ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

Contract title: ***Procurment Medical equipment for the project "Romania-Serbia joint initiative against cancer in cross-border region: improved diagnosis and treatment of malignant tumors – ROSECAN"***

Publication reference: RORS 193/CEHR/04

Columns 1-2 should be completed by the Contracting Authority
Columns 3-4 should be completed by the tenderer
Column 5 is reserved for the evaluation committee

Annex III - the Contractor's technical offer

The tenderers are requested to complete the template on the next pages:

- Column 2 is completed by the Contracting Authority shows the required specifications (not to be modified by the tenderer),
- Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words "compliant" or "yes" are not sufficient)
- Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offered specifications.

Unless otherwise specified, the requirements in these Technical Specifications are presented as a minimum standard which the offered goods must meet. The offers that will not satisfy completely and correctly the minimum requirements mentioned below will be disqualified.
When brand names/specifications referring to or describing products of a given brand or origin are used in the technical specifications, they are used in descriptive purposes only or should be interpreted as equivalent.

1. Item Number	2. Specifications Required	3. Specifications Offered	4. Notes, remarks, ref to documentation	5. Evaluation Committee's notes
	LOT NO 1 – MEDICAL EQUIPMENT 1			
1.	**Item name: Mortuary Refrigeration Unit** **Quantity: 1**			
	Cold room 9 bodies (3x3), n. 9 doors, n. 9 stainless steel trays, stainless steel internal frame with stainless steel rollers, n. 1 cooling unit temperature 0°C, internal and external stainless steel panels			
	BOX STRUCTURE: The box structure is made of modular panels that are formed by an insulating diaphragm in stiff polyurethanefoam that is injected between the two metal plates. Panel thickness: 80mm			
	WALLS, CEILING AND DOORS: STAINLESS STEEL FINISHING: in 18/8 AISI 304 stainless steel plate (both internal and external finish, thickness min. 6/10)			
	FLOOR: The floor is made of a reinforced polyurethane foam with pre-compressed wooden shaving plates, thickness10 mm. - STAINLESS STEEL FINISHING: in stainless steel AISI 304 anti-slip plate, complying with the hygienic norm.			
	THERMIC INSULATION: The thermic insulation is given by stiff self-extinguishing polyurethane foam according to the Norms ASTM D1692, regulations with min. 35 Kg/m3 density			

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	CONTROL PANEL: completely automated and supervises all system functions. It comprises an electronic control unit that can be programmed as required (adjustment of the thermostat, setting of the min./max. operating values, setting of the type of defrosting, evaporator fan start delay, pause time after defrosting for internal drainage, temperature and probe malfunction alarms, switching the internal light on/off, and setting of the protections for the number of pressure-switch triggerings)			
	REFRIGERATION SYSTEM: The refrigeration system made of first-quality materials and components. It is available in the integrated or remote version and comprises: condensing unit, evaporation unit, electronic management and control panel.			
	BODY STRETCHERS AND INTERNAL STRUCTURE : The stretchers are completely stainless steel AISI, with a basin border allowing the liquids collection. They are equipped with handles to easy introduction, extraction and transport. Inside the cold room there is a tubular stainless steel structure with stainless steel rollers welcoming the stretchers			
	STRUCTURE: in painted steel plate with removable panels for easy maintenance			
	COMPRESSOR: sealed-type compressor with gas aspiration cooling, complete with total protection motor with electronically-controlled thermistors. Ecologic gas. The expansion of the gas is achieved through capillary tube or thermostatic valve. Rated powers indicated in the appropriate illustrative sheets.			

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	-Temperature range: -5°C / +5°C - 9 doors, - 9 stainless steel trays, - Dimensions: min. 276 cm 208 cm 216 cm - Stainless steel internal frame with stainless steel rollers, - Internal and external stainless steel panels - Absorbed power: min. 1,5 Kw - Supply tension : V380 / 3 / 50 Hz			
	STANDARD EQUIPMENT: • Refrigeration unit illumination by microswitch positioned on the doors with automatic system switch-off. • Digital read-out electronic control panel. • Temperature variation and malfunction alarm. • Fluid discharge unit positioned on the floor.			
	ELECTRIC LIFTING TROLLEY for insertion and extraction from the cold rooms – 1 pcs - Lifting trolley with rolls - Load: min 170 kg - Dimensions: min. 220x70x48(180) cm - Material: stainless steel - Double-scissors lifting frame to reach the 3rd upper place on the cold room. - The electric lifting with a manual control system for activation and regulation. - Flow regulator to prevent the load to low itself quickly damaging the operator, - The supporting plane is used to place the stretcher that will be inserted in the proper cold room. - Equipped with 2 steering wheels and two free ones.			

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	Associated included services: Delivery to the end user Installation and commissioning by the supplier Service during the warranty period Training for medical and technical personnel Delivery to the end user Installation and commissioning by the supplier Service during the warranty period Training for medical and technical personnel			
	Warranty: Minimum 24 months from the date of installation and putting into function			
	LOT NO 2 – MEDICAL EQUIPMENT 2			
2.1	**Item name: Table for Surgery** **Quantity: 1**			
	Electrohydraulic surgical table, with minimum 5 sections: head, back, seat, 2 leg sections Suitable for various applications : general surgery, abdominal, ENT, gyneacology, cardiovascular, spinal, thoracic, kidney and gall bladder surgery, lumbar surgery, lithotomy bladder surgery, knee arthroscopy, neurosurgey, plastic surgery etc Table shall be provided with a mobile stand, provided with easy swivels casters for mobility Central floor locking mechanism by foot pedal Maximum weight capacity : minimum 180 kg. Table to be operated by hand control			

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	Hand control must allow minimum the following functions: Height up/down Back section Trendelenburg/ Antitrendelenburg Lateral tilt Flex/ Reflex			
	Table shall allow minimum the following adjustments : Height adjustment up/down (without mattress) : - Minimum height ≤ 720 - Maximum height ≥1010 mm Back section (up/down): ≥ 80°/40° Trendelenburg/ Antitrendelenburg : ≥ 26°/26° Lateral tilt (left/right) : ≥ 21°/21° Tabletop longitudinal slide : ≥ 300 mm Flex /Reflex : ≥ 220°/100° Head section (up/down): ≥ 60°/90° Leg plates (up/down) : ≥15°/90° Leg plates (horizontal) : 0°-180°			
	Table dimensions: Width (without side rails) : minimum 500 mm Length (with head sections): minimum 1950 mm			
2.1	**Delivery configuration:** Mobile surgical table with 5 sections, with electrohydraulic drive - 1 pcs Leg plates – 2 pcs Hand control – 1 pcs Arm boards – 2 pcs Mattress pads - 1 set Power cable – 1 pcs			

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	Associated included services: Delivery to the end user Installation and commissioning by the supplier Service during the warranty period Training for medical and technical personnel			
	WARRANTY: Warranty of minimum 24 months from the date of installation and putting into function			
	LOT NO 3 – MEDICAL EQUIPMENT 3			
	Item name: ENT Surgery Shaver **Quantity: 1**			
	ENT Shaver with "touch screen" - 1 pc.			
3.1	- continuously variable speed range depending on the engine used: - 0-60,000 rpm - settable parameters: speed, direction, values preset by operators - connection of accessories (motors) for multiple applications: SHAVER Sinus, INTRA Drill, Intranasal Drill, Micro-saw, Dermatom - two simultaneous output ports for engine control - irrigation pump included in the unit - color touch screen LCD (touch screen control) - profiles of surgical procedures and preferred, preset parameters - power supply: 220 V, 50Hz - with electronic system for connection to a central computer **Included accessories:** - Shaver proportional control double pedal assembly - 1 pc. - Sterilizable peristaltic pump silicone irrigation hose set - 1 pc. - Silicone irrigation hose set for disposable peristaltic pump - 3 pcs.			

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	Shaver ENT handpiece - 1 pc.			
	- waterproof monobloc - to reach a working speed of 35,000 rpm - with engine / blade cooling by internal ventilation - with axial suction port with blade for optimal tissue aspiration - with port for irrigation between the two components of the cutting blade - with standard LUER-Lock connector - very quiet, without vibration - easy lubrication of moving parts - quick connection / disconnection of the blades - with detachable handle - with the possibility of gripping the handle in at least 2 different ways - with the possibility of connection to the navigation system - compatible with the ENT electromagnetic navigation system - sterilizable by autoclaving but also by immersion in sterilizing chemicals			
3.1	**Spray type container for lubrication - 1 pc.**			
	- with speaker for easy use - for lubricating multi-purpose shaver blades - minimum 500 ml			
	Irrigation tubing - 10 pcs.			
	- compatible with the pump integrated in the ENT shaver - with easy attachment to the shaver handle - silicone			
	Shaver blades for nasal sinus – 1 pc.			

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3.1	- right - with irrigation channel - with suction channel - diameter 3 mm - length 12 - 13 cm - blade provided with a double serrated cutting edge - rectangular cutting window - compatible with rotations up to 35,000 rpm - multi-purpose - autoclavable			
3.1	**Shaver blades for nasal sinus – 1 pc.**			
	- curved at 40 ° - with irrigation channel - with suction channel - diameter 4 mm - length 12 - 13 cm - blade with double serrated cutting edge, with serrated cutting edge in front - rectangular cutting window - compatible with rotations up to 35,000 rpm - multi-purpose - autoclavable			
	Associated included services: Delivery to the end user Installation and commissioning by the supplier Service during the warranty period Training for medical and technical personnel			
	WARRANTY: Warranty of minimum 24 months from the date of installation and putting into function - maximum intervention time 48 hours			