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### **TECHNICAL DESCRIPTION**

A Level 1 medical facility is a field tent system with facilities and equipment (technical and medical) for a medical team that has the ability and capacity to provide medical care for Level 1 medical security tasks (according to NATO Medical Doctrine AJP 4.10).





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No.	Product name:	Quantity:
1.	Defibrillator	2 pcs
2.	Medical aspirator	2 pcs
3.	Lamps: treatment and frontal	for 2 pcs
4.	Pulse oximeter	5 pcs
5.	Capnometer	2 pcs
6.	Oxygen set	1 set
7.	Stretcher	6 pcs
8.	Stretcher stand	2 sets
9.	Stretcher trolley	1 pcs
10.	Long spine board	2 pcs
11.	Fermoral artery tourniquet	5 pcs
12.	Field medical container	4 pcs
13.	Boxes (organizers) for medicines	4 pcs
14.	Boxes for medical equipment	4 pcs
15.	Transport bags	8 pcs



NAME OF THE EQUIPMENT



### PRODUCTS FOR CIVIL SECURITY AND HUMANITARIAN AID

1.	DEFIBRILLATOR	
	TYPE: CORPULS 1	A
	MANUFACTURER: CORPULS	I TE
	Defibrillation in AED mode (compatible with the	
	guidelines of the ERC/OH)	
	Manual defibrillation	
	Cardioversion	
	Two-phase low energy shock wave (energy 2-	
	200 J)	
	• Monitoring of up to 4 vital signs at the same	
	time	
	Visual and audible alarms	
	• 5.7" colour screen	
	• 2 GB SD Card	61
	Built-in LAN module	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
	Lithium-ion (8.5h monitoring / 200	S
	defibrillations)	
	• Power supply: 12 V DC, 100 to 250 V AC	
	Operating temperature - 20 Celsius degrees up	
	to +55 Celsius degrees	
2	Weight 2.2 kg	
2.		
	TYPE: ACCUVAC LITE MANUFACTURER: WEINMANN	
	<ul> <li>Suction force control function infinitely adjustable with one control knob from -0.1 bar</li> </ul>	
	to -0.8 bar	
	• Suction capacity at least 25 l/min (at an inlet	
	pressure of -0.8 bar)	
	<ul> <li>Multi-stage protection against liquids entering</li> </ul>	
	the unit	
	• Silicone hose with valve protected against	
	damage by elements of the suction casing	
	Vacuum pressure gauge	
	• Container for autoclave or liquid sterilization	
	with a capacity of 1 I placed in a protective	
	cover against damage	V/S
	• Power supply possible for both 12V DC and	
	230V 50Hz networks	
	• Built-in battery, continuous operation time min.	
	40 minutes, battery life min. 400 charging	
	cycles, battery charge time up to 100% to 16	
	hours.	
	<ul> <li>Housing made of high-strength plastic</li> </ul>	
	<ul> <li>Operating temperature from - 5 to 50 °C</li> </ul>	
	Weight of complete aspirator approx. 5.6 kg	







3.	TREATMENT LAMP	
	TYPE: REF FLH 2131	$\frown$
	MANUFACTURER: ORDISI	
	• Carrier-free lamp on tripod (maximum height	
	2.2 m)	
	• The flexible, stable "gooseneck" arm allows for	<b>S</b>
	precise illumination of the test field.	<u> </u>
	• The light source of the lamp are 3 LED modules	T
	of 3 x 10W power each (equivalent of a high	1
	class 50W halogen).	•
	<ul> <li>LED service life: 50,000 h</li> </ul>	
	<ul> <li>Light intensity:</li> </ul>	
	– 135 000 lux - for 30 cm	
	– 42 000 lux - for 50 cm	
	<ul> <li>– 42 000 lux - 101 50 cm</li> <li>– 12 000 lux - for 100 cm</li> </ul>	
	<ul> <li>Colour temperature: 4750 K</li> </ul>	
	•	<u> </u>
	• The size of the light spot: 13 cm - at 1 m	
	distance	
	Length of the power cable: 4 m	
	• Power supply: 230V, 50 Hz	
	Weight 5 kg	
4.	FRONTAL LAMP	
	TYPE: CLAR	
	MANUFACTURER: NATURFARM	
	<ul> <li>Small, lightweight, wireless with independent</li> </ul>	
	power supply	
	<ul> <li>Xenon strong light perfectly illuminates the</li> </ul>	
	watched field	
	White light output 600 times stronger than	
	conventional incandescent lamps	
	• Lamp housing resistant to mechanical damage,	<b>4</b>
	resistant to all types of chemical disinfectants	
	used in medicine	(B)
	• The lamp is supplied complete with batteries	-
	and a cap.	
	<ul> <li>Power supply: batteries R6 AA1.5V</li> </ul>	
	• Weight: 150 g	







	•	
5.	<ul> <li>PULSE OXIMETER <ul> <li>TYPE: VM-2160</li> <li>MANUFACTURER: VIAMED</li> <li>Measuring range: <ul> <li>SpO2: 0 - 100%</li> <li>Pulse frequency: 20 – 300/minute</li> </ul> </li> <li>Accuracy: <ul> <li>SpO2: +/- 2% (70 - 100%)</li> <li>Pulse frequency: +/- 1 Digit (bis 100/min) +/-1% (&gt; 100/min)</li> </ul> </li> <li>Indications: oxygen saturation, pulse frequency, plethmogram, bar graph, short-term and long-term trend</li> <li>Ear sensor included in the scope of delivery</li> <li>Temperature and working atmosphere pressure: - 20°C + 50°C, 600 - 1300 hP</li> <li>Power supply 3 batteries (type 1,5 Volt, Mignon)</li> </ul> </li> </ul>	Minus Contraction
	<ul><li>AA)</li><li>Weight approx. 160 g (with batteries, without sensor)</li></ul>	
6.	<ul> <li>Sensor)</li> <li>KAPNOMETER</li> <li>TYPE: EMMA</li> <li>MANUFACTURER: MASIMO</li> <li>It allows to confirm the correct intubation and control both the functioning of medical equipment and the recognition of sudden pathological lesions visible by reading the ETCO2 level.</li> <li>ETCO2 measurement in main flow, can be connected to intubation tube, resuscitation bag, patient tube</li> <li>Measurement of the EtCO2 in the range 0 to 99 mmHg</li> <li>Respiratory measurement per minute to control respiratory rate during Cardiopulmonary Resuscitation</li> <li>Alarm programmable features available</li> <li>numeric LED display</li> <li>Operating temperature from -5° to + 40°</li> <li>Power supply: 2 alkaline batteries LR03 (AAA)</li> <li>Weight: 60 g</li> </ul>	







ULTRASOUND	
TYPE: FAST	
MANUFACTURER: DRAMIŃSKI S.A.	
<ul> <li>Working scope of the system - 3-10MHz</li> </ul>	
<ul> <li>Scope of delivery includes mechanical 3-7MHz abdominal probe</li> </ul>	
<ul> <li>Operating range of the 'abdominal' probe at least 25 cm</li> </ul>	
<ul> <li>Standby time after switching on - max. 30 seconds</li> </ul>	
• LED-backlit LCD display size - 6.5"	
<ul> <li>Menu in the following languages: Polish and English</li> </ul>	
<ul> <li>Minimum dimensioning: length, area, volume</li> </ul>	prasmineri FAST
• Black and white minimum imaging modes: B,	DRAMINER I
B+B, B+M	FAST
• Battery power supply, operating time per	
battery minimum 4,5 hours, two batteries included	
• Internal storage: minimum of 200 images and	
cine loops	
Camera weight per single probe and battery less	
than 2.5 kg	



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8.	OXYGEN SET		
	OXYGN DISTRIBUTOR TYPE: MEDI FLOW ULTRA II MANUFACTURER: GCE The distributor provides access to oxygen in passive ventilation mode max. 4 victims from one cylinder, using standard oxygen masks. AGA connector for connection to main cylinder reducer The gas flow is set in steps by means of a knob from 0 to 15 l/min. Weight: 2.35 kg OXYGEN REGULATOR TYPE: MEDISELECT II MANUFACTURER: GCE Regulator with rotary flow meter from 0 - 25 l/min. Standard AGA quick connect ventilator connector Suction port for connecting an oxygen pipe with 360 degrees rotation. Input pressure 200 bar Output pressure 4.5 bar OXYGEN CYLINDER TYPE: 10 L MANUFACTURER: MILMET / MILNET Operating pressure min. 150 bar Equipped with an oxygen valve with a 3-inch DIN thread of the connection port STAND FOR TWO 10 L CYLINDERS MANUFACTURER: TECH-MED Stand for two 101 medical oxygen cylinders		
9.	<ul> <li>STRETCHERS</li> <li>TYPE: PROMIL 217 (STANAG 2040)</li> <li>MANUFACTURER: FRESTEMS Oy</li> <li>Field stretchers folded longitudinally</li> <li>Meet the requirements of STANAG 2040 and EN 1789 for accident tests.</li> <li>Frame and aluminium feet</li> <li>Handles and lateral joints made of composite material</li> <li>PVC fabric coated with polyester</li> <li>Telescopic handle(s)</li> <li>Equipped with pullers for tightening 6 pcs.</li> <li>Operating temperature -30°C+70°C</li> <li>Weight: up to 9 kg</li> </ul>	D	20







PRODUCTS FOR CIVIL SECURITY

10.	<ul> <li>STRETCHER STAND</li> <li>TYPE: 120 000</li> <li>MANUFACTURER: MEDIHELP</li> <li>The stand designed for evacuation stretchers with different widths from 470 to 600 mm, including STANAG 2040 stretchers.</li> <li>Made of aluminium</li> <li>Maximum load: 170 kg</li> <li>Supplied with two drip racks, a holder and a tray for surgical instruments.</li> <li>Weight of set with equipment: up to 14 kg</li> </ul>	
11.	<ul> <li>STRETCHER TROLLEY</li> <li>TYPE: PROMIL 215 (STANAG 2040)</li> <li>MANUFACTURER: FRESTEMS Oy</li> <li>STANAG 2040 stretcher trolley</li> <li>Dimensions after unfolding: height 850 mm x width 670 mm x length 1200 mm</li> <li>Maximum load: min 150 kg</li> <li>Weight: below 20 kg</li> </ul>	
12.	<ul> <li>ORTHOPAEDIC BOARD WITH HEAD STABILISER</li> <li>AND SAFETY BELTS</li> <li>TYPE: ULTRA VUE 16</li> <li>MANUFACTURER: IRON DUCK</li> <li>Green orthopaedic board with safety belts</li> <li>Head Stabilizer Model 628</li> <li>Screened for X-rays</li> <li>Equipped with 14 brackets located around the perimeter of board for attaching the carabiner belt</li> <li>Water displacement: 113 kg</li> <li>Weight: 7.25 kg</li> <li>Weight of head stabilizer kit (green) and 4 belts: 9.5kg</li> </ul>	
13.	<ul> <li>FERMORAL ARTERY TOURNIQUET</li> <li>TYPE: SAM JUNCTIONAT TOURNIQUET</li> <li>MANUFACTURER: SAM MEDICAL</li> <li>Tourniquet designed for: <ul> <li>controlling hard-to-manage haemorrhages in the pelvis and abdominal cavity, inguinal and auxiliary regions</li> <li>stabilisation of pelvic fractures</li> </ul> </li> <li>The design of the tie allows to exert pressure on the hip artery, inguinal and subclavian arteries</li> <li>The pressure is exerted by the pneumatic sleeve into which the air is inflated with the pear (included in the tourniquet accessories).</li> <li>Activation time up to 1 min.</li> </ul>	





14.	TRANSPORT BOX (ORGANIZER) FOR MEDICINES TYPE: CASZ 7560-50 – KZCW-5S-T MANUFACTURER: CASTELIOR Made of polyethylene based on AEGIS 7560-50 box, very resistant to damage, profiled built-in transport handles, which can also be used for additional stabilization of the boxes (their fastening, tying). Equipped with drawers, including one lockable. The box cover serves as a table, which can also	
15.	serve as a desk. Dimension: 75 cm x 60cm x 50 cm +/- 2% Weight up to 34 kg TRANSPORT BOX FOR MEDICAL EQUIPMENT	
15.	<ul> <li>TYPE: AEGIS 7560-50</li> <li>MANUFACTURER: LEAFIELD CASES</li> <li>High mechanical strength and stability</li> <li>Resistant to UV, corrosion, solvents and acids</li> <li>Temperature range from -40 to +70</li> <li>Equipped with a pressure compensation valve and a moisture indicator</li> <li>Dimension: 75 cm x 60cm x 50 cm +/- 2%</li> </ul>	
16.	<ul> <li>FIELD MEDICAL CONTAINER MANUFACTURER: MEDLINE</li> <li>It is designed for storing and transporting medical materials in a field hospital.</li> <li>Enables simultaneous access to all equipment - regardless of how it is unfolded</li> <li>Possibility of division of medical resources and creation of individual, dismantled packages on the basis of PZM</li> <li>Ability to change the arrangement of bags.</li> <li>Dimensions: 75cm (length) x33cm (height) x32cm (depth)</li> <li>Weight: 6.5 kg</li> </ul>	







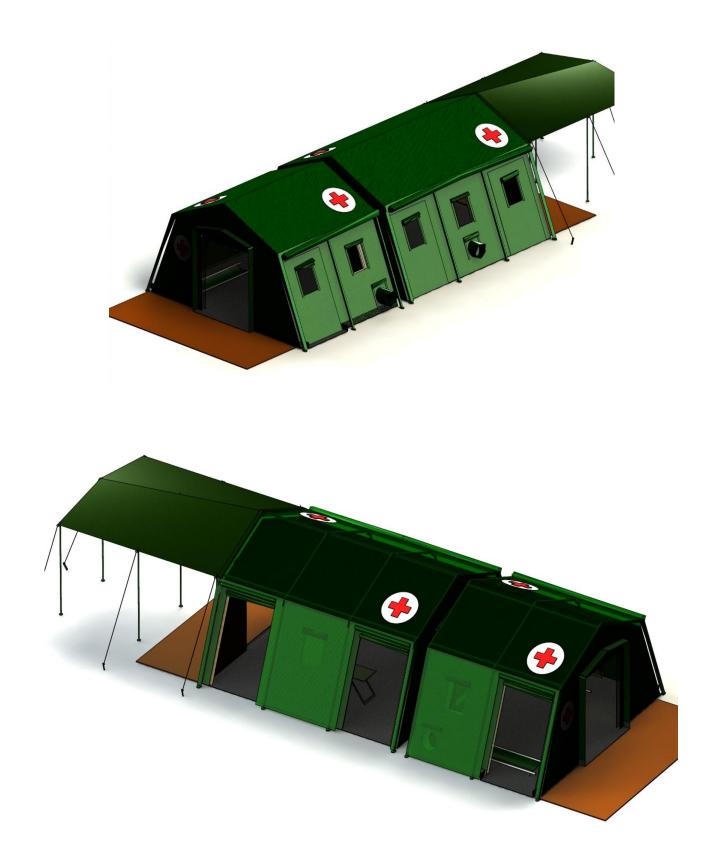
No.	Product name:	Quantity:
1.	Frame tent 36 m2 with roofing	1 set
2.	Frame tent 24 m2	1 set
3.	Tent interior lighting system	1 set
4.	External lighting system	1 set
5.	Extension cable reel	2 pcs
6.	Tent switchgear	2 pcs
7.	Electrical T-junction	4 pcs
8.	Floor mat	2 pcs
9.	100 l water tank	1 pc
10.	Pressure washer	1 pc
11.	Field table	2 pcs
12.	Field stool folded	10 pcs
13.	Special equipment for engineers	1 set
14.	Marking of facility	1 set
15.	Transport box for technical equipment	2 pcs







## Tents N-36 and N-24





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LUBAWA AID PRODUCTS FOR CIVIL SECURITY AND HUMANITARIAN AID





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