

TECHNICAL SPECIFICATIONS

"Vehicle with 4x2 wheel drive"

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1. GENERAL REQUIREMENTS

The 4x2 wheel-drive vehicle, with sufficiently high ground clearance, capable of transporting a minimum of 4+1 passengers as well as small or medium-sized loads such as luggage, ensuring minimum comfort for passengers both in urban driving and over longer distances, while also offering passable characteristics in cases of medium complexity with or without.

The vehicle must comply with the regulations in force for technical transport units

1.1 Norms and standards :

1.1.1 The delivered vehicle will comply with the provisions of the Decision of the Government of the Republic of Moldova No. 357 of 13.05.2009 regarding the approval of the Road Traffic Regulation with subsequent amendments and additions.

1.1.2 The delivered vehicle will comply with the requirements of this Specification.

1.1.3 We mention the fact that the car will circulate both on the territory of the Republic of Moldova and in the countries of the European Union and, respectively, must ensure the minimum traffic requirements on public roads in these regions, possibly complying with the provisions of Directive 2007/46/CE which establishes safety requirements and environmental requirements that vehicles must comply with before being introduced on the EU market .

1.2 General description:

1.2.1 Year of production: 2024-2025;

1.2.2 Maximum authorized total weight: 2000 kg;

1.2.3 Vehicle weight: 1500 kg;

1.2.4 Chair capacity : 4+1;

1.2.5 Doors: 5;

1.2.6 OFF-road type: 4x2;

1.2.7 Length: maximum 4600 mm;

1.2.8 Height : maximum 1700 mm;

1.2.9 Width: maximum 1950 mm;

- 1.2.10 Payload capacity: minimum 500 kg;
- 1.2.11 Trunk volume with spare wheel –minimum 400 liters;
- 1.2.12 Exploration warranty: 36 months / 100000 km;
- 1.2.13 Body anti-corrosion warranty- minimum 3 years;
- 1.2.14 Passive safety system, minimum:
 - a) three point seat belts – 4+1;
 - b) airbags, minimum 4;
 - c) head restraints- 4+1 .
- 1.2.15 Dashboard- metric, digital;
- 1.2.16 Signaling installations, minimum:
 - a) driver's seat belt not fastened;
 - b) reverse gear;
 - c) exterior lights left on;
 - d) tire pressure;
- 1.2.17 Will be delivered by car:
 - a) wheel wrench;
 - b) car jack;
 - c) warning light (reflective triangle);
 - d) reflective vest;
 - e) first aid kit the minimum content of which must comply with the provisions of Government Decision no. 1306 of 21.11.2008;
 - f) set of rubber mats.
- 1.2.18 Central locking with key remote control;
- 1.2.19 User manual, preferably in Romanian.

1.3 Body type: SUV (*Sport Utility Vehicle*).

2. PERFORMANCE

2.1 Engine

- 2.1.1 Fuel type: gasoline, diesel;
- 2.1.2 Euro 4 or more environment friendly;
- 2.1.3 Rollers: 4 in a row;
- 2.1.4 Valves: minimum 2 per cylinder;
- 2.1.5 Engine power: minimum 70kW (96 HP);
- 2.1.6 Engine displacement: 1300 cm³ – 2000 cm³;
- 2.1.7 Fuel consumption control: maximum 8.0 l/100 km;
- 2.1.8 Fuel tank capacity – minimum 500 km.

2.2 Braking system:

- 2.2.1 The braking system is one of the “disc” type for the front axle and of the “disc/drum” type for the rear axle;
- 2.2.2 There shall be anti-lock braking system (ABS or equivalent);
- 2.2.3 Electronic brake force distribution system of EBD type or similar;
- 2.2.4 Emergency braking assistance system, such as EBA (Emergency Brake Assist) or similar to reduce the risk of collision;
- 2.2.5 Servo assisted.

2.3 Rolling part :

- 2.3.1 There shall be hill-start HSA assist system or similar;
- 2.3.2 Traction control system ASR system or similar;
- 2.3.3 Electronic vehicle system of ESP type or similar;
- 2.3.4 Gearbox: manual, automatic, semi-automatic;
- 2.3.5 Cruise Control;
- 2.3.6 Wheels: steel rims size R16-R18, alloy rims are also accepted;
- 2.3.7 The vehicle will be equipped with summer tires, including a spare wheel;
- 2.3.8 A set of winter tires (4 pieces);
- 2.3.9 Tire size comparable to size R16-R18;
- 2.3.10 Power assisted steering system;
- 2.3.11 Ground clearance: minimum 150 mm with the vehicle loaded;
- 2.3.12 Wheelbase: minimum 1800 mm;
- 2.3.13 Front and rear coil springs.

2.4 External appearance:

- 2.4.1 Color: white, gray, silver
- 2.4.2 The vehicle shall have a lighting and light signaling system including: fog lights, side marker lights, additional side turn signals, reflectors;
- 2.4.3 Headlights with LED lightning elements;
- 2.4.4 Fog lights;
- 2.4.5 Electrically adjustable and heated exterior mirrors;
- 2.4.6 Front and rear mudguards;
- 2.4.7 Front and rear bumpers- car color;
- 2.4.8 Longitudinal flag bars;
- 2.4.9 Body-colored door handles;
- 2.4.10 Parking sensors, at least rear.

2.5 Cabin

- 2.5.1 Thermal and sound insulation;
- 2.5.2 Air condition system;
- 2.5.3 Two interior sun visors mounted above the windshield;
- 2.5.4 Interior rearview mirror;
- 2.5.5 Radio with USB (or/and CD) and Bluetooth connection, with at least 4 audio speakers with the possibility to operate them from the steering wheel area;
- 2.5.6 Height and reach adjustable steering wheel;
- 2.5.7 Soft, comfortable front seats, upholstered with textile materials manually adjustable in at least 2 settings, at least the driver's seat (front-back and height), and 3-point seat belts, with pockets behind them for placing things;
- 2.5.8 The rear seat(s) should be soft, comfortable upholstered with textile materials equipped with 3-point seat belts, with the possibility of folding to increase the luggage compartment space;
- 2.5.9 Center console with cup holder;
- 2.5.10 Armrest, at least for the driver;
- 2.5.11 Carpet floor specific to cars;
- 2.5.12 Ceiling-mounted comfort control with lighting functions;
- 2.5.13 12V sockets, at least 2, one on the center console, one for the rear passengers;
- 2.5.14 Interior lamp in the ceiling;
- 2.5.15 Front and rear windows electrically operated, including from a single panel mounted in an area accessible to the driver;
- 2.5.16 Rear window with heating option;
- 2.5.17 1 car fire extinguisher must be provided, with a pressure gauge with a mounting location.

3. RECEPTION

The vehicle will be delivered in 20 days from signing contract date, of the Directorate of Exceptional Situations in Hincesti municipality, located at 101 A, 31 August 1989 street, Hincesti municipality.

After the delivery of the vehicle and its equipment, they will be tested. The test distance 1000 km. With the completion of the testing period, an Acceptance Form will be signed, according to the legislation of the Republic of Moldova in force. Once the Acceptance Form is issued, the warranty period will begin, during which the defects will be reported, and the defective equipment (parts/equipment) will be replaced without any charges.

The vehicle must be manufactured in its entirety or completely and approved in accordance with the provisions of Regulation No. 107EC-UN. The vehicle offered must comply with Regulation (EU) 2018/858 of the European Parliament and of the Council of 30 May 2018 on the approval and market surveillance of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles, amending Regulations (EC) No. 715/2007 and (EC) No. 595/2009 and repealing Directive 2007/46/EC. The vehicle must comply with the applicable harmonised standards on road safety and environmental protection.

The supplier shall present the **EU type-approval certificate**, issued by the competent authorities of an EU Member State, in the original or a true copy thereof.

According to the 246 Government Decision from 08.04.2010 on the application of tax and customs facilities related to the implementation of ongoing technical and investment assistance projects which fall under the jurisdiction of international treaties to which Republic of Moldova takes part, Appendix nr. 1, 293⁶⁹⁹ ID AMP 87211686695, procurement procedures within "ROMD00184 FAST- Forest firefighting with aerial support" Project fall under the application of tax and customs facilities related to the implementation of ongoing technical assistance/investments projects.

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