming) technology. It should be microprocessor controlled. Material used such as polymer fiber technology or equipment such as carbon fiber should allow for X-Rays.
<p>Transport option with battery</p>	<ul style="list-style-type: none"> In Built Battery option n for transportation purposes Battery life for should be around 3-4 hrs.
<p>Waterproof & easy to clean</p>	<ul style="list-style-type: none"> Should be completely sealed and waterproof against all liquids and they are also easily cleanable.
<p>Warming times</p>	<ul style="list-style-type: none"> Short warming times Shall reach 37° C within 7-10 minutes.
<p>Safety</p>	<ul style="list-style-type: none"> Power source and control is managed through the controller unit which is separate from the mattresses and blankets. Operate on low voltage requirements (12 Volts DC – 24 Volts AC/DC) High temperature safety cut off ability & heating process is automatically stopped as safety. Dual Micro Processor for safety control which functions as protect the whole system from any kind of overheating. (One on control unit and the other on the mattress/blanket Blankets contain a minimum of 8 sensors to measure the real temperature.
<p>Applicable</p>	<ol style="list-style-type: none"> Should be able to use on both Adult & Pediatric Patients Option to measure and monitor patient’s body temperature during warming. <ul style="list-style-type: none"> Should be light weight, making transport easy and should also be easily attachable to IV rod/OT table with fixing claw. The unit should provide safe, quiet, and effective warming to the patient. It should be suitable for intra-operative applications as well as for application in the

	post-operative intensive care unit.
Technical Specification	
Power	<p>1. Control Units Power</p> <ul style="list-style-type: none"> Power Input 220 V AC - 110 V AC 50 HZ / 60 HZ <p>2. Temperature output range</p> <ul style="list-style-type: none"> 30° C to 40° C (90° F to 104° F) in steps of 0.1° C Temperature settings up to 42° C High Temperature Safety Cut Off Point at 42° C (109° F)
Control Unit Dimension & Weight	<ul style="list-style-type: none"> Size 187x282x87 mm (+/- 100mm) Weight 4-5Kg with Battery
Blanket dimension & Weight	<ul style="list-style-type: none"> Large <ul style="list-style-type: none"> Size 1900X1000mm (+/- 100mm) Weight 2-3Kg Medium <ul style="list-style-type: none"> Size 1500X800mm (+/- 100mm) Weight 2-3Kg Small <ul style="list-style-type: none"> Size 850X550mm (+/- 100mm) Weight 1-2.5Kg Arm <ul style="list-style-type: none"> Size 1500X800mm (+/- 100mm) Weight 0.5-1Kg
Accessories	<ul style="list-style-type: none"> Extension Cable Length: 2mt or more
Alarms	<ul style="list-style-type: none"> Power Alarm: Activated if power is cut off or if the power cord is disconnected when the unit is turned on. High Temperature Alarm As temperature reaches, the device outputs audible and visual alarms. High Deviation: Alarm If the set temperature goes +1,5° Cover the set temperature.

Environmental	<ul style="list-style-type: none"> • Ambient Temperature (Operating) 15° C - 40° C • Ambient Temperature (Storage) -10° C - 55° C • Relative Humidity %30 - %70
Compliance	<ul style="list-style-type: none"> • CE/USFDA certificate • EN60601-1 Type BF • EN60601-1-2 Electrical Safety Requirements for medical devices • 93/42/EEC Medical Device Directive, Class IIb • 2006/95/EC LVD Low-voltage Directive • 2004/108/EC EMC Electromagnetic Compatibility • EN 14971 Medical Devices- Application of risk management • EN 980 Symbols used for labelling of Medical Devices • EN 80601-2-35 Requirements for the basic safety and essential performance of Heating Devices
Accessories to be Included.	<ul style="list-style-type: none"> • 5 Nos of Reusable Blanket from each Size (Large, Medium & Small) • 5 Nos of Reusable Blanket for Arm/Shoulder
Accessories to be Included. (With Each Device)	<ul style="list-style-type: none"> • 1 Nos Controllers stand/trolley unit. • 1 Nos IV stand support bracket • 1 Nos Extension cable • 1 Nos skin temperature probe
Accessories to be Included. (Testing Devices)	<ul style="list-style-type: none"> • 1 Nos Test Device for Calibration & Maintenance of Blankets • 1 Nos Test & calibration device for control unit
Documentation	<ul style="list-style-type: none"> • User manual in English. • Service manual in English. • Logbook with instructions for daily, weekly, monthly, and quarterly maintenance checklist. • The job description of the hospital technician and company service engineer should be clearly spelled out.
Warranty	<ul style="list-style-type: none"> • The equipment including unit and all accessories including bought items should be under warranty for a period of 2 years after successful commissioning. • All essential spare parts should be made available from the local service center during

	<p>the warranty period and all steps should be taken for immediate servicing to prevent down time.</p> <ul style="list-style-type: none">• A copy of the service manual should be available from the local service center.
<p>Installation, commissioning, testing, maintenance and after sales service</p>	<ul style="list-style-type: none">• The equipment and all accessories should be transported, installed, tested, and commissioned at the hospital site free of cost.• All spare parts and consumables should be available from supplier or principals for a period of at least 10 years.• In case of any change of dealership in future the principals should undertake the responsibility of maintaining the equipment through the next dealer.

3. Baby Cots

Specification for Baby Cots

Quantity: 8

<p>Features</p>	<ul style="list-style-type: none"> • Size L820* W500 H910 mm • Frame material: Steel • At least one shelves or cupboard at the bottom for storage • Transparent acrylic basin • Four lockable meta; castor • Equipped with IV pole
<p>Sample Picture</p>	

4. IV Stands

Specification for IV Stands

Quantity: 25

<p>Features</p>	<ul style="list-style-type: none"> • Should be two-piece design with an approximate diameter or 1" • Height should be easily adjustable (Approx. 60"-100") either by turning knob or release lock type • Should have a 5-leg base with swivel caster • Should have four hook tops with SS finishing • Should hold weight up to 9 KG
<p>Sample Picture</p>	