

# SPECIFICATIONS

## **1. Introduction**

The Specifications are an integral part of the award documentation related to the stated procedure and constitutes the set of requirements on the basis of which the technical and financial offer will be drawn up by each procurement participant. The Specifications contain technical specifications, which will be considered as minimal. In this sense, any offer presented, which deviates from the provisions of the Specifications, will be taken into consideration, but only in so far as the technical proposal involves the ensuring of a qualitative level higher than the minimum requirements from the Specifications. The offers that do not meet the requirements of the Specifications will be declared non-compliant offers and will be rejected.

## **2. Necessity**

The purpose of these specifications is to purchase aerial tower trucks for the modernization and creation of the necessary conditions for the enterprise's production activity.

## **3. Technical characteristics requirements**

3.1. General requirements: All technical requirements are minimum and mandatory. The aerial tower trucks offered must be new and unused, with all the characteristics specified below in the table.

3.2. The bidder must have the status of an official distributor in the Republic of Moldova for the tendered aerial tower truck.

3.3 The bidder must present the list of economic agents authorized (name, address, telephone, etc.) to provide maintenance and repair services for the mechanism and chassis, including during the post-warranty period.

### **Additional requirements:**

- Presentation of the table with the costs for technical services (materials, labor) according to the operation book during the warranty period with price maintenance throughout the warranty period.
- The warranty period for both the mechanism and the chassis will be minimum 36 months with no mileage limit.
- The term for putting the aerial tower trucks back into operation during the warranty period in case of malfunction will not exceed 20 calendar days.

### **Minimum technical requirements Lot 1:**

<b>No.</b>	<b>Characteristic</b>	<b>M.U.</b>	<b>Technical data requested Lot 1</b>
<b>1</b>	<b>Lifting mechanism</b>		
1.1	Type		Telescopic
1.2	Drive system		Electrohydraulic
1.3	Working height	m	≥ 22
1.4	Lateral working distance with maximum load	m	Min. 12

1.5	Maximum height gauge	mm	3800
1.6	Lifting capacity	kg	Min. 200
1.7	No. of persons in the nacelle		Max. 2
1.8	Nacelle rotation	°	Min. 60 on both sides
1.9	Mechanism rotation	°	360
1.10	Electrical insulation	V	Min. 1000
1.11	Anemometer		+
1.12	System of nacelle orientation in horizontal position		+
1.13	Nacelle surface	m <sup>2</sup>	1±0,1
1.14	Device of communication between the driver and the nacelle worker		+
1.15	Remote control in the nacelle and on the platform		+
1.16	Maximum load limiter		+
1.17	System of manual nacelle lowering in case of damage		+
1.18	Engine start/stop button in nacelle		+
1.19	Sound signaling device in the nacelle and from the control panel on the platform		+
1.20	Fixing device for mounting belts		+
<b>2</b>	<b>Characteristics of the vehicle</b>		
2.1	Total weight	kg	Max. 7500
2.2	Fuel type		Diesel fuel
2.3	Minimum pollution norm		Euro 5
2.4	Engine power	HP	120-150
2.5	Gearbox		Manual
2.6	Traction		Back
2.7	Ground clearance	mm	Min. 250
2.8	Braking system		Hydraulic/ABS/ASR
2.9	Places		Min. 3
2.10	Air conditioning system		+
2.11	On-board computer		+
2.12	Airbag for the driver, passenger		+
2.13	Pre-tensioned seat belts for all seats		+
2.14	Steering wheel adjustable in depth and height		+
2.15	Rear view mirrors		With heating
2.16	Electrically operated windows		+
2.17	Sun visors for the driver, passenger		+
2.18	Rubber mats for the vehicle's interior		+
2.19	Central locking		+
2.20	Metal motor protection shield		+

2.21	Fog lights		+
2.22	Audio system with radio, USB, Bluetooth		+
2.23	Spare wheel		+
2.24	Tire wrench, keys kit and vehicle suspension jack		+
2.25	Medical kit, reflective triangle and fire extinguisher		+

### Minimum technical requirements Lot 2:

No.	Characteristic	M.U.	Technical data requested Lot 2
<b>1</b>	<b>Lifting mechanism</b>		
1.1	Type		Telescopic
1.2	Drive system		Electrohydraulic
1.3	Working height	m	≥ 29
1.4	Lateral working distance with maximum load	m	Min. 13
1.5	Maximum height gauge	mm	3800
1.6	Lifting capacity	kg	Min. 250
1.7	No. of persons in the nacelle		Max. 2
1.8	Nacelle rotation	°	Min. 60 on both sides
1.9	Mechanism rotation	°	360
1.10	Electrical insulation	V	Min. 1000
1.11	Anemometer		+
1.12	System of nacelle orientation in horizontal position		+
1.13	Nacelle surface	m <sup>2</sup>	1±0,1
1.14	Device of communication between the driver and the nacelle worker		+
1.15	Remote control in the nacelle and on the platform		+
1.16	Maximum load limiter		+
1.17	System of manual nacelle lowering in case of damage		+
1.18	Engine start/stop button in nacelle		+
1.19	Sound signaling device in the nacelle and from the control panel on the platform		+
1.20	Fixing device for mounting belts		+
<b>2</b>	<b>Characteristics of the vehicle</b>		
2.1	Total weight	kg	Max. 20000
2.2	Fuel type		Diesel fuel
2.3	Minimum pollution norm		Euro 5
2.4	Engine power	HP	180 - 300

2.5	Gearbox		Manual
2.6	Traction		Integral
2.7	Ground clearance	mm	Min. 400
2.8	Braking system		Pneumatic/ABS
2.9	Wheels		Single
2.10	Places		2-3
2.11	Air conditioning system		+
2.12	On-board computer		+
2.13	Airbag for the driver, passenger		+
2.14	Pre-tensioned seat belts for all seats		+
2.15	Steering wheel adjustable in depth and height		+
2.16	Rear view mirrors		With heating
2.17	Electrically operated windows		+
2.18	Sun visors for the driver, passenger		+
2.19	Rubber mats for the vehicle's interior		+
2.20	Central locking		+
2.21	Metal motor protection shield		+
2.22	Fog lights		+
2.23	Audio system with radio, USB, Bluetooth		+
2.24	Spare wheel		+
2.25	Tire wrench, keys kit and vehicle suspension jack		+
2.26	Medical kit, reflective triangle and fire extinguisher		+
2.27	Steel cable winch		With towing capacity according to the weight of the transport unit
2.28	Winch cable length	m	Min. 50
2.29	Winch cable diameter	mm	Min. 16

#### **4. Award criteria**

The award criterion in the procedure - **the lowest price.**

#### **5. Delivery**

- a) The aerial tower trucks will be delivered within no more than 250 calendar days.
- b) The goods will be delivered under the technical conditions contained in the offer and the Technical Book.
- c) The goods offered must comply with the technical details specified in the technical annexes, must be manufactured within the last 12 months.
- d) Documents accompanying the delivery:
  - The passport of the mechanism.

- The certificate of conformity of the aerial platform.
  - The operating manual of the mechanism, in the Romanian language.
  - The chassis operation manual, in the Romanian language.
- e) The aerial tower trucks will be delivered to the Central Warehouse of SE Moldelectrica, Chisinau municipality, 8 Ciocana Street. The delivery of goods will be based on the handover-receipt report.

#### **6. Warranty and after-sales service:**

- a) The requested guarantee of the goods: minimum 36 months for the mechanism and chassis, with no mileage limit.
- b) The warranty period starts from the moment of signing the handover-receipt report.
- c) The supplier will have to ensure maintenance and repair services after the sale, safe and permanent at its headquarters or at an authorized technical service center that will be recorded in the sales of goods contract, with prompt response time to notifications, according to the requests of the present award documentation and the technical proposal of the economic operator, guaranteeing the repair of goods and the rapid replacement of defective parts.
- d) During the warranty period, all the spare parts and authorized interventions will be free of charge. Spare parts represent all the equipment components, except the consumables recorded in the Operation Manual.

#### **7. Final specifications**

- The offer on the basis of which the economic operator was declared the winner becomes an integral part of the sales and purchase agreement.
- The compliance with the instructions from the Specifications is mandatory for all economic operators who have submitted the offer.

***The technical and functional characteristics specified in the Specifications are minimal and mandatory.***

Please detail in your offer all the technical and functional characteristics that are relevant to the performance of the tendered product.