

Interreg



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Direcția regională situații excepționale UTA Găgăuzia a
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„APPROVE”

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TECHNICAL SPECIFICATION

”Minibus”

1. DESTINATION

1.1. The minibus is intended for the transport of firefighters, rescue personnel and accompanying equipment from fire and rescue units to intervention sites, training activities and operational missions.

1.2. The vehicle shall be designed for intensive operational use, ensuring the safe, rapid and efficient transportation of personnel under both normal and emergency conditions, including deployment in urban, rural and interurban areas, as well as cross-border activities, in accordance with the objectives of disaster risk prevention, preparedness and response.

1.3. The minibus shall ensure a high level of reliability, safety and comfort for the crew, being suitable for frequent starts and stops, extended operating hours and variable road conditions, while allowing the proper organization of personnel and the transport of personal protective equipment and light intervention gear.

2. GENERAL REQUIREMENTS

2.1. Minibus shall be brand new, unused, with no previous owners, and manufactured no earlier than 2026.

2.2. The minibus shall be designed for passenger transport in an operational and emergency context, suitable for intensive daily use by professional emergency services, including deployment for intervention, training and cross-border cooperation activities.

2.3. The vehicle shall have a robust and reliable construction, suitable for continuous operation under varying climatic and road conditions, ensuring a high level of safety, stability and operational availability.

2.4. All requirements set out in this Technical Specification shall be considered minimum and mandatory. Any offer that does not fully comply with these minimum requirements shall be considered non-compliant and shall be rejected.

Offers proposing characteristics, equipment or performance exceeding the minimum requirements shall be accepted, provided that such improvements do not alter the functional purpose of the vehicle.

In such cases, the Bidder shall clearly indicate in the offer the elements that demonstrate superior quality or performance and shall submit supporting technical documentation issued by the manufacturer or authorized representative.

The Purchaser reserves the right to refuse any proposed alternative or modification if, following the evaluation, it is determined that the vehicle does not fully meet the mandatory minimum requirements defined in the present Technical Specification.

3. TECHNICAL CHARACTERISTICS

The minibus shall be a passenger van with a seating capacity of 8 persons, including the driver, suitable for the transport of operational personnel of emergency services.

3.1. Bodywork and Cabin:

3.1.1. Factory-built passenger minibus, not converted post-production (except for installation a Acoustic and Optical Warning System);

3.1.2. Number of doors: minimum 3 (driver door, front passenger door, sliding side door);

3.1.3. Seating configuration: 8 individual seats, including driver. All seats equipped with integrated 3-point safety belts;

3.1.4. Left-hand drive;

3.1.5. Height-adjustable and tilt-adjustable steering wheel;

3.1.6. Electrically operated windows for the front doors;

- 3.1.7. Heated exterior rear-view mirrors with electric adjustment;
- 3.1.8. Interior rear-view mirror according to manufacturer standard;
- 3.1.9. Driver and front passenger seats adjustable (longitudinal, height, backrest inclination);
- 3.1.10. Passenger compartment equipped with adequate factory-installed lighting;
- 3.1.11. Cabin climate system with heating and air conditioning for both driver and passenger area, including separately for the rear of the passenger compartment;
- 3.1.12. Audio system with radio, USB and Bluetooth connectivity;
- 3.1.13. Central locking system with remote control and at least two keys.

3.2. Dimensions and Weights:

- 3.2.1. Overall length: minimum 5,350 mm;
- 3.2.2. Overall width (excluding mirrors): maximum 2,000 mm;
- 3.2.3. Overall height: maximum 2,000 mm (excluding mounted Acoustic and Optical Warning System);
- 3.2.4. Wheelbase: according to manufacturer standard for passenger version minimum 3,400 mm;
- 3.2.5. Gross Vehicle Weight (GVW): maximum 3,300 kg;

3.3. Engine and Auxiliary Systems:

- 3.3.1. Diesel engine;
- 3.3.2. Minimum engine power: 230 HP;
- 3.3.3. Engine displacement: minimum 1,950 cm³;
- 3.3.4. Turbocharged engine;
- 3.3.5. Fuel tank capacity: minimum 65 liters;
- 3.3.6. Emission standard: according to EU regulations in force on the date of delivery.
- 3.3.7. Fuel filter with water separator;

3.4. Transmission:

- 3.4.1. Automatic gearbox;
- 3.4.2. Rear-wheel drive or all-wheel drive (4x4);
- 3.4.3. Power-assisted steering;
- 3.4.4. Electronic stability control system (ESP or equivalent);
- 3.4.5. Traction control system (ASR or equivalent).

3.5. Braking System:

- 3.5.1. Anti-lock Braking System (ABS or equivalent);
- 3.5.2. Disc brakes on front axle;

- 3.5.3. Disc or drum brakes on rear axle;
- 3.5.4. Parking brake (manual or electric);
- 3.5.5. Hill-start assist system.

3.6. Wheels and Tires:

- 3.6.1. Single wheels on front and rear axles;
- 3.6.2. Summer tires mounted on alloy rims;
- 3.6.3. Winter tires mounted on steel rims;
- 3.6.4. Minimum tire size according to manufacturer specification for passenger version, the minimum tire size shall be 225/55/R17;
- 3.6.5. One full-size spare wheel on alloy rims.

3.7. Suspension:

- 3.7.1. Independent strut suspension with coil springs, hydraulic shock absorbers and anti-roll bar, according to manufacturer standard for passenger minibus configuration;
- 3.7.2. Independent rear suspension with coil springs and hydraulic shock absorbers, according to manufacturer standard for passenger minibus configuration.
- 3.7.3. Suspension system shall be designed to ensure stability, ride comfort and safety when transporting a fully occupied passenger compartment;
- 3.7.4. Anti-roll stabilization systems shall be provided on at least the front axle, according to manufacturer standard;
- 3.7.5. The suspension shall be suitable for continuous operation on urban, rural and interurban roads, including uneven road surfaces.

3.8. Additional Equipment:

- 3.8.1. Acoustic and Optical Warning System;

3.8.2. A light bar, 1150-1250 mm. in length, 350-400 mm in width and no wider than the cabin, mounted on the roof at the front top of the cabin, with blue LED strobe modules, protected by a stainless-steel grille for impact resistance, with the following specifications:

3.8.3. The design consists of left and right optical modules (beacons), each containing 18 LEDs with lenses. An acoustic module is centrally located.

3.8.4. 3.8.2.2. Total number of LEDs — 36. Power per LED — 3W, total optical power — 162W. Each LED is equipped with a directional reflector.

3.8.5. Additionally, the system includes separate left and right LED lights, each containing 3 LEDs with a power of 9W, equipped with lenses.

3.8.6. The system has 7 lighting modes selectable by the operator. Control is via a single unit with mode indication.

3.8.7. The LEDs are equipped with lenses and mounted on an aluminum radiator.

3.8.8. The bar has corrosion and water-resistant protection. 360-degree lighting, light sensor, traffic routing.

3.8.9. The acoustic module includes a siren, located in the center of the bar, with the following characteristics:

3.8.10. Acoustic signal generator with minimum 5 tone options.

3.8.11. Signal power 90-110W, sound pressure level — 116-125 dB. Signal frequency — up to 300-8000 Hz. Signal cycle duration — maximum 7 sec.

3.8.12. There is an external audio input with capability for voice message transmission via a microphone. The siren is controlled from a single unit with a microphone.

3.8.13. Presence of a backup power line.

3.9. Lighting System:

3.9.1. Headlights with electric or manual adjustment;

3.9.2. Automatic running lights;

3.9.3. Daytime running lights;

3.9.4. Clearance lights;

3.9.5. Front and rear fog lights;

3.9.6. Reverse lights;

3.9.7. Light sensor;

3.9.8. Interior lighting for driver and passenger compartments, suitable for night-time operation;

3.9.9. Vehicles must be equipped with LED lighting, except for the low beam, which may be halogen.

3.10. Specific Accessories for the Vehicle:

The following accessories and equipment shall be supplied and delivered as part of the vehicle package, either as factory-fitted options or as supplementary equipment installed/provided by the Supplier:

3.10.1. First aid kit;

3.10.2. Tool kit and specific accessories for the chassis;

3.10.3. Jack capable of replacing a wheel;

3.10.4. Reflective warning triangles: at least 2 pieces;

3.10.5. Spare wheel (rim + tire) mounted inside of the vehicle;

3.10.6. P6 type fire extinguisher mounted in the cargo bed;

3.10.7. Rubber floor mats for each seat;

3.10.8. A tire inflation compressor with a power of at least 200W, a pressure of at least 5.5 bar, a 12V power supply with a reinforced cable, a built-in analog or digital pressure gauge, with an air bleed function.

3.10.9. Protective covers for front and rear seats, made of high-strength material, with a color close to the color of the seats.

4. FINAL REQUIREMENTS

4.1. Warranty:

4.1.1. Considering the special purpose of the vehicles and the operating conditions, the Bidder shall guarantee a minimum of 200,000 km or 2 years (whichever comes first) for all key powertrain components (engine and transmission) under the specified operating conditions.

4.1.2. Considering the special purpose of the vehicles and the operating conditions (including both paved and unpaved public roads) and the fact that the vehicle is equipped with an automatic transmission, the Bidder shall guarantee a minimum of 200,000 km for all transmission components under the specified operating conditions.

4.1.3. The warranty certificate, written in simple and understandable terms, shall specify the product identification details, warranty period, the average duration of use for which product compliance is ensured, and the methods of warranty provision—maintenance, repair, replacement—and the timeline for completion (according to the specifications in the tender). It should also include the name and address of the seller and the specialized service unit.

4.1.4. The Supplier is required to provide permanent technical assistance services, with a response time to requests of no more than 24 hours.

4.2. Delivery, Reception, and Marking:

4.2.1. The vehicles shall be delivered and received at the headquarters no later than 17 September 2026 to the premises of official dealer in Moldova or the Regional department of emergency situations ATU Gagauzia, located at 7 Novaia Street, Comrat, Moldova.

4.2.2. The vehicles shall be brand new, unused, and without any previous owners.

4.2.3. The Supplier shall deliver the vehicles in a manner that prevents any damage or deterioration during transportation to the designated location. The transportation and all associated costs shall be the sole responsibility of the Bidder.

4.2.4. The Supplier is responsible for ensuring timely delivery of the vehicles, taking into account any potential challenges, and shall not invoke any reason for delay or additional costs.

4.2.5. The delivered vehicles shall comply with the provisions of the Government of the Republic of Moldova Decision No. 357/2009 on the approval of the Road Traffic Regulations, with subsequent amendments and additions.

4.3. Maintenance During the Warranty Period:

4.3.1. During the warranty period, all technical inspections of the vehicles, as per the service plan developed by the manufacturer of the vehicle, shall be detailed and carried out in the Republic of Moldova. The costs for these technical inspections shall be borne by the Purchaser.

4.3.2. Bidders shall include in their offer the service plans, including estimated costs for the chassis and other onboard equipment, as developed by their respective manufacturers. They shall also provide a defect remediation procedure for the warranty period in accordance with the intended use of the vehicles, covering a minimum of five years from the date of acceptance.

4.3.3. During the warranty period, any product malfunction shall be resolved by the Supplier within the following deadlines:

- For the vehicle chassis, installations, and special onboard equipment: no more than 10 working days from the date of written notification by the owner/beneficiary/end user. If the necessary parts for repairs are imported by the service provider, the repair timeframes shall be agreed upon with the Supplier's representatives but shall not exceed 20 working days;

- For optical-acoustic warning systems: no more than 10 working days from the date of written notification by the owner/beneficiary/end user. If the necessary parts for repairs are imported by the service provider, the repair timeframes shall be agreed upon with the Supplier's representatives but shall not exceed 20 working days.

4.4. Procedure for Defect Remediation During the Warranty Period:

4.4.1. Defective equipment shall be handed over to the Contractor's representatives based on official transfer documents, the format of which shall be agreed upon after contract signing.

4.4.2. Repaired/replaced equipment returned to the Purchaser shall be functionally tested, and relevant reception documents shall be signed. The repaired equipment shall be accompanied by a mandatory repair report detailing the identified defect(s), a detailed description of the issue(s), and the service actions taken to resolve them.

4.4.3. If the Supplier fails to meet the deadlines mentioned above for repairing a vehicle or its onboard equipment during the warranty period, the Purchaser has the right, after sending prior notification, to calculate penalties for each day of delay

between the expiration of the deadline and the fulfillment of the obligation, in accordance with legal provisions.

4.4.4. The product warranty (for replaced or repaired items) shall be extended by the time elapsed from the date the Supplier or its representative in the Republic of Moldova was notified of the defect until the date the product was returned to the Purchaser in good working condition.

4.5. Technical Support:

4.5.1. The maintenance of the vehicles shall be ensured by the Supplier, either directly or through subcontracting/association, as applicable, via the official distributor network of the vehicle manufacturer or other authorized service units in the Republic of Moldova. These units shall be certified by the vehicle manufacturer or its authorized representative. At the time of submitting the offer, the Supplier shall provide a list of service units, including contact details that shall be responsible for maintenance during the warranty period.

4.5.2. The service units shall be authorized and operational at the time of submitting the offer. The Supplier shall have at least one (1) authorized service center at the national level. If the defect remediation during the warranty period requires transporting the vehicle to another country other than Moldova, all associated costs (transport, insurance, per diem, etc.) shall be covered by the Supplier.

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