

ANNEX 1: SCHEDULE OF REQUIREMENTS

Hyperbaric oxygen chamber		:	1 unit				
Purpose: Sealed chamber in which a high-pressure environment is used primarily to treat various illnesses.							
1.	Composition						
(1)	Hyperbaric chamber	:	1 unit	x	1	=	1 unit
(2)	O2 concentrator	:	1 unit	x	2	=	2 pcs
(1)	AC system (Recirculating chiller)	:	1 unit	x	1	=	1 unit
1-2	Accessories						
	Any other accessory which is required for installation and operation should be included and described on your offered specification						
2.	Specifications						
Chamber Body							
–	Non- inflatable, hard type hyperbaric chamber	:	yes				
–	Diameter	:	90 ± 1 cm				
–	Cabin length	:	230 ± 10 cm				
–	Body material	:	aluminium or other				
–	Window	:	polycarbonate or similar				
–	Internal volume	:	not less than 1400 L				
–	Supported patient weight	:	not less than 120 kg				
–	Number of places	:	1				
–	Pressure	:	min 50 kPA or 0.5 bar				
–	Protection	:	Class II, IP44 or other				
–	Resistant to corrosion	:	yes				
–	Safety	:	power failure, overpressure				
–	Voltage	:	220-230 V/50 Hz				
–	Show errors/alarms/alerts	:	mandatory: power failure, low and high pressure, high temperature, low O2 concentration and other				
–	Power	:	maximum 600-800 VA				
Chamber operation							
–	Mirrored patient controls	:	min: Start/Stop and other				
–	Interphone	:	yes				
–	Compression and decompression speed	:	yes				
–	Automatically controlled pressure system	:	yes				
–	Chamber temperature	:	yes				
–	Session time	:	yes				
–	Wifi connectivity	:	yes, (optional)				
O2 Concentrator							
–	O2 flow rate	:	2–10 LPM				
–	Oxygen purity	:	2-9 LPM: not less than 89% and for 10 LPM: not less than 87%				
–	Noise level	:	maximum 60 dB(A)				

–	Filter set	:	at least 1
–	Operating environment	:	5°C to 40°C and up to 95% humidity
AC System (Recirculating chiller)			
–	Temperature fluctuations	:	maximum $\pm 2^{\circ}\text{C}$
–	Temperature range	:	10 - 30°C or wider
–	Ambient temperature and humidity	:	10 - 35°C or wider; Humidity: 30 to 70% or wider
–	Noise level in standby mode	:	maximum 60 dB(A)
3.	General Requirements		
–	Declaration of conformity	:	yes
–	Manufacturer ISO 13485	:	yes
–	Manufacturer's Authorization Form	:	yes
–	Authorized Service Center in the R. of Moldova or neighbouring countries	:	yes
–	Equipment assembly, installation and commissioning on site at beneficiary location	:	yes
4.	Warranty		
–	Hyperbaric chamber (minimum 12 months from the commissioning)	:	yes
–	O2 concentrators (minimum 12 months each unit from the commissioning)	:	yes
–	AC system (minimum 12 months from the commissioning)	:	yes
5.	Training		
–	Training for operator and biomedical engineer (maintenance protocol)	:	yes
–	Training in Romanian or Russian language	:	yes
6.	Documentation		
–	User's manuals for all devices, preferable in Romanian or Russian language (optional English)	:	yes
–	Maintenance manual for all devices, preferable in Romanian or Russian language (optional English)	:	yes

Delivery Requirements

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Delivery date and time	Bidder shall deliver the services within 60 calendar days
Customs clearance (Must be linked to INCOTERM)	<input checked="" type="checkbox"/> Bidder
Exact Address of Delivery Location	84, Hincesti Street, Republic of Moldova
Training on Operations and Maintenance	Required
Warranty Period	Minimum 12 months