



Reference to: RfQ26/03246: Supply of one type C and one type B ambulances
Negotiation ID: UNDP-MDA-00964

Questions and Answers as of 24 Apr 2026

1. Subject of the question: Ambulance type B Main stretcher with wheels and patient fixation system: Reusable mattress, made of resistant material, which allows easy washing and disinfection: Length 1950 mm \pm 20 mm; Minimum width 550 mm \pm 20 mm;

Question: • Please accept a mattress that is compatible with the stretcher. A mattress that does not fit perfectly on the stretcher frame creates areas of instability. • If it is too small: The patient can slide sideways during sudden turns or braking, increasing the risk of additional trauma. • If it is too large: The edges can roll, creating an uneven surface that affects the patient's spine. • Ambulance stretchers are equipped with seat belts and specific fastening systems. • A mattress that is too wide can cover the belt attachment points, making it difficult or even impossible to secure the patient. • A mattress that extends beyond the edges can block the folding of the side rails, essential to prevent the patient from falling. It cannot have the same dimensions as the stretcher, so we respectfully request that you adjust Length 1920 mm \pm 20 mm; Minimum width of 490 mm \pm 20 mm.

Answer: Revised. Please refer to adjusted specification requirement in amended RFQ.

2. Subject of the question: Portable Pulse Oximeter

Question: "Portable Pulse Oximeter - Operating Temperature -20 – + 50°C." Clarification: Given the medical use of the device and the usual technical specifications of portable pulse oximeters (which usually indicate an operating range between 0°C / +5°C - +40°C / +45°C, and SpO2 measurement is affected at very low temperatures due to peripheral perfusion), we assume that the range of -20°C to +50°C actually refers to the Storage/Transport Temperature, not to the Operating (Operating) Temperature. Please clarify whether the requirement of -20°C to +50°C refers to the Storage/Transport Temperature or the Operating (Operating) Temperature.

Answer: Revised. Please refer to adjusted specification requirement in amended RFQ.

3. Subject of the question: Portable Pulse Oximeter

Question: "Portable Pulse Oximeter - Maximum Weight 200 gr (without batteries)."

Clarification: Please also accept devices that have a maximum weight of 300 gr with batteries included.

Answer: Revised. Please refer to adjusted specification requirement in amended RFQ.

4. Subject of the question: Portable pulse oximeter - LSD or TFT screen, color, minimum 2.8 inches

Question: Reference: "Portable pulse oximeter - LSD or TFT screen, color, minimum 2.8 inches."

Clarification: Please analyze the acceptance of a screen with a minimum size of 2.4 inches.

Below we list arguments that justify the equivalence of efficiency between a 2.4 inch screen and a 2.8 inch one:

1. Pixel Density (Resolution): The screen size (diagonal) is not the most important determining factor of readability. A specification related to the minimum pixel limit in correlation with the size must be established. The product we want to offer has a resolution of 320×240 pixels which makes the numbers and graphs displayed clearly, brightly and without distortion, even at a slightly smaller diagonal. Critical information is perfectly legible from a normal reading distance.
2. Display Essential Parameters: Whether we are talking about a 2.4" or a 2.8" diagonal, the screen allows the simultaneous display of the same requested data.

3. Energy Efficiency: A 2.4" screen is generally more energy efficient, contributing to longer battery life and greater battery autonomy.

Answer: Revised. Please refer to adjusted specification requirement in amended RFQ.

5. Subject of the question: Mattress with handles for patient transfer

Question: Mattress with handles for patient transfer, made of washable material, with a minimum width of 90 cm. Clarification: Please also accept mattresses with handles for patient transfer made of washable material with a minimum width of 76 cm. We mention that the product we want to offer has at least 8 transfer handles and a length of at least 185 cm, which makes it easy to use and with a sufficient coverage area for patients. The standard width for all manufacturers of such mattresses is 76 cm. There are also special mattresses for overweight people, but these have a width of 160 cmx220 cm and a weight of 6.6 kg.

Answer: Revised. Please refer to adjusted specification requirement in amended RFQ.

6. Subject of the question: Materials and auxiliary devices: Flashlight

Question: Rechargeable portable lantern - 1 piece and Rechargeable and detachable flashlight (battery life min.2 h 30 min at a light output of min. 1500 lm). Clarification: Please specify whether it is a single flashlight that must meet the 2 specifications.

Answer: It is a single flashlight that must meet the specifications enlisted in both places.

7. Subject of the question: 3.2. Battery and alternator - 12V-220V inverter, minimum power 1500 W; 220 V sockets for medical devices in the patient compartment - minimum 4 pieces, which shall be powered by a 12V DC - 220V AC inverter with a minimum capacity of 1500 W.

Question: Please accept a 700W inverter for the following reasons:

1. We propose a premium inverter, with a pure sine wave that offers maximum power at high levels of peak power, even in the most demanding conditions. It has a continuous power of 700W even at a high temperature of 40 degrees Celsius.
2. According to the equipment of type B and type C ambulances, there is only one medical equipment in the ambulances that must be powered at 230Vac voltage. The consumption of an ECG device is maximum 200W (theoretically according to the technical sheet it consumes 0.5A at 230V which means a consumed power of 115W) According to the consumption of the medical device, the power reserve remaining in the special vehicle is at least 500W.
3. Replacing the inverter with one of higher capacity does not only mean replacing the product, increasing the capacity of the inverter means increasing the additional battery, electrical wiring, electrical fuses, space in the technical compartment because the equipment is much more voluminous, but also the cost of the equipment.

From our point of view, according to what was mentioned above, we do not consider the usefulness of such a large inverter mounted in a type B or C special vehicle because with the proposed inverter a fairly large power reserve is allocated, and the vast majority of medical equipment comes with a dual power supply option, i.e. 230V or 12Vcc. Having the possibility to power the optional equipment both at 230Vac via the inverter and directly at 12Vcc from the 12Vcc sockets in the vehicle.

Answer. Minimum power/capacity requirement for inverter has been lowered to 1200 W

8. Subject of the question: Russian and English language

Question: Please accept where Russian and English are requested, the Romanian/Russian and English language version.

Answer: given the left bank of the Nistru river specifics Russian language is a mandatory requirement. Additional Romanian version is encouraged.

9. Reference: 1.2 Type of the car's body - Ground clearance minimum 200 mm (not including spare wheel);

Question: Please accept a ground clearance of 194 mm. A slightly lower ground clearance lowers the center of gravity, which is critical for an ambulance driving at high speed in corners, reducing the risk of overturning. Most light commercial vehicle (LCV) chassis used as the basis for B or C type ambulances at European level (Mercedes-Benz Sprinter, Volkswagen Crafter, Ford Transit, Renault Master) have a standard ground clearance ranging from 170 mm to 195 mm. Requiring a minimum ground clearance of 200 mm automatically excludes manufacturers of chassis approved for conversion into high-performance ambulances.

Answer: Revised. Please refer to adjusted specification requirement in amended RFQ.

10. Reference: Ambulance type C 1.2 Type of the car's body - Wheel Base – not more than 3400 mm

Question: Please accept a wheelbase of 3640 mm.

A longer wheelbase (3640 mm vs 3400 mm) considerably improves directional stability and patient comfort during emergency transport.

Argument: The longer wheelbase reduces pitch (front-to-back movement of the body) during sudden braking or acceleration.

Justification: In a type C ambulance, where critical medical maneuvers are performed while walking, platform stability is essential for the safety of the medical act.

Ergonomics of the Medical Space (Type C)

Type C ambulances require complex equipment and space for a full medical team.

Argument: The 3640 mm wheelbase allows for a higher compartmentalization of the medical cell without compromising the weight distribution on the axles.

Justification: A longer chassis provides a better reach around the stretcher, facilitating the doctor's access to the patient's head and vital monitoring equipment, exceeding the minimum space standards imposed by the EN 1789 norm.

Answer: Revised. Please refer to adjusted specification requirement in amended RFQ.

11. Reference: EKG grounding cable-1 piece; Fuses-2 pieces;

Question: Please remove the requirement to have a grounding cable and 2 fuses for the ECG equipment. In an ambulance, the concept of "grounding" (grounding via an external stake/cable) is not only practically impossible in motion, but also electrically irrelevant for a portable ECG.

Chassis Ground (Equipotentiality): The ambulance operates as an isolated system (Faraday). All medical equipment mounted on the ambulance is connected to the vehicle ground (chassis). According to the EN 1789 standard (Medical vehicles and their equipment), electrical safety is ensured by connecting to the vehicle's electrical system, not by an external cable to ground. As for fuses, modern medical monitoring equipment has internal electronic protections against overvoltage and short circuits.

Answer: Revised. Please refer to adjusted specification requirement in amended RFQ.

12. Reference: EKG To possess the calibration system.

Question: Please remove this requirement. Modern EKG equipment is completely digital. Unlike the old analog devices (with galvanometer and stylus), where calibration was necessary to ensure the precision of the mechanical movement, today's devices use microprocessors and integrated circuits. Most modern EKG devices perform an automatic self-test at each power-up.

Answer: Revised. Please refer to adjusted specification requirement in amended RFQ.

13. Reference: EKG Built-in SD card of 2 GB, which allows to record over 10000 ECG waves.

Question: Please accept the 2GB USB version which allows to record over 10,000 ECG waves.

Answer: Revised. Please refer to adjusted specification requirement in amended RFQ.

14. Reference: ECG device with carrying case - Online update software available.

Question: Please also accept ECG devices with update software available upon request, free of charge.

Answer: Revised. Please refer to adjusted specification requirement in amended RFQ.

15. Reference: Ambulance type B - Wheel chair, with patient fastening system - Fixed to the wall of the ambulance.

Question: Please accept that the patient transport chair can be mounted on one of the rear doors of the ambulance, as specified for type C ambulances. Workspace Optimization (Ergonomics) The patient compartment in an ambulance is, by definition, a restrictive space. Freedom of movement: By moving the chair to the door, you free up the side wall. This allows medical personnel to move without hitting the chair's protrusions during critical maneuvers. Access to equipment: The side walls are usually used for oxygen intakes, secretion aspirators or intervention bags. Without a chair stored there, access to these resources is direct and unobstructed.

Rapidity of Intervention and Logistic Flow: In an emergency, seconds count, and the flow of movement must be linear. Direct external access: If the chair is on the door, it can be unfolded and used as soon as the doors are opened, without the paramedic having to get into the car. It reduces the "preparation" time at the scene of the intervention.

Answer: Revised. Please refer to adjusted specification requirement in amended RFQ.

16. Reference: Ambulance type B –

Refrigerated bag for thermolabile medicines:
Inner dimension (L * W * H): 180 * 100 * 80 mm (+/- 20 mm);
External dimension (L * W * H): 240 * 170 * 195 mm (+/- 20 mm);
LCD temperature display.
Units of measurement: oC and oF
With the possibility to adjust the temperature.
Operating mode between +2 oC and +8 oC;
Possibility to work in the environment with a minimum temperature: +35 oC.
LCD size: min 58 * 18 mm;
Net weight: 3-5 kg;
Volume: min 1.5 L;
Total weight (with accessories): 5-6 kg
Accessory:
Internal battery (16000mAh) - 2 pcs;
Car adopter - 1 piece;
Charger - 1 pc;
Adjustable shoulder strap - 1 piece;
Cover for accessories - 1 piece;
Power:
AC: voltage: 100V-240V,
DC: Voltage: 12V,
Battery: Voltage: 7.4V, Capacity (lithium battery) - min 16000 mAh;
Input / output voltage (adapter) AC100V-240V / DC9.0V;
Voltage (lithium battery) - DC 7.4V;
Battery working time: min 6 hours;
Support AC110 ~ 240V, DC12V.
The interior will be equipped with a horizontal dividing support for medicines of 1-10ml (min 20 amp.)
With special place, well fixed in the patient's compartment with the possibility of 220V or 12V power supply.

Question: These specifications are for the product Refrigerated bag for thermolabile medicines of the Manufacturer Zhengzhou Dison Electric Co.,Ltd Model BC-1500A. This product is no longer manufactured. We propose the option of installing a refrigerated drawer integrated into the ambulance

furniture or if a portable product is desired we can offer you Haier, model HZY-8Z, for which we have attached the brochure.

Answer: The requirement is to have a portable product. Please use Annex 4 Technical responsiveness table and indicate proposed alternative and include the proposed specification details /technical discrepancies if any.

17. Reference: Hammer to break the window - 2 pieces, (one in the driver's cabin and another in the patient's compartment). Safety belts cutting device– 1 piece.

Question: We would like to offer a 2 in 1 product: a hammer to break the windows combined with a knife to cut the seat belts. Please accept the supply of 2 such products, one mounted in the patient's compartment and one mounted in the driver's cabin.

Answer: Please refer to adjusted specification requirement in amended RFQ.

18. Regarding the Similar Experience required within the procedure, considering the inconsistencies in the tender documentation, as follows:

- In Annex No. 2, the following is required:

“Previous relevant experience: At least 2 (two) contracts for supplying similar goods within the past 5 (five) years with a value not less than **USD 200,000 each.**”

- In the document “REQUEST FOR QUOTATION NO. RfQ26/03246”, under SECTION 3: SPECIAL INSTRUCTIONS, the following is required under Documents to be submitted:

- o List and value of 3 (three) most relevant projects similar to the object of the present RfQ performed during the last 5 (five) years, including the following information:

- Name of previous contracts
- Client & reference contact
- Details including active e-mail
- Contract value
- Period of activity / delivery period
- Types of services delivered

- o Statements of satisfactory performance (Certificates) from the 3 (three) top clients in terms of contract value in a similar field.

- In the document “REQUEST FOR QUOTATION NO. RfQ26/03246”, under SECTION 3: Evaluation Criteria, the following is required:

- o Minimum 2 (two) contracts for supplying similar goods within the past 5 (five) years with a value not less than **USD 300,000 each.**

Question:

Please specify the required number of contracts with similar products and the minimum required contract value.

Reply: Revised. Please refer to adjusted RFQ document.

19. In the document “REQUEST FOR QUOTATION NO. RfQ26/03246”, under the Payment Terms section, it is stated:

- “100% within 30 days after receipt of goods and submission of payment documentation.”

Question:

We kindly ask you to accept that the payment within 30 days from receipt of the goods and receipt of the documentation may also be made by documentary letter of credit (Letter of Credit).

Reply: Payment terms cannot be changed. 30 days NET after receipt of goods remains, as per announced RFQ document.