

Technical Specifications For 4×4 Ambulance المواصفات الفنية لسيارة اسعاف دفع رباعي

SN	System	Requirements
1.	General	4×4 Equipped Casualty Evacuation (CASEVAC) and Medical Evacuation (MEDEVAC) Ambulance.
2.	Engine	Diesel. 4 Stroke, with 6 Cylinders. Not Less Than 215 HP.
3.	Fuel Specifications	According to EURO Standards: Euro 5 without adblue
4.	Fuel tank(s)	Not Less Than 70 Litters. The Fuel Filler Cap or a Location Near the Fuel Filler Cap Shall Be Labeled, With the Type of Fuels Compatible with The Vehicle.
5.	Gear box	Automatic.
6.	Suspension System	Based on the type of the vehicle design parameters.
7.	Braking system	With Anti-lock Braking System (ABS). With Hill Start Assist Control (HSA, HAC OR HLA).
8.	Tires	ON /OFF Road, Tubeless, Radial. All Tires Including Spare Shall Be of The Same Size and Interchangeable. All Tires Including Spare Shall Not to Be More Than 1 Manufacturing Year Life.
9.	Steering	Lift Hand Drive (LHD). Fully Powered. Adjustable.
10.	Manufacturing year	2026 or Later.
11.	Electrical System	12v DC to 220v AC inverter. Not less than quantity (3) 220V sockets. Not less than quantity (3) 12V sockets. Public address system with different tone siren. Air conditioning for the patient's cabin. Siren system electronic public Address System with control unit located on (Driver Cab) With speaker.
12.	Additional Requirements	Spare Wheel with Holder or Any Other Type of Mounting. BII (Basic Issue Items) To Include but Not Limited To: General Mechanics Tool Kit, Tire Changing Tool, Lifting Jack, Tire Inflating Hose, Chocks, Pressure Gauge, one red emergency reflective triangles. Driver and Co-Driver: Head Rests, Hand Rests, Front Sunvisor and Seat Belts. Air Conditioning, Heating, And Defrosting Systems. On Board Diagnosis. Power Windows for Driver and Co-Driver.
14.	Patient's cabin	Qty: 2 fire extinguishers: 2kg on the back and 1kg in driver's cabin with mounting brackets. Patient cabin is separated from the driver cabin with partition with sliding window. Tip-up bench, with back rest, with compartment beneath. Floor in patient's cabinet: wooden floor, anti-slippery, anti-bacterial and washable. Medical cabinet designed and executed to store and mount the stated equipment and tools. Foldable and swiveling doctor seat with head rest, back rest and safety belt. All equipment compartments are washable.
16.	Medical equipment's	CASEVAC Kit for CASEVAC vehicles MEDEVAC Kit for MEDEVAC vehicles

MEDEVAC Advanced Equipment List

*The quantities are per ambulance

1. Airway & Breathing Kit

No.	Equipment	Quantity
1	Portable Oxygen Cylinder	1
2	Fixed Oxygen Cylinder	1
3	Suction Catheters (G12, G16, G18, G20)	One each size
4	Fixed Suction Unit	1
5	Portable Suction Unit	1
6	Suction Connectors	5
7	Oxygen Flow Meter Regulators	2
8	Bag Valve Mask (Adult & Pediatric)	2
9	Oropharyngeal Airways (Sizes 0–6)	One each size
10	Nasopharyngeal Airways (Small, Medium, Large)	One each size
11	Water-Soluble Lubricating Jelly	1
12	Oxygen Masks (All Sizes)	One each size
13	Non-Rebreathing Masks (All Sizes)	One each size
14	Nasal Cannulas	One each size
15	Laryngoscope Handle	1
16	Curved Laryngoscope Blades (Sizes 2–4)	One each size
17	Endotracheal Tubes	One each size

No.	Equipment	Quantity
18	Meconium Aspirator	1
19	10 ml Syringes	10
20	Intubation Stylets	2
21	Magill Forceps	1
22	End-Tidal CO ₂ Detector	1
23	Portable Respirator / Ventilator	1
24	Cricothyrotomy Needle Set	1
25	Nebulizer	1

2. Circulation Kit

No.	Equipment	Quantity
1	Monitor / Defibrillator	1
2	Portable Pulse Oximeter	1
3	Crystalloid Solutions	4
4	Antiseptic Solution	1
5	Intravenous Catheters	10
6	Intraosseous Needles	2
7	Venous Tourniquet	1
8	Syringes	10
9	ECG Leads	20
10	Glucometer	1

No.	Equipment	Quantity
11	Large Bore Needles	2

3. Patient Compartment Equipment, Furniture & Fixed Installations

No.	Equipment
1	Main Wheeled Patient Stretcher
2	Patient Restraint Belts (Integrated with Main Stretcher)
3	Stretcher Locking & Retention System
4	Attendant Seat
5	Medical Storage Cabinets
6	Medical Drawers & Compartments
7	Ceiling Grab Rail
8	IV Hooks / Infusion Holders
9	Interior LED Medical Lighting
10	Fixed Oxygen Cylinder Mounting Bracket
11	Waste Container
12	Washable Medical Work Surface
13	Roof Ventilation / Air Diffusers

MEDEVAC Interior Layout



Specifications and Technical Requirements

No .	Equipment	Minimum Technical Requirements
1	Main Wheeled Patient Stretcher	Suitable for ambulance use and compatible with the supplied ambulance. Lightweight construction with adjustable backrest, foldable side rails, smooth loading/unloading mechanism, and waterproof easy-to-clean mattress. Compatible with the supplied stretcher locking system.
2	Patient Restraint Belts (Integrated with Main Stretcher)	Integrated patient restraint belts suitable for safe patient transportation. Adjustable, quick-release, durable and easy to clean.
3	Stretcher Locking & Retention System	Compatible with the supplied stretcher. Provides secure fixation during transportation with an easy release mechanism.
4	Attendant Seat	Securely mounted attendant seat with seat belt. Comfortable, durable, and easy-to-clean surface suitable for ambulance use.
5	Medical Storage Cabinets	Medical storage cabinets suitable for ambulance use with sufficient storage space. Durable, easy to clean, and securely installed.
6	Medical Drawers & Compartments	Storage drawers and compartments for medical supplies. Easy to access, securely closed during transportation, and easy to clean.
7	Ceiling Grab Rail	Securely mounted ceiling grab rail to provide support for medical personnel while attending the patient.
8	IV Hooks / Infusion Holders	IV hooks or infusion holders suitable for hanging IV fluid bags. Securely mounted and easy to use.
9	Interior LED Medical Lighting	LED lighting providing adequate illumination for patient care inside the ambulance. Individually controlled and suitable for ambulance operation.
10	Fixed Oxygen Cylinder Mounting Bracket	Secure mounting bracket compatible with the supplied oxygen cylinder. Designed to prevent cylinder movement during vehicle operation.

No .	Equipment	Minimum Technical Requirements
11	Waste Container	Removable waste container suitable for medical waste. Securely installed and easy to clean.
12	Washable Medical Work Surface	Smooth, durable work surface suitable for medical use. Easy to clean and resistant to routine cleaning and disinfecting agents.
13	Roof Ventilation / Air Diffusers	Ventilation outlets providing adequate airflow throughout the patient compartment. Adjustable and integrated with the ambulance ventilation/air conditioning system.
14	General Requirement	All equipment, fixtures and installations shall be new, suitable for ambulance use, securely mounted, compatible with the supplied ambulance, and designed to withstand normal operating conditions. All supplied equipment shall comply with the manufacturer's specifications and applicable internationally recognized standards, where applicable.

Technical Specifications for MEDEVAC			
SN	Requirements	Compliant/Non-compliant	Note: if not compliant *Please provide
1	Portable Oxygen Cylinder		
2	Fixed Oxygen Cylinder		
3	Suction Catheters (G12, G16, G18, G20)		
4	Fixed Suction Unit		
5	Portable Suction Unit		
6	Suction Connectors		
7	Oxygen Flow Meter Regulators		
8	Bag Valve Mask (Adult & Pediatric)		
9	Oropharyngeal Airways (Sizes 0–6)		
10	Nasopharyngeal Airways (Small, Medium, Large)		
11	Water-Soluble Lubricating Jelly		
12	Oxygen Masks (All Sizes)		
13	Non-Rebreathing Masks (All Sizes)		
14	Nasal Cannulas		
15	Laryngoscope Handle		
16	Curved Laryngoscope Blades (Sizes 2–4)		
17	Endotracheal Tubes		
18	Meconium Aspirator		
19	10 ml Syringes		
20	Intubation Stylets		
21	Magill Forceps		
22	End-Tidal CO ₂ Detector		
23	Portable Respirator / Ventilator		
24	Cricothyrotomy Needle Set		
25	Nebulizer		
26	Monitor / Defibrillator		
27	Portable Pulse Oximeter		
28	Crystalloid Solutions		
29	Antiseptic Solution		
30	Intravenous Catheters		
31	Intraosseous Needles		
32	Venous Tourniquet		
33	Syringes		
34	ECG Leads		
35	Glucometer		
36	Large Bore Needles		
37	Main Wheeled Patient Stretcher		
38	Patient Restraint Belts (Integrated with Main Stretcher)		
39	Stretcher Locking & Retention System		
40	Attendant Seat		
42	Medical Storage Cabinets		
43	Medical Drawers & Compartments		
44	Ceiling Grab Rail		
45	IV Hooks / Infusion Holders		
46	Interior LED Medical Lighting		
47	Fixed Oxygen Cylinder Mounting Bracket		
48	Waste Container		
49	Washable Medical Work Surface		
50	Roof Ventilation / Air Diffusers		
51	Suitable for ambulance use and compatible with the supplied ambulance. Lightweight construction with adjustable backrest, foldable side rails, smooth loading/unloading mechanism, and waterproof easy-to-clean mattress. Compatible with the supplied stretcher locking system.		
52	Integrated patient restraint belts suitable for safe patient transportation. Adjustable, quick-release, durable and easy to clean.		
53	Compatible with the supplied stretcher. Provides secure fixation during transportation with an easy release mechanism.		
54	Securely mounted attendant seat with seat belt. Comfortable, durable, and easy-to-clean surface suitable for ambulance use.		
55	Medical storage cabinets suitable for ambulance use with sufficient storage space. Durable, easy to clean, and securely installed.		
56	Storage drawers and compartments for medical supplies. Easy to access, securely closed during transportation, and easy to clean.		
57	Securely mounted ceiling grab rail to provide support for medical personnel while attending the patient.		
58	IV hooks or infusion holders suitable for hanging IV fluid bags. Securely mounted and easy to use.		
59	LED lighting providing adequate illumination for patient care inside the ambulance. Individually controlled and suitable for ambulance operation.		
60	Secure mounting bracket compatible with the supplied oxygen cylinder. Designed to prevent cylinder movement during vehicle operation.		
61	Removable waste container suitable for medical waste. Securely installed and easy to clean.		
62	Smooth, durable work surface suitable for medical use. Easy to clean and resistant to routine cleaning and disinfecting agents.		
63	Ventilation outlets providing adequate airflow throughout the patient compartment. Adjustable and integrated with the ambulance ventilation/air conditioning system.		
64	All equipment, fixtures and installations shall be new, suitable for ambulance use, securely mounted, compatible with the supplied ambulance, and designed to withstand normal operating conditions. All supplied equipment shall comply with the manufacturer's specifications and applicable internationally recognized standards, where applicable.		

CASEVAC Advanced Equipment List

*The quantities are per ambulance

1. Medical Equipment

No.	Equipment
1	Doctor's Bag
2	Portable Oxygen Cylinder
3	Fixed Oxygen Cylinder
4	Portable Suction Unit
5	Defibrillator
6	Portable Pulse Oximeter
7	Emergency Drug Kit (Resuscitation Drugs)

2. Patient Compartment Equipment & Fixed Installations

No.	Equipment
1	Main Wheeled Patient Stretcher
2	Patient Restraint Belts (Integrated with Main Stretcher)
3	Stretcher Locking & Retention System
4	Attendant Seat
5	Medical Storage Cabinets
6	Medical Drawers & Compartments

No.	Equipment
7	Ceiling Grab Rail
8	IV Hooks / Infusion Holders
9	Interior LED Medical Lighting
10	Fixed Oxygen Cylinder Mounting Bracket
11	Waste Container
12	Washable Medical Work Surface
13	Roof Ventilation / Air Diffusers

3. Vehicle Equipment & Accessories

No.	Equipment
1	Air Conditioning System
2	Siren and Electronic Warning System
3	Emergency LED Warning Lights
4	Interior Communication System (Driver–Patient Compartment), if applicable
5	12V/USB Power Outlets for Medical Equipment
6	Fire Extinguisher
7	First Aid Kit
8	Spare Wheel
9	Recovery Kit
10	Exterior Working/Search Lights

CASEVAC Interior Layout



CASEVAC Ambulance

Medical Equipment & Patient Compartment Technical Specifications

No.	Equipment	Minimum Technical Requirements
1	Doctor's Bag	Complete emergency doctor's bag suitable for pre-hospital emergency care. Supplied with organized compartments for medical instruments, consumables and emergency supplies. Durable, easy to carry, easy to clean and disinfect.
2	Portable Oxygen Cylinder	Portable medical oxygen cylinder complete with pressure regulator, flowmeter, carrying arrangement and accessories suitable for ambulance use. Securely stored and readily accessible.
3	Fixed Oxygen Cylinder	Fixed medical oxygen cylinder complete with regulator, flowmeter and outlet connection. Securely mounted within the patient compartment with easy access during patient care.
4	Portable Suction Unit	Portable suction unit suitable for emergency airway management. Rechargeable or vehicle powered. Supplied with suction tubing, collection container and accessories. Easy to clean and disinfect.
5	Defibrillator	Portable defibrillator suitable for pre-hospital emergency use. Compact, battery operated and supplied complete with accessories, electrodes and carrying case.
6	Portable Pulse Oximeter	Portable battery-operated pulse oximeter suitable for adult and pediatric patients. Digital display of SpO ₂ and pulse rate. Supplied complete with probes and accessories.
7	Emergency Drug Kit (Resuscitation Drugs)	Complete emergency drug kit suitable for pre-hospital resuscitation and emergency patient management. Supplied in a durable carrying case with organized compartments. Medicines shall be supplied in accordance with applicable Jordanian regulations and end-user requirements.

No.	Equipment	Minimum Technical Requirements
8	Main Wheeled Patient Stretcher	Suitable for ambulance use and compatible with the supplied ambulance. Lightweight construction with adjustable backrest, foldable side rails, smooth loading/unloading mechanism, waterproof easy-to-clean mattress and compatible stretcher locking system.
9	Patient Restraint Belts	Integrated patient restraint belts suitable for safe patient transportation. Adjustable, durable, quick-release and easy to clean.
10	Stretcher Locking & Retention System	Compatible with the supplied stretcher. Provides secure fixation during transportation with easy loading and quick-release mechanism.
11	Attendant Seat	Securely mounted attendant seat with seat belt. Comfortable, durable and easy-to-clean surface suitable for ambulance use.
12	Medical Storage Cabinets	Medical storage cabinets suitable for ambulance use with sufficient storage space. Durable, easy to clean and securely installed.
13	Medical Drawers & Compartments	Storage drawers and compartments for medical supplies. Securely closed during transportation and easy to clean.
14	Ceiling Grab Rail	Securely mounted ceiling grab rail providing support for medical personnel during patient handling.
15	IV Hooks / Infusion Holders	Securely mounted IV hooks suitable for hanging IV fluid bags during patient transportation.
16	Interior LED Medical Lighting	LED lighting providing adequate illumination for patient examination and treatment within the patient compartment.
17	Fixed Oxygen Cylinder Mounting Bracket	Secure mounting bracket compatible with the supplied oxygen cylinder and designed to prevent movement during vehicle operation.
18	Washable Medical Work Surface	Smooth medical work surface suitable for ambulance use. Easy to clean, disinfect and resistant to routine cleaning agents.

No.	Equipment	Minimum Technical Requirements
19	Roof Ventilation / Air Diffusers	Adjustable ventilation outlets integrated with the ambulance air-conditioning system to provide adequate airflow throughout the patient compartment.

Vehicle Technical Requirements (CASEVAC Ambulance)

No.	Requirement	Minimum Technical Requirements
1	Configuration	Three-seater configuration.
2	Ambulance Type	Fully equipped CASEVAC ambulance suitable for casualty evacuation operations.
3	Drive Configuration	4×4 capability suitable for off-road and harsh terrain operation.
4	Steering	Left-hand drive.
5	Engine	Tropicalized diesel engine suitable for high ambient temperatures and harsh environmental conditions in Jordan.
6	Air Conditioning	Air-conditioning system serving both driver cabin and patient compartment, suitable for hot climate operation.
7	Emergency Warning System	Complete siren and emergency warning system including audible and visual warning devices suitable for emergency response vehicles.
8	General Requirement	The supplied CASEVAC ambulance shall be complete in all respects, fully assembled, tested, and ready for immediate operational use upon delivery. All medical equipment, fixtures and installations shall be securely mounted, fully compatible with the supplied ambulance, and designed for ambulance applications. The complete ambulance, including the vehicle, medical equipment and installations, shall comply with the manufacturer's specifications and applicable internationally recognized standards, where applicable.

Technical Specifications for CASEVAC			
SN	Requirements	Compliant/Non-compliant	Note: If not compliant *Please provide
1	Doctor's Bag		
2	Portable Oxygen Cylinder		
3	Fixed Oxygen Cylinder		
4	Portable Suction Unit		
5	Defibrillator		
6	Portable Pulse Oximeter		
7	Emergency Drug Kit (Resuscitation Drugs)		
8	Main Wheeled Patient Stretcher		
9	Patient Restraint Belts (Integrated with Main Stretcher)		
10	Stretcher Locking & Retention System		
11	Attendant Seat		
12	Medical Storage Cabinets		
13	Medical Drawers & Compartments		
14	Ceiling Grab Rail		
15	IV Hooks / Infusion Holders		
16	Interior LED Medical Lighting		
17	Fixed Oxygen Cylinder Mounting Bracket		
18	Waste Container		
19	Washable Medical Work Surface		
20	Roof Ventilation / Air Diffusers		
21	Air Conditioning System		
22	Siren and Electronic Warning System		
23	Emergency LED Warning Lights		
24	Interior Communication System (Driver–Patient Compartment), if applicable		
25	12V/USB Power Outlets for Medical Equipment		
26	Fire Extinguisher		
27	First Aid Kit		
28	Spare Wheel		
29	Recovery Kit		
30	Exterior Working/Search Lights		
31	Complete emergency doctor's bag suitable for pre-hospital emergency care. Supplied with organized compartments for medical instruments, consumables and emergency supplies. Durable, easy to carry, easy to clean and disinfect.		
32	Portable medical oxygen cylinder complete with pressure regulator, flowmeter, carrying arrangement and accessories suitable for ambulance use. Securely stored and readily accessible.		
33	Fixed medical oxygen cylinder complete with regulator, flowmeter and outlet connection. Securely mounted within the patient compartment with easy access during patient care.		
34	Portable suction unit suitable for emergency airway management. Rechargeable or vehicle powered. Supplied with suction tubing, collection container and accessories. Easy to clean and disinfect.		
35	Portable defibrillator suitable for pre-hospital emergency use. Compact, battery operated and supplied complete with accessories, electrodes and carrying case.		
36	Portable battery-operated pulse oximeter suitable for adult and pediatric patients. Digital display of SpO ₂ and pulse rate. Supplied complete with probes and accessories.		
37	Complete emergency drug kit suitable for pre-hospital resuscitation and emergency patient management. Supplied in a durable carrying case with organized compartments. Medicines shall be supplied in accordance with applicable Jordanian regulations and end-user requirements.		
38	Suitable for ambulance use and compatible with the supplied ambulance. Lightweight construction with adjustable backrest, foldable side rails, smooth loading/unloading mechanism, waterproof easy-to-clean mattress and compatible stretcher locking system.		
39	Integrated patient restraint belts suitable for safe patient transportation. Adjustable, durable, quick-release and easy to clean.		
40	Compatible with the supplied stretcher. Provides secure fixation during transportation with easy loading and quick-release mechanism.		
41	Securely mounted attendant seat with seat belt. Comfortable, durable and easy-to-clean surface suitable for ambulance use.		
42	Medical storage cabinets suitable for ambulance use with sufficient storage space. Durable, easy to clean and securely installed.		
43	Storage drawers and compartments for medical supplies. Securely closed during transportation and easy to clean.		
44	Securely mounted ceiling grab rail providing support for medical personnel during patient handling.		
45	Securely mounted IV hooks suitable for hanging IV fluid bags during patient transportation.		
46	LED lighting providing adequate illumination for patient examination and treatment within the patient compartment.		
47	Secure mounting bracket compatible with the supplied oxygen cylinder and designed to prevent movement during vehicle operation.		
48	Smooth medical work surface suitable for ambulance use. Easy to clean, disinfect and resistant to routine cleaning agents.		
49	Adjustable ventilation outlets integrated with the ambulance air-conditioning system to provide adequate airflow throughout the patient compartment.		
50	Three-seater configuration.		
51	Fully equipped CASEVAC ambulance suitable for casualty evacuation operations.		
52	4x4 capability suitable for off-road and harsh terrain operation.		
53	Left-hand drive.		
54	Tropicalized diesel engine suitable for high ambient temperatures and harsh environmental conditions in Jordan.		
55	Air-conditioning system serving both driver cabin and patient compartment, suitable for hot climate operation.		
56	Complete siren and emergency warning system including audible and visual warning devices suitable for emergency response vehicles.		
57	The supplied CASEVAC ambulance shall be complete in all respects, fully assembled, tested, and ready for immediate operational use upon delivery. All medical equipment, fixtures and installations shall be securely mounted, fully compatible with the supplied ambulance, and designed for ambulance applications. The complete ambulance, including the vehicle, medical equipment and installations, shall comply with the manufacturer's specifications and applicable internationally recognized standards, where applicable.		
58	LED lighting providing adequate illumination for patient care inside the ambulance. Individually controlled and suitable for ambulance operation.		
59	Secure mounting bracket compatible with the supplied oxygen cylinder. Designed to prevent cylinder movement during vehicle operation.		
60	Removable waste container suitable for medical waste. Securely installed and easy to clean.		
61	Smooth, durable work surface suitable for medical use. Easy to clean and resistant to routine cleaning and disinfecting agents.		
62	Ventilation outlets providing adequate airflow throughout the patient compartment. Adjustable and integrated with the ambulance ventilation/air conditioning system.		
63	All equipment, fixtures and installations shall be new, suitable for ambulance use, securely mounted, compatible with the supplied ambulance, and designed to withstand normal operating conditions. All supplied equipment shall comply with the manufacturer's specifications and applicable internationally recognized standards, where applicable.		

LIST OF ITEMS AND COMPLIANCE TABLE

1. List of Items and Quantities

Item No.	Item Description	Quantity	Unit
1	CASEVAC 4x4 Ambulance, fully converted and equipped in accordance with the Tender Requirements	4	Unit
2	MEDEVAC 4x4 Ambulance, fully converted and equipped in accordance with the Tender Requirements	2	Unit

2. Compliance Table (to be completed by the bidder)

The bidder shall complete the table below for all items.

Failure to complete the compliance table or provide clear and traceable references may result in rejection of the offer.

Req No.	Requirement Description	Requirement Reference (Annex 1)	Compliance (Yes/No)	Offered Specification / Value	Reference to Brochure (Page/Line)	Offered Model / Details
1	4x4 Equipped CASEVAC and MEDEVAC Ambulance					
2	Diesel Engine					
3	4-Stroke Engine					
4	6 Cylinders					
5	Minimum Engine Power: 215 HP					
6	Euro 5 Emission Standard (without AdBlue)					
7	Fuel Tank Capacity ≥ 70 Litres					

Req No.	Requirement Description	Requirement Reference (Annex 1)	Compliance (Yes/No)	Offered Specification / Value	Reference to Brochure (Page/Line)	Offered Model / Details
8	Fuel Filler Identification and Fuel Compatibility Labelling					
9	Automatic Gearbox					
10	Suspension System Suitable for Vehicle Design Parameters					
11	Anti-lock Braking System (ABS)					
12	Hill Start Assist (HSA / HAC / HLA)					
13	Tubeless Radial Tires					
14	Spare Wheel Included					
15	All Tires Including Spare of Same Size and Interchangeable					
16	Tire Manufacturing Age Not More Than One Year					
17	Left-Hand Drive (LHD)					
18	Fully Powered Steering					
19	Adjustable Steering System					
20	Manufacturing Year 2026 or Later					
21	12V DC to 220V AC Inverter					
22	Minimum Three (3) 220V Sockets					
23	Minimum Three (3) 12V Sockets					
24	Public Address System with Multi-Tone Siren					

Req No.	Requirement Description	Requirement Reference (Annex 1)	Compliance (Yes/No)	Offered Specification / Value	Reference to Brochure (Page/Line)	Offered Model / Details
25	Patient Cabin Air Conditioning System					
26	Electronic Siren System with Driver Cab Control Unit					
26A	Siren Loudspeaker Installed in Driver Cab Area					
27	Spare Wheel Mounting Arrangement					
28	Basic Issue Items (Tool Kit, Jack, Tire Inflation Hose, Chocks, Pressure Gauge, Reflective Triangle)					
29	Driver and Co-Driver Headrests, Armrests, front Sunvisor and Seat Belts					
30	Air Conditioning, Heating and Defrosting Systems					
31	Onboard Diagnostic System					
32	Power Windows for Driver and Co-Driver					
33	Qty: 2 Fire Extinguishers: 2 kg on the back and 1kg in driver's cabin with Mounting Brackets					
34	Partition Between Driver and Patient Cabin with Sliding Window					

Req No.	Requirement Description	Requirement Reference (Annex 1)	Compliance (Yes/No)	Offered Specification / Value	Reference to Brochure (Page/Line)	Offered Model / Details
35	Tip-Up Bench with back rest, with Compartment beneath					
36	Floor in patient's cabinet: wooden floor, Anti-Slip, Anti-Bacterial and Washable Patient Cabin Floor					
37	Medical Cabinet for Equipment and Tools Storage					
37A	Medical Cabinet Designed and executed for Storage and Mounting of Equipment and Tools					
38	Foldable and Swiveling Doctor Seat with head rest, back rest and Safety Belt					
39	All Equipment Compartments are Washable					
40	CASEVAC Kit Included for CASEVAC vehicles					
41	MEDEVAC Kit Included for MEDEVAC vehicles					
42	Compliance with All Applicable Vehicle Registration Requirements in Jordan					

3. Mandatory Instructions to Bidders

- The bidder shall clearly indicate YES or NO compliance for each requirement.
- The bidder shall provide measurable technical values corresponding to each requirement where applicable (e.g. engine power, fuel tank capacity, number of sockets, dimensions, capacities, etc.).
- The bidder shall provide precise references to brochure, catalogue or manufacturer documentation page and line number.
- Generic statements such as “Compliant” without supporting reference and technical evidence shall not be accepted.
- The bidder shall indicate the exact make, model and configuration of the offered ambulance.
- The bidder shall clearly identify all ambulance conversion components, integrated systems and medical systems included in the offer.
- Any deviation from the specifications shall be clearly identified and explained.
- The Contracting Authority reserves the right to request additional technical clarification or supporting documentation in order to verify compliance.
- Failure to provide sufficient supporting technical documentation may result in the requirement being assessed as non-compliant.



JORDAN ARMED FORCES

The DIRECTIONATE OF ROYAL MEDICAL SERVICES BIOMEDICAL TECHNOLOGY CENTER



Item 1	Transport ventilator	Qty. ()
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IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details			
Name of Manufacturer			
Model/ catalogue number			
Country of Origin for the offered model			
Country where the manufacturer is based			
Delivery time			
Full warranty period			
	Minimum Requirements	Compliance (Y/N), Notes	Brochure Page No.
1	Transport and portable ventilator that is dedicated for emergency ventilation during and after resuscitation		
2	Pneumatic mechanical type or microprocessor controlled		
3	Light-weight ≤ 2 Kg		
4	Spill proof design of at least IPX3		
5	Simple operation and fast setting of parameters		
6	Durable original carrying case should be included		
7	An upper handle to easily transport the ventilator		
8	Built in battery that is easily accessible		
9	Controls and parameters: a) Tidal volume: adjustable 60-900 ml or better b) Respiration rate (frequency): adjustable 10-25 min ⁻¹ or better c) Ventilation pressure d) Inspiratory flow		

العقيد الدكتور المهندس
مدير مركز تكنولوجيا الأجهزة الطبية
علي سلمان رباحة
August 2026

فادي توفيق الحباشنة
المقدم المهندس



JORDAN ARMED FORCES

The DIRECTORATE OF ROYAL MEDICAL SERVICES
BIOMEDICAL TECHNOLOGY CENTER



	Minimum Requirements	Compliance (Y/N), Notes	Brochure Page No.
10	Alarms: a) Apnea b) Low supply pressure c) Low battery level		
11	All standard accessories needed to operate the unit must be included (O ₂ cylinder, hoses)		



JORDAN ARMED FORCES

The DIRCETROATE OF ROYAL MEDICAL SERVICES BIOMEDICAL TECHNOLOGY CENTER



Item 1	Defibrillator	Qty. ()
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IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	

	Minimum Requirements	Compliance (Y/N), Notes	Brochure Page No.
1	Dedicated for hospital use only		
2	Easy to use defibrillator/monitor with both manual and AED defibrillation capabilities.		
3	Biphasic waveform technology.		
4	Arrhythmia ECG monitoring capability through ECG lead sets and through external paddles.		
5	Synchronisation capability through front panel button		
6	Lightweight unit of less than 8 kg with batteries and external paddles		
7	Coloured LCD display of size not less than 5.5 inches and with at least the following:		
	a- Error messages (system errors, disconnected ECG lead or pads etc.)		
	b- Heart rate display		



JORDAN ARMED FORCES

The DIRECTORATE OF ROYAL MEDICAL SERVICES BIOMEDICAL TECHNOLOGY CENTER



	c- Selected energy level display		
	d- Synchronization indicator display		
	e- Battery capacity status and AC power supply indicator		
8	Energy selection: Through front panel rotary knob or touch buttons to select energy level between 2 Joules and 200 Joules (or higher)		
9	Shock control: Through both front panel and paddles.		
20	Charging time: less than 7 seconds to reach 200 Joules energy level using new fully charged batteries.		
11	The unit must feature charging and charged indicator tones		
12	QRS beeper with adjustable volume		
13	Self test defibrillator capability		
14	Built in rechargeable batteries with the following specifications:		
	a- Less than 5 hours charging time		
	b- Capacity: at least 100 shocks at 200 Joules energy level		
15	Built in full annotation recorder with 25 mm-sec nominal speed.		
16	The unit must feature audio and visual alarms		
17	The following must be included with each unit:		
	a- 3 lead ECG cable		
	b- External adult paddles, adult plates slide off to expose pediatric electrode surface		
	c- Paper roll Qty. 10		
17	All standard accessories needed to operate the unit must be included		



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SPECIAL TERMS

- Offers not complying with any of the special terms or the technical specifications shall be considered non-conforming with tender requirements.
 - Any vendor providing **FORGED** documents shall be disqualified from the current tender and banned from participating in any future RMS tenders.
 - Wherever term "based" is mentioned it refers to the country where the manufacturing company is founded & established.
1. All equipment must be the most recently released model/version which is equal to or higher than the range of the specifications of the required system (low, mid or high) and equal to or higher than the level of technology and required options mentioned in the technical specifications.
 2. Required certificates (must be submitted with the technical offer):
 - 2.1 FDA clearance (510K) for equipment of USA based companies.
 - 2.2 Medical Device Regulation (MDR 2017/745) or In Vitro Diagnostic Regulation (IVDR 2017/746) certificate for equipment of EU (European Union) based companies.
 - 2.3 UKCA certificate for Equipment of Great Britain based companies (England, Scotland, Northern Ireland, and Wales).
 - 2.4 ARTG (Australian Register of Therapeutic Goods) certification or approval for Australian and New Zealand based companies.
 - 2.5 Establishment License with the relevant Device License issued by the Therapeutic Products Directorate for Equipment of Canadian based companies.
 - 2.6 PMDA (Pharmaceuticals and Medical Devices Agency) certification or approval for equipment of Japanese based companies.
 - 2.7 Swissmedic (Swiss agency for therapeutic products) certification or approval for equipment of Swiss based companies.
 - 2.8 Norwegian Medicines Agency certification or approval for equipment of Norwegian based companies.
 - 2.9 Only for class I medical equipment manufactured by companies based in one of the countries mentioned above, submission of either one of the certificates mentioned above or a declaration of conformity certificate from the manufacturer confirming that the equipment fully complies with the applicable regulations in at least one of these countries.



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2.10 For X-ray equipment, MRI, and nuclear medicine systems (regardless where the manufacturing companies are based) the following are required:

2.10.a) At least two of the certificates mentioned above, one of which must be FDA clearance (510K).

2.10.b) A list of installation basis of the same offered model and/ or previous models in reputable national and/or international healthcare institutes with at least three years of operation, list should include: Name of hospital, Model installed, Quantity, and date of installation.

The purchasing committee has the right to officially contact any of these hospitals and disqualify any offer where the feedback is negative in operation, after sales service or local agent performance

2.11 For all other equipment mentioned in (2.10) and where the manufacturing companies are based in other origins than the mentioned in terms (2.1 - 2.8) the following is required in addition to (2.10.a), only for class I medical equipment submission of certificates mentioned in 2.9 shall be accepted:

Evaluation certificate from the Royal Medical Services for the same offered model with at least 80% passing grade (If applicable based or/and needed on purchasing committee perspective).

If the evaluation is not applicable (based on purchasing committee perspective) bidder should submit a list of installation basis as mentioned in term (2.10.b).

2.12 The vendor is responsible to ensure through official documents that classified medical devices are manufactured in conformity with applicable quality system standards (ISO, IEC); (the international quality systems standard for medical device manufacturing ISO 13485) or ISO9001.

2.13 With each offer, bidders must provide a formally endorsed document issued by the manufacturer stating that the bidder is the sole certified agent for the offered item.

2.14 In all of the above cases (except 2.13) certificates must be formally endorsed by JFDA.

2.15 Any vendor not submitting all required certificates will be eliminated.

3. Official website of the manufacturer must be provided. The website must clearly demonstrate the history profile and manufacturing features of the company including the same offered model and its brochure.

In case of inconsistency between the information on the website with the provided information of the local agent regarding any offered product, the committee has the right to eliminate that product from the awarding process.



4. *The local agent shall provide a comprehensive and up-to-date company profile as part of the tender submission. The company profile must include, at minimum: a clear overview of the company's background and core business, valid commercial registration documents, authorized distributorship certificates for the offered products, organizational structure, details of technical support and after-sales service capabilities, and evidence of previous experience in supplying similar medical equipment. Failure to submit a complete and clear company profile shall result in the rejection of the tender offer*
5. *Offered items should be from reputable well known manufacturers and excellent experience in the field. In any case the purchasing committee has the right to request any of the following:*
 - a) *Evaluation certificate from the Royal Medical Services for the same offered model or previous models as mentioned in term (2.11).*
 - b) *A list of installation basis of the same offered model and/ or previous models as mentioned in term (2.10.b).*
 - c) *A sample of the same offered model at any time during the purchasing process, the sample unit shall be delivered within three weeks from the date of a written notification; any vendor rejects to deliver a sample unit will be eliminated. Evaluation duration will be determined by the purchasing committee.*
Any offered item fail in the evaluation/assessment process will be rejected
 - d) *Free sale certificate issued and stamped by any governmental entity in one of the countries mentioned in (2.1-2.8).*
6. *Vendors must specify the origin of the offered items and accessories in the technical offer.*
7. *Bidders must submit their reservations/queries regarding tender specifications and/or special terms within the first half of the tender closing period starting from the tender announcement date. Reservations/queries submitted after the end of this period shall be rejected.*
8. *Goods are to be brand new; manufacturing date of the delivered products should not exceed 18 months from the date of the final award.*
9. *Delivery period should be mentioned clearly; the purchasing committee has the right to reject any offer with delivery time exceeding 4 months.*
10. *Warranty:*
 - a- *Offers must include a full warranty for a period of a minimum of 24 months from the date of installation or 30 months from the date of receiving the items at the agreed location mentioned in the final order (whichever comes first).*
The supplier must furnish DRMS with a financial warranty (either cheque or bank warranty) equals to 5% of the total value of the awarded items issued from an operating bank in Jordan.



Warranty must include corrective & preventive maintenance activities as per manufacturer recommendations including:

- *Required spare parts (free of charge)*
- *Labour*
- *Hardware*
- *Software*
- *Rechargeable batteries*

At the end of the warranty period, the supplier commits to implement final inspection of the submitted goods and submit the reports signed by the site chief engineer stating that the equipment is working properly as well as all preventive maintenance reports during the warranty period.

Warranty & installation are excluded for items mentioned in Attachment no.1 the purchasing committee has the right to exclude any other item not listed in the attachment and does not required installation and warranty.

- b- In the case where a delay in installation has occurred as a result of the supplier's dereliction and has exceeded a period of one month from the date of receiving the items, the approved warranty period will automatically be considered as 24 months from the date of installation.*
- c- If at any time during the warranty period the item becomes inoperative due to a technical fault, warranty will be extended according to downtime period.*
- d- If the downtime period exceeds 30 consecutive days the supplier must replace the item with a new identical functioning one (within the same delivery period mentioned in the final offer). In case the item was replaced by a new one, the warranty period mentioned in 10.a) above will start from the installation and commissioning date of the new item.*
- e- Local agent/ supplier is committed to transport and install any awarded item during the warranty period on free of charge basis to any location inside the country whenever required by Royal Medical Services, this should not include pre-installation requirements in the new site.*

11. All offered items (main unit) should be fully designed, manufactured, and labelled by their real original manufacturer in which all related testing, research, development and approvals went through.

Any relabelled products for the main unit (white-label manufacturing, OEM, or repackaging) are rejected.

12. One set of operation manual(s) and one set of service manual(s) including schematics and a spare-part list must be delivered with each unit, CD/DVD is acceptable. For large tenders, a certain agreed percentage of manuals per item may be agreed upon.



13. Where applicable, pre-installation shall be the sole responsibility of the supplier. Pre-installation shall include removal of old system(s), any civil work, electrical work or site modification(s) necessary to accommodate the new system(s) according to manufacturers' specifications and safety standards in addition to the work required for bringing back the site to the same working conditions as before installing the new system(s).
14. Power requirements: where applicable either single phase 220V, 50Hz or 3-phase 380V. Systems with external transformers are considered conforming only if clearly stated in the technical specifications.
15. Technical offers must include clear original technical brochures/catalogues for all offered items.
16. Offers must include fully detailed technical offers and compliance sheets as a soft copy (either Microsoft office or Microsoft excel format) in addition to a hard copy, mentioning the exact model/catalogue number and country of origin of the offered item(s), full technical description/specifications and any accessories or options included in the offer.
Offer must clearly indicate the origin of the offered item and the country where the manufacturer of the offered items is based.
17. Compliance sheets must be as per the tabular format of the technical specifications in the tender documents, listing the required specifications on one column and a Yes or NO response to each point in the adjacent column, with reference to page and line numbers in the relevant technical brochure. Offers not complying with this term shall be rejected.
18. Qualifications and after sales service: The technical bid should contain all the necessary documents (training certificates) to prove the capability of the bidders for supplying and installing a trouble free equipment meeting the quality standards and technical specifications of the manufacturer and the ability of the bidders for providing efficient after sales service conducted by authorized certified biomedical service engineers with minimum 2 years experience in the same field.
19. Accessories and consumables:
- 19.1 Any accessories and consumable items necessary to operate the offered system must be clearly identified and priced separately.
All offered accessories and consumables must be approved by the manufacturer.
- 19.2 Technical offers must include a priced list for all accessories and consumables related to the required equipment as a hard copy in addition to a soft copy (either Microsoft office or Microsoft excel format) with prices fixed for a period of five years from the date of installation and commissioning with a maximum annual increase of 2%, any essential item not listed will be considered free of charge.



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19.3 Accessories and consumables must be priced according to their delivery destination either to Queen Alia International Airport or to RMS Main Medical Stores.

19.4 Where applicable, a start-up kit of accessories and consumable items must be provided with each system on a free-of-charge basis.

20. Spare Parts:

20.1 Technical offers must include a comprehensive and priced list of all spare parts related to the awarded equipment (including rechargeable batteries) as a hard copy in addition to a soft copy (either Microsoft office or Microsoft excel format) valid for a minimum period of five years with a maximum annual increase of 2%, commencing at the end date of the warranty period, any essential item not listed will be considered free of charge.

20.2 Spare parts must be priced according to their delivery destination either to Queen Alia International Airport or to RMS Main Medical Stores.

20.3 Prices of spare parts should be reasonable and will be taken into consideration during the purchasing process; the purchasing committee has the right to eliminate any offered item with unreasonable high prices of spare parts.

20.4 Delivery period of required spare parts should not exceed 2 months from the date of the final order.

21. Spare parts, consumables and accessories availability must be guaranteed for a minimum period of ten years starting from the date of installation and commissioning.

22. Local agent is committed to sign a service contract with Royal Medical Services to perform all relevant maintenance for the awarded equipment (whenever required by DRMS within a period that does not exceed one year from the end date of the warranty period and if mentioned clearly in the specifications) without exceeding the original mentioned cost and as per mentioned terms within minimum required period.

23. Tender Awards:

23.1 For the final list of offers having a chance of winning the award, the awarding process shall be based on the accumulative value of both the offered item and its' running cost (Total Cost of Ownership) over a period of seven years from the date of installation and commissioning. Only offers with the lowest total cost of ownership over a period of seven years from the date of installation and commissioning shall qualify for the award.



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- 23.2 *Running cost includes the value of consumables, accessories needed to operate the system over the same period as well as the cost of any service contract (where applicable).*
24. *For PC/Laptop based systems:*
- 24.1 *Complete restoration medium (CD/DVD/etc.) of the operating system and the application software must be supplied.*
- 24.2 *Purchased licenses, software keys & dongles must be provided at any time during and after the warranty period on free of charge basis whenever required by DRMS for a minimum period of ten years starting from the date of installation and commissioning.*
- 24.3 *Where locally supplied computers, laptops & printers are offered, the offered model should be from well known manufacturer.*
25. *Pricing must include services of sale, shipment, transportation, delivery from port to site or to Main Medical Stores, installation, pre-installation (if needed), training, commissioning, warranty and bringing the equipment into service.*
26. *Custom clearance of goods shall be the responsibility of the Jordanian Armed Forces (JAF), however, suppliers shall bear all costs incurred by handling charges and any demurrage charges or extra expenses incurred by the port's corporation (including expenses caused by delay in presenting the necessary shipment documents for either clearing or transporting the goods to the required location mentioned in the final order, delivery note issuing charges, unloading charges, local shipping charges etc.). The supplier is also responsible for providing of all relevant shipping documents, together with the delivery order(s).*
27. a. *DRMS has the right to increase the awarded quantities by a percentage not exceeding 35% after the final order notification with the same prices, terms and conditions of the original contract upon DRMS request and approval of the awarded party.*
- b. *DRMS has the right to decrease the awarded quantities by a percentage not exceeding 50% after the final order notification with the same prices, terms and conditions of the original contract upon DRMS request and approval of the awarded party.*
28. a. *Bidder is not allowed to submit more than one offer for the same item whether that's solely or in coalition or partnership with other bidders.*
- b. *Bidder is allowed to include within their offer optional alternatives for the same offered item from the same manufacturer.*



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29. *The supplier must furnish DRMS with a guarantee stamped and legalized by the Notary Public equals to (115%) of the total value of the awarded equipment valid for twelve months from the date of final acceptance of the equipment by DRMS.*
30. *Training:*
- 30.1 *For items where abroad service training courses are required in technical specifications, offers must include a certified service training program for at least 3 working days at a reputable center abroad recognized by the manufacturer for at least one biomedical engineer or biomedical technician; all costs inclusive, air tickets, , boarding, commuting, accommodation (minimum 3 star hotel on full board basis) and any extra costs.*
- 30.2 *For items where abroad user training courses are required in technical specifications, offers must include a certified operator training program at a reputable center abroad recognized by the manufacturer for at least one operator; all costs inclusive, air tickets, boarding, commuting, accommodation (minimum 3 star hotel on full board basis) and any extra costs.*
- 30.3 *The period of the training courses must be according to the manufacturer's program excluding traveling days and must be stated clearly in the technical offer.*
- 30.4 *Training Programs must conform to the following standards:*
- User training must comprise understanding and use of operation manual(s), correct and safe operation of the equipment, as well as user preventive maintenance and calibration.*
 - Service training must comprise: theory, understanding and use of service manual(s), calibration, preventive maintenance procedure, and practical troubleshooting and repair exercises, and must be conducted by professional instructors employed or authorized by the system manufacturer.*
 - Service training must be conducted on a system of identical make, model, and configuration to that purchased by DRMS, and designated by the manufacturer or the local agent for training purposes.*
 - Certificates must be endorsed and officially sealed by the system manufacturer, legally empowering trainees to engage in user and service activities according to operation and service manual(s).*
 - Where applicable, offers must include an on-site user and service training.*



Attachment 1

#	Equipment
1	Adjustable Auto Pipettes
2	Resuscitation Bag
3	Laryngoscope Set
4	Oxygen Flow meter wall type/ single
5	Regulator Suction with canister, wall vacuum outlet
6	Oxygen Regulator for Oxygen Cylinders
7	Pulse Oximeter, Finger type
8	Oxygen Cylinder
9	Doppler, portable
10	Diagnostic set, Portable
11	Direct Ophthalmoscope, Portable
12	Otoscope, Portable
13	Air Mattress System, homecare
14	Stethoscope
15	Aneroid Sphygmomanometer
16	Video Assisted Laryngoscope, portable
17	Scale, Manual
18	Wood's Light
19	Cough Pressure, Normal Saline
20	Rehabilitation Walking Parallel Bars, non-powered
21	Therapy Mat
22	Medical Ball All Size
23	Dumbbells Rack with complete set of dumbbells
24	Crutches
25	Shoulder wheel
26	Mobile Mirror
27	Cuff Weights
28	Walker, different sizes
29	Patient Elbow Stick
30	Rehabilitation Training Ladder
31	Rehabilitation Suspension Frame
32	Exercise Band All Size (Theraband)



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33	<i>Lens trial set</i>
34	<i>Wheel Chair</i>
35	<i>Commode Chair</i>
36	<i>Bassinet (Baby Cot)</i>
37	<i>Resuscitation Cart (Crash Cart)</i>
38	<i>Medication Cart</i>
39	<i>Cart, Drawers</i>
40	<i>Examination Couch, Manual</i>
41	<i>Gynaecology Examination Table, Manual</i>
42	<i>Examination Table, Neonates, Manual</i>
43	<i>Intravenous Pole, Mobile Stand</i>
44	<i>DDA Cabinet</i>
45	<i>Stainless steel Multipurpose Trolley</i>
46	<i>Cabinet, Instrument, Operation Theatres</i>
47	<i>Dressing Cart</i>
48	<i>Stainless steel wire shelving unit</i>
49	<i>Paper Trolley</i>
50	<i>Stainless Steel Sink (Clean up counter)</i>
51	<i>Scopes Cabinet</i>
52	<i>Mayo Table</i>
53	<i>Table, Instrument</i>
54	<i>Stool, Adjustable, Doctor</i>
55	<i>Stool, Adjustable, Operation Theatres</i>
56	<i>Carts, linen/laundry, soiled, Double</i>
57	<i>Closed distribution trolley</i>
58	<i>Step Ladder, Conductive, Double</i>
59	<i>Step, Surgeon, Single</i>
60	<i>Kick Bucket</i>
61	<i>Mobile Stand for Oxygen Cylinder</i>
62	<i>Stainless Steel Wire Basket, 1 STU</i>
63	<i>Cart, Plaster</i>