

ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

Contract title: Supply of < Vehicle for Extinguishing Forest Fires >

p 1 /...

Publication reference: < ocds-b3wdp1-MD-1761130932840>

Columns 1-2 should be completed by the contracting authority

Columns 3-4 should be completed by the tenderer

Column 5 is reserved for the evaluation committee

Annex III - the contractor's technical offer

The tenderers are requested to complete the template on the next pages:

- Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the tenderer),
- Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
- Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offered specifications.

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
1	Vehicle category: N3SG according to Moldova Vehicle and Trailer Registration Rules, type of car weighing up to 12 tons	Vehicle category: N3SG according to Moldova Vehicle and Trailer Registration Rules, type of car weighing 15 tons		
2	The brand-new and unused vehicle chassis shall be manufacture of minimum 2026;	The brand-new and unused vehicle chassis shall be manufacture 2026;		
3	The chassis manufacturer must have an official national representative in the Republic of Moldova, capable of ensuring maintenance and warranty for both offered the vehicle and the entire assembly (chassis + superstructure) Warranty period minimum 5 years or up to 150,000 km and post-warranty minimum 10 years with presentation of the warranty certificate/booklet, maintenance instructions and technical manuals.	The chassis manufacturer must have an official national representative in the Republic of Moldova – East-Test SRL, capable of ensuring maintenance and warranty for both offered the vehicle and the entire assembly (chassis + superstructure) Warranty period 5 years or 150,000 km and post-warranty 10 years with presentation of the warranty certificate/booklet, maintenance instructions and technical manuals.		

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
4	<p>Vehicle</p> <p>Overall dimensions (L x W x H): maximum length: 7000 mm; maximum width: 2550 mm; maximum height measured from the ground: maximum 3300 mm.</p> <p>The height shall be established when the vehicle is fully equipped and ready for deployment, with all equipment and full tanks, as well as the full crew onboard; Maximum Gradient: minimum 30 %;</p> <p>When fully equipped, with all supplies and the crew onboard (fully operational), the vehicle shall maintain stability for safe movement on terrain with inclinations of at least 25 degrees.</p> <p>The approach angles, departure angles, and ground clearance of the fully operational vehicle shall allow movement on unpaved roads and rough errain:</p> <ul style="list-style-type: none"> - Ground Clearance: minimum 450 mm, maximum 500 mm; - Angle of Attack: minimum 430; - Departure Angle: minimum 480 	<p>Vehicle</p> <p>Overall dimensions (L x W x H): length: 7000 mm; width: 2550 mm; height measured from the ground: 3300 mm.</p> <p>The height shall be established when the vehicle is fully equipped and ready for deployment, with all equipment and full tanks, as well as the full crew onboard;</p> <p>Maximum Speed: minimum 80 km/h;</p> <p>Maximum Gradient: minimum 30 %;</p> <p>When fully equipped, with all supplies and the crew onboard (fully operational), the vehicle shall maintain stability for safe movement on terrain with inclinations of at least 25 degrees.</p> <p>The approach angles, departure angles, and ground clearance of the fully operational vehicle shall allow movement on unpaved roads and rough errain:</p> <ul style="list-style-type: none"> - Ground Clearance: minimum 450 mm, maximum 500 mm; - Angle of Attack: minimum 430; - Departure Angle: minimum 480 		

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
5	<p>Chassis:</p> <p>Specific Engine Power: Engine in 4 cylinders in line with the power of at least 230 HP (generated exclusively by internal combustion engine);</p> <p>Engine torque: minimum 450 Nm;</p> <p>3.2.1. Engine and Auxiliary Systems:</p> <p>3.2.1.1. Engine category: add blue;</p> <p>3.2.1.2. Fuel type: diesel;</p> <p>3.2.1.3. Fuel tank with a minimum capacity of 150 liters, positioned so as not to affect the ability to pass through rough terrain and protected on the side and below by a metal shield, against damage when driving off paved or unpaved roads.</p> <p>3.2.1.4. Equipped with a traction control system.</p> <p>3.2.2. The chassis must have a winch mounted in the front of the vehicle:</p> <p>3.2.3. Transmission: 4x4 drivetrain, automatic.</p> <p>3.2.4. Wheels and Tires System:</p> <p>3.2.4.1. Tires shall be manufacture of minimum the year of procurement;</p> <p>3.2.4.2. Tires shall be manufactured in the European Union and meet the following criteria:</p> <p>3.2.4.2.1. Truck wheels shall be single with double hub seal for mud inserts;</p>	<p>Chassis:</p> <p>Specific Engine Power: Engine in 6 cylinders in line with the power of at least 250 HP (generated exclusively by internal combustion engine);</p> <p>Engine torque: 850 Nm;</p> <p>Engine and Auxiliary Systems:</p> <p>3.2.1.1. Engine category: add blue;</p> <p>3.2.1.2. Fuel type: diesel;</p> <p>3.2.1.3. Fuel tank with capacity of 180 liters, positioned so as not to affect the ability to pass through rough terrain and protected on the side and below by a metal shield, against damage when driving off paved or unpaved roads.</p> <p>3.2.1.4. Equipped with a traction control system.</p> <p>3.2.2. The chassis must have a winch mounted in the front of the vehicle:</p> <p>3.2.3. Transmission: 4x4 drivetrain, Cambio Automatico ZF</p> <p>3.2.4. Wheels and Tires System:</p> <p>3.2.4.1. Tires shall be manufacture of minimum the year of procurement;</p> <p>3.2.4.2. Tires shall be manufactured in the European Union and meet the following criteria:</p> <p>3.2.4.2.1. Truck wheels shall be single with double hub seal for mud inserts;</p>	<p>There is no available engine with 4 cylinders for such required engine power and torque</p>	<p>Page 4 of 21</p>

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
2021.1 c4f_annexiitechspecifitechnol_en(8)	<p>3.2.4.2.2. MPT tread (mixed off-road) tires mounted on steel rims (including the spare tire). The tires shall have a tread suitable for both asphalt and unpaved roads;</p> <p>3.2.4.2.3. Each wheel shall be protected by spraying water, at least with two nozzles from the self-protection system.</p> <p>3.2.4.3. Tire pressure control system or equivalent to adjust tire pressure for on-road / off-road conditions from the cabin. Tire pressure can be set quickly and easily using the buttons on the steering wheel/vehicle dashboard by preselection on the display;</p> <p>3.2.4.4. The spare tire of the same type and size as those mounted on the vehicle. The vehicle shall be equipped with a mechanism to lower and raise the spare tire from its mounted position without affecting clearance, regardless of its location on the vehicle;</p> <p>3.2.4.5. All wheels shall be equipped with mud-guards.</p> <p>3.2.5. Steering System:</p> <p>3.2.5.1. Power-assisted steering;</p> <p>3.2.5.2. Steering column adjustable in height and angle;</p> <p>3.2.5.3. Multifunction steering wheel on the left side.</p> <p>3.2.6. Braking System:</p> <p>3.2.6.1. Power-assisted;</p> <p>3.2.6.2. Electronic Braking System (EBS or equivalent);</p>	<p>MPT tread (mixed off-road) tires mounted on steel rims (including the spare tire). The tires shall have a tread suitable for both asphalt and unpaved roads;</p> <p>3.2.4.2.3. Each wheel shall be protected by spraying water, at least with two nozzles from the self-protection system.</p> <p>3.2.4.3. Tire pressure control system or equivalent to adjust tire pressure for on-road / off-road conditions from the cabin. Tire pressure can be set quickly and easily using the buttons on the steering wheel/vehicle dashboard by preselection on the display;</p> <p>3.2.4.4. The spare tire of the same type and size as those mounted on the vehicle. The vehicle shall be equipped with a mechanism to lower and raise the spare tire from its mounted position without affecting clearance, regardless of its location on the vehicle;</p> <p>3.2.4.5. All wheels shall be equipped with mud-guards.</p> <p>3.2.5. Steering System:</p> <p>3.2.5.1. Power-assisted steering;</p> <p>3.2.5.2. Steering column adjustable in height and angle;</p> <p>3.2.5.3. Multifunction steering wheel on the left side.</p> <p>3.2.6. Braking System:</p> <p>3.2.6.1. Power-assisted;</p> <p>3.2.6.2. Electronic Braking System (EBS or equivalent);</p>		Page 5 of 21

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
2021.1 c4f_annexiitechspeciitechoffertrn(8)	<p>3.2.6.3. Compressed air connection for auxiliary consumers;</p> <p>3.2.6.4. Auxiliary braking system;</p> <p>3.2.6.5. Hill-start assist system;</p> <p>3.2.6.6. Hill descent control system;</p> <p>3.2.6.7. All brake system piping protected against breakage, fire and heat.</p> <p>3.2.7. Electrical System</p> <p>3.2.7.1. Equipped with outlets for connection to external devices;</p> <p>3.2.7.2. System voltage: 24 V;</p> <p>3.2.7.3. Two maintenance-free batteries;</p> <p>3.2.7.4. Main switch to disconnect all vehicle consumers;</p> <p>3.2.7.5. All electrical system cables shall be concealed and protected from impact during travel and shall be halogen free;</p> <p>3.2.7.6. The vehicle shall be equipped with an external connector to enable stationary charging (when parked) of the batteries and other equipment requiring charging. The battery charging system shall include an electronic charger with an automatic adapter for long-term maintenance and storage;</p> <p>3.2.7.7. The external 230 V AC connector shall be a male-type connector mounted on the driver's side of the vehicle. Two female connectors, each with an attached cable of at least 10 meters, shall also be provided;</p> <p>3.2.7.8. The 230 V AC circuit shall be equipped with grounding, ensuring a leakage current of maximum 30 mA, or protected by an isolating transformer. If the protection is grounding-only, a warning label next to the outlet shall read: „ATENȚIE! A SE CONECTA DOAR LA O PRIZĂ AUTORIZATĂ”;</p>	<p>3.2.6.3. Compressed air connection for auxiliary consumers;</p> <p>3.2.6.4. Auxiliary braking system;</p> <p>3.2.6.5. Hill-start assist system;</p> <p>3.2.6.6. Hill descent control system;</p> <p>3.2.6.7. All brake system piping protected against breakage, fire and heat.</p> <p>3.2.7. Electrical System</p> <p>3.2.7.1. Equipped with outlets for connection to external devices;</p> <p>3.2.7.2. System voltage: 24 V;</p> <p>3.2.7.3. Two maintenance-free batteries;</p> <p>3.2.7.4. Main switch to disconnect all vehicle consumers;</p> <p>3.2.7.5. All electrical system cables shall be concealed and protected from impact during travel and shall be halogen free;</p> <p>3.2.7.6. The vehicle shall be equipped with an external connector to enable stationary charging (when parked) of the batteries and other equipment requiring charging. The battery charging system shall include an electronic charger with an automatic adapter for long-term maintenance and storage;</p> <p>3.2.7.7. The external 230 V AC connector shall be a male-type connector mounted on the driver's side of the vehicle. Two female connectors, each with an attached cable of at least 10 meters, shall also be provided;</p> <p>3.2.7.8. The 230 V AC circuit shall be equipped with grounding, ensuring a leakage current of maximum 30 mA, or protected by an isolating transformer. If the protection is grounding-only, a warning label next to the outlet shall read: „ATENȚIE! A SE CONECTA DOAR LA O PRIZĂ AUTORIZATĂ”;</p>		Page 6 of 21

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
<p>2021.1</p> <p>c4f_annexiitechspeciitechoffer_en (8)</p>	<p>3.2.7.9. Engine startup shall not be possible while connected to an external 230 V AC power source unless the outlet has an automatic disconnect that deactivates upon engine start;</p> <p>3.2.8. Lighting System:</p> <p>3.2.8.1. Signal headlights (chassis-mounted) with front and rear fog lights;</p> <p>3.2.8.2. All vehicle headlights and lamps shall be LED only, safeguarded by a stainless-steel protective grill to prevent accidental damage.</p> <p>3.2.9. Cabin:</p> <p>3.2.9.1. The cab shall be located behind the front deck and 3-point mounted, vibration damped; Cabin protection bars on all dimensional points of course stainless steel;</p> <p>3.2.9.2. The cabin shall be a single-piece, double advanced, closed metal type with suspension and anti-corrosion protection;</p> <p>3.2.9.3. Equipped with 4 doors and 2+4 seats (all seats shall have seat belts in compliance with legal requirements).</p> <p>3.2.9.4. The floor in the crew compartment shall be covered with ribbed aluminum sheet with increased level of slip protection and easy to clean.</p> <p>3.2.9.5. The cabin shall be protected on the outside by a metal frame (rollbar) which includes the nozzles of the self-protection water spray system for all sides of the cab (minimum two nozzles on each side and front);</p> <p>Windows, doors and windshield shall have thermally insulated glass.</p> <p>The windshield glass shall be equipped with a heating system.</p>	<p>3.2.7.9. Engine startup shall not be possible while connected to an external 230 V AC power source unless the outlet has an automatic disconnect that deactivates upon engine start;</p> <p>3.2.8. Lighting System:</p> <p>3.2.8.1. Signal headlights (chassis-mounted) with front and rear fog lights;</p> <p>3.2.8.2. All vehicle headlights and lamps shall be LED only, safeguarded by a stainless-steel protective grill to prevent accidental damage.</p> <p>3.2.9. Cabin:</p> <p>3.2.9.1. The cab shall be located behind the front deck and 3-point mounted, vibration damped; Cabin protection bars on all dimensional points of course stainless steel;</p> <p>3.2.9.2. The cabin shall be a single-piece, double advanced, closed metal type with suspension and anti-corrosion protection;</p> <p>3.2.9.3. Equipped with 4 doors and 2+4 seats (all seats shall have seat belts in compliance with legal requirements).</p> <p>3.2.9.4. The floor in the crew compartment shall be covered with ribbed aluminum sheet with increased level of slip protection and easy to clean.</p> <p>3.2.9.5. The cabin shall be protected on the outside by a metal frame (rollbar) which includes the nozzles of the self-protection water spray system for all sides of the cab (minimum two nozzles on each side and front);</p> <p>Windows, doors and windshield shall have thermally insulated glass.</p> <p>The windshield glass shall be equipped with a heating system.</p>		<p>Page 7 of 21</p>

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
2021.1 c4f_annexiitechspeciitechoffer_en (8)	<p>Seats with conical backs and integrated headrests, with three-point integrated seat belts. Seats shall be made of waterproof materials resistant to stains, wear, and abrasion and shall allow for easy cleaning.</p> <p>Sun visors mounted on the interior and exterior of the windshield;</p> <p>Heated rearview mirrors with electric or manual adjustment;</p> <p>Front right cabin external blind spot mirrors with electric or manual adjustment;</p> <p>All lateral windows with electric or manual control;</p> <p>The cabin must be equipped with one climate control system (with automatic heating and air conditioning);</p> <p>The cabin must be equipped with an additional autonomous heating system for the cabin, using diesel fuel directly from the vehicle's tank. This feature shall be able to be used both while traveling to and from response missions and while stationary at the response site;</p> <p>The color of the cabin shall be red, shade RAL 3000. Car wrapping (stickers or film) is not permitted;</p> <p>Vehicle AM/FM radio with multifunction display and USB connections, integrated into the vehicle's dashboard, with a minimum of four speakers;</p> <p>Satellite navigation system based on GPS or Galileo with Android Auto/Apple CarPlay, with updated maps of the Republic of Moldova and Europe. With maps updating capability by the owner of the vehicle;</p>	<p>Seats with conical backs and integrated headrests, with three-point integrated seat belts. Seats shall be made of waterproof materials resistant to stains, wear, and abrasion and shall allow for easy cleaning.</p> <p>Sun visors mounted on the interior and exterior of the windshield;</p> <p>Heated rearview mirrors with electric or manual adjustment;</p> <p>Front right cabin external blind spot mirrors with electric or manual adjustment;</p> <p>All lateral windows with electric or manual control;</p> <p>The cabin must be equipped with one climate control system (with automatic heating and air conditioning);</p> <p>The cabin must be equipped with an additional autonomous heating system for the cabin, using diesel fuel directly from the vehicle's tank. This feature shall be able to be used both while traveling to and from response missions and while stationary at the response site;</p> <p>The color of the cabin shall be red, shade RAL 3000. Car wrapping (stickers or film) is not permitted;</p> <p>Vehicle AM/FM radio with multifunction display and USB connections, integrated into the vehicle's dashboard, with a minimum of four speakers;</p> <p>Satellite navigation system based on GPS or Galileo with Android Auto/Apple CarPlay, with updated maps of the Republic of Moldova and Europe. With maps updating capability by the owner of the vehicle;</p>		Page 8 of 21

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
	<p>A rearview HD (1920x1080) camera that activates automatically when reversing, with integrated rear parking sensors;</p> <p>A traffic recording camera device that records on an SD or microSD card (the card shall be delivered with the vehicle, compatible with the recording device, with a minimum capacity of 64 GB, at least Class 10+ with a minimum transfer rate of 10 MB/s), with a minimum video recording resolution of 1920 x 1080@30 fps Full HD. It shall allow video recording (including data on vehicle speed and GPS position), so the route and road traveled are monitored (regardless of whether acoustic and light signals are active). During stationary periods with the engine off, the recording function shall deactivate automatically, and it shall activate automatically when the engine starts. Necessary accessories for data download shall also be provided. Depending on the technical solution adopted for the camera device (integrated or not within the cabin's interior elements), a mounting system shall be provided to allow its use.</p>	<p>A rearview HD (1920x1080) camera that activates automatically when reversing, with integrated rear parking sensors;</p> <p>A traffic recording camera device that records on an SD or microSD card (the card shall be delivered with the vehicle, compatible with the recording device, with a minimum capacity of 64 GB, at least Class 10+ with a minimum transfer rate of 10 MB/s), with a minimum video recording resolution of 1920 x 1080@30 fps Full HD. It shall allow video recording (including data on vehicle speed and GPS position), so the route and road traveled are monitored (regardless of whether acoustic and light signals are active). During stationary periods with the engine off, the recording function shall deactivate automatically, and it shall activate automatically when the engine starts. Necessary accessories for data download shall also be provided. Depending on the technical solution adopted for the camera device (integrated or not within the cabin's interior elements), a mounting system shall be provided to allow its use.</p>		

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
6	<p>SPECIAL FACILITIES:</p> <p>Fire extinguishing installation:</p> <p>3.3.1.1. Power take-off (PTO) - driven fire pump shall be located at the rear of the vehicle and to be made out of corrosion resistant alloy according to EN 1028;</p> <p>3.3.1.2. PTO fire pump unit, with an automatic priming device, with one stage of pressure setting at least 0 - 10 bar. Priming shall be achieved within a maximum of 60 seconds, at a suction height of 7.5 meters on a 4-inch (Type A) inlet;</p> <p>3.3.1.3. The pump unit shall allow the water tank to be filled from pressurized sources (hydrants) via two Type B inlets and from non- pressurized sources via a Type A inlet;</p> <p>3.3.1.4. Water discharge performance: minimum flow of 2500 l/min at 10 bars. Valve taps with a flap shall not be used;</p> <p>3.3.1.5. Suction hoses equipped with a water filtration system (at least two 4-inch hose for natural water sources);</p> <p>3.3.1.6. Two Type B inlets for water supply from pressurized sources, with a water impurity retention system, located on the rear side, one on the left and one on the right;</p> <p>3.3.1.7. Connecting hoses, low-pressure water and foam discharge hoses:</p> <p>- 2 Type B discharges placed laterally at the rear of the fire truck, one on the left and one on the right;</p> <p>2 Type C discharges placed laterally at the rear of the fire truck, one on the left and one on the right;</p>	<p>SPECIAL FACILITIES:</p> <p>Fire extinguishing installation:</p> <p>3.3.1.1. Power take-off (PTO) - driven fire pump shall be located at the rear of the vehicle and to be made out of corrosion resistant alloy according to EN 1028;</p> <p>3.3.1.2. PTO fire pump unit, with an automatic priming device, with one stage of pressure setting at least 0 - 10 bar. Priming shall be achieved within a maximum of 60 seconds, at a suction height of 7.5 meters on a 4-inch (Type A) inlet;</p> <p>3.3.1.3. The pump unit shall allow the water tank to be filled from pressurized sources (hydrants) via two Type B inlets and from non-pressurized sources via a Type A inlet;</p> <p>3.3.1.4. Water discharge performance: minimum flow of 2500 l/min at 10 bars. Valve taps with a flap shall not be used;</p> <p>3.3.1.5. Suction hoses equipped with a water filtration system (at least two 4-inch hose for natural water sources);</p> <p>3.3.1.6. Two Type B inlets for water supply from pressurized sources, with a water impurity retention system, located on the rear side, one on the left and one on the right;</p> <p>3.3.1.7. Connecting hoses, low-pressure water and foam discharge hoses:</p> <p>- 2 Type B discharges placed laterally at the rear of the fire truck, one on the left and one on the right;</p> <p>2 Type C discharges placed laterally at the rear of the fire truck, one on the left and one on the right;</p>		

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
<p>2021.1 c4f_annexiitechspeciitechoffer_en (8)</p>	<p>Manual depressurization systems shall be installed on the Type B and C discharge hoses;</p> <ul style="list-style-type: none"> - The fire truck shall be equipped with 4 water discharge nozzles, 2 Type C and 2 Type D, in accordance with the requirements in Annex no. 1, points 42 and 43. <p>3.3.1.8. All inlets and discharges shall be located inside the superstructure at the lower part. They shall not exceed the lower level of the access hatches to the superstructure, to avoid interfering with the vehicle's passage capacity. Access to these shall be quick, easy, and convenient, and they shall be protected against freezing during travel/parking with aluminum hatches/blinds/covers/doors;</p> <p>3.3.1.9. Water discharge turret with adjustable jet shape mounted on the fire truck. It shall feature manual control. The turret shall be capable of continuous 360° horizontal rotation or a minimum of 180° left/right relative to the driving direction, and a vertical movement range of at least -15° to +75° across the entire rotation circumference. In transport mode, the turret must be foldable to fit within the prescribed dimensional limits.</p> <p>Water tank equipped with overflow, inspection cap (providing access for a person inside), and drain valve, with wave breakers and shock-absorbing system for transport. The sealing and insulation between the water tank and the bodywork shall prevent water and condensate infiltration:</p> <p>3.3.1.10.1. Material type: composite type GRP or PAFS (equipped with wave breakers);</p> <p>3.3.1.10.2. Capacity: 3000 liters ± 10%.</p>	<p>Manual depressurization systems shall be installed on the Type B and C discharge hoses;</p> <ul style="list-style-type: none"> - The fire truck shall be equipped with 4 water discharge nozzles, 2 Type C and 2 Type D, in accordance with the requirements in Annex no. 1, points 42 and 43. <p>3.3.1.8. All inlets and discharges shall be located inside the superstructure at the lower part. They shall not exceed the lower level of the access hatches to the superstructure, to avoid interfering with the vehicle's passage capacity. Access to these shall be quick, easy, and convenient, and they shall be protected against freezing during travel/parking with aluminum hatches/blinds/covers/doors;</p> <p>3.3.1.9. Water discharge turret with adjustable jet shape mounted on the fire truck. It shall feature manual control. The turret shall be capable of continuous 360° horizontal rotation or a minimum of 180° left/right relative to the driving direction, and a vertical movement range of at least -15° to +75° across the entire rotation circumference. In transport mode, the turret must be foldable to fit within the prescribed dimensional limits.</p> <p>Water tank equipped with overflow, inspection cap (providing access for a person inside), and drain valve, with wave breakers and shock-absorbing system for transport. The sealing and insulation between the water tank and the bodywork shall prevent water and condensate infiltration:</p> <p>3.3.1.10.1. Material type: composite type GRP or PAFS (equipped with wave breakers);</p> <p>3.3.1.10.2. Capacity: 3000 liters ± 10%.</p>		<p>Page 11 of 21</p>

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
2021.1 c4f_annexiitechspecilifechnol_en (8)	<p>3.3.1.11. The secondary water tank for the self-protection system with the possibility of feeding and emptying, both from external water sources through a type B inlet, and from the main water tank, shall have a capacity of 400 lt. \pm 10%, and shall be made of GRP or PAFS. The water supply from the main tank shall be carried out, by self-propulsion, by operating a button from the driving station or by the control panel in the pump compartment.</p> <p>3.3.1.12. The self-protection system shall have a minimum of 8 sprinkler nozzles under the truck, positioned so as not to influence the ability to cross rough terrain and protected against damage when driving off paved or unpaved roads. The actuation of the upper and lower self-protection system shall be done, individually, from two buttons with protection cover for accidental pressing, positioned in the cabin, at the driving station, and in the pump compartment on the control panel. The self-protection system shall work both while driving and while parked, both with the engine on and off.</p> <p>3.3.1.13. The positioning of the water tanks, the PTO pump and the other equipment that equips the superstructure, shall ensure the optimal distribution of loads on the axles and an improvement of the behavior of the truck on the road.</p> <p>3.3.1.14. All valves (regardless of their type) shall be marked with nameplates.</p> <p>3.3.2. Special accessories:</p>	<p>3.3.1.11. The secondary water tank for the self-protection system with the possibility of feeding and emptying, both from external water sources through a type B inlet, and from the main water tank, shall have a capacity of 400 lt. \pm 10%, and shall be made of GRP or PAFS. The water supply from the main tank shall be carried out, by self-propulsion, by operating a button from the driving station or by the control panel in the pump compartment.</p> <p>3.3.1.12. The self-protection system shall have a minimum of 8 sprinkler nozzles under the truck, positioned so as not to influence the ability to cross rough terrain and protected against damage when driving off paved or unpaved roads. The actuation of the upper and lower self-protection system shall be done, individually, from two buttons with protection cover for accidental pressing, positioned in the cabin, at the driving station, and in the pump compartment on the control panel. The self-protection system shall work both while driving and while parked, both with the engine on and off.</p> <p>3.3.1.13. The positioning of the water tanks, the PTO pump and the other equipment that equips the superstructure, shall ensure the optimal distribution of loads on the axles and an improvement of the behavior of the truck on the road.</p> <p>3.3.1.14. All valves (regardless of their type) shall be marked with nameplates.</p> <p>3.3.2. Special accessories:</p>		Page 12 of 21

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
2021.1 c4f_annexiitechspexi2024	<p>3.3.2.1. The superstructure shall be modular or monobloc, independent of the cabin, with attachment to the chassis by means of a metal frame and appropriately sized buffers. The mounting supports, shelves, drawers, sliding panels (if applicable) on which the accessories are positioned shall be made of durable materials with corrosion protection.</p> <p>3.3.2.1.1. The attachment of the superstructure frame profiles shall be done using removable assemblies;</p> <p>3.3.2.1.2. The roof of the superstructure shall have an increased slip resistance level (covered with corrugated aluminum sheet), reinforced to prevent buckling under the weight of the crew and shall withstand a minimum weight of 300 kg, not including the equipment placed on it;</p> <p>3.3.2.1.3. The panels for the shelves shall be attached with countersunk screws to avoid injury to personnel and damage to the equipment. The use of rivets or self-tapping screws for assembly is not permitted.</p> <p>3.3.2.2. Compartments:</p> <p>3.3.2.2.1. Placement of accessory compartments: on the sides and rear, closed with anodized aluminum blinds;</p> <p>3.3.2.2.2. equipped with shelves (ensuring the possibility of subsequent repositioning of shelves at different heights depending on the specific equipment), drawers, mounting supports, lighting lamps, etc., including in the crew cabin;</p> <p>3.3.2.2.3. The blinds for closing the accessory compartments shall be made of anodized aluminum alloy;</p> <p>3.3.2.2.4. The side panels shall be closed with blinds equipped with locks and keys, insulated against water infiltration;</p>	<p>.3.2.1. The superstructure shall be modular or monobloc, independent of the cabin, with attachment to the chassis by means of a metal frame and appropriately sized buffers. The mounting supports, shelves, drawers, sliding panels (if applicable) on which the accessories are positioned shall be made of durable materials with corrosion protection.</p> <p>3.3.2.1.1. The attachment of the superstructure frame profiles shall be done using removable assemblies;</p> <p>3.3.2.1.2. The roof of the superstructure shall have an increased slip resistance level (covered with corrugated aluminum sheet), reinforced to prevent buckling under the weight of the crew and shall withstand a minimum weight of 300 kg, not including the equipment placed on it;</p> <p>3.3.2.1.3. The panels for the shelves shall be attached with countersunk screws to avoid injury to personnel and damage to the equipment. The use of rivets or self-tapping screws for assembly is not permitted.</p> <p>3.3.2.2. Compartments:</p> <p>3.3.2.2.1. Placement of accessory compartments: on the sides and rear, closed with anodized aluminum blinds;</p> <p>3.3.2.2.2. equipped with shelves (ensuring the possibility of subsequent repositioning of shelves at different heights depending on the specific equipment), drawers, mounting supports, lighting lamps, etc., including in the crew cabin;</p> <p>3.3.2.2.3. The blinds for closing the accessory compartments shall be made of anodized aluminum alloy;</p> <p>3.3.2.2.4. The side panels shall be closed with blinds equipped with locks and keys, insulated against water infiltration;</p>		Page 13 of 21

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
2021.1 c4f_annexiitechspecintechnoffier_en (8)	<p>3.3.2.2.5. The rear part (access to the fire pump controls) shall be equipped with an anodized aluminum blind with locks and keys, insulated against water infiltration, and shall provide access and operation of the fire pump unit.</p> <p>3.3.2.2.6. The use of pop rivets or self-tapping screws for assembly is not allowed. The blind(s) shall be properly sealed to prevent the entry of water, mud, etc., during travel.</p> <p>3.3.2.3. Accessories arranged in the lower part shall be located in such a way as to allow access from the ground without the need for personnel to climb inside the superstructure to gain access to various accessories.</p> <p>3.3.2.4. For the accessories arranged on the upper part, hinged access hatches that can withstand the weight of two people and the handled accessories (minimum 300 kg) shall be mounted at the base of the superstructure. They shall be equipped with hydraulic struts (shock absorbers) with an automatic closing system, additionally provided with a key, with orange reflectors (LED lamps installed on the sides with flashing light to allow their highlighting/gauge in the open position are optional).</p> <p>3.3.2.5. The suction hoses, the shovel, the rake, the wildfire batter, etc. shall be mounted securely on the roof of the superstructure. The use of fastening systems similar to straps or leather belts for securing and fastening these items is excluded. The suction hoses and other equipment stored on the roof of the superstructure shall be secured by placing them in closed boxes (crates) equipped with a locking system (made of aluminum and illuminated inside with LED technology when opened),</p>	<p>3.2.2.5. The rear part (access to the fire pump controls) shall be equipped with an anodized aluminum blind with locks and keys, insulated against water infiltration, and shall provide access and operation of the fire pump unit.</p> <p>3.3.2.2.6. The use of pop rivets or self-tapping screws for assembly is not allowed. The blind(s) shall be properly sealed to prevent the entry of water, mud, etc., during travel.</p> <p>3.3.2.3. Accessories arranged in the lower part shall be located in such a way as to allow access from the ground without the need for personnel to climb inside the superstructure to gain access to various accessories.</p> <p>3.3.2.4. For the accessories arranged on the upper part, hinged access hatches that can withstand the weight of two people and the handled accessories (minimum 300 kg) shall be mounted at the base of the superstructure. They shall be equipped with hydraulic struts (shock absorbers) with an automatic closing system, additionally provided with a key, with orange reflectors (LED lamps installed on the sides with flashing light to allow their highlighting/gauge in the open position are optional).</p> <p>3.3.2.5. The suction hoses, the shovel, the rake, the wildfire batter, etc. shall be mounted securely on the roof of the superstructure. The use of fastening systems similar to straps or leather belts for securing and fastening these items is excluded. The suction hoses and other equipment stored on the roof of the superstructure shall be secured by placing them in closed boxes (crates) equipped with a locking system (made of aluminum and illuminated inside with LED technology when opened),</p>		Page 14 of 21

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
<p>2021.1</p> <p>c4f_annexiitechspeciitechoffer_en (8)</p>	<p>which shall provide protection against damage and movement during travel. The tank shall allow access for repairs or cleaning. Access to the roof of the fire truck shall be made via a ladder that shall support a minimum weight of 150 kg, made of anodized aluminum, located on the rear side of the vehicle, foldable towards the top of the truck, equipped with a locking system to keep it in the folded position.</p> <p>3.3.2.6. All shelves, drawers, sliding panels and storage boxes made of metal in the composition of the superstructure shall be constructed with rounded edges. Sharp or cutting edges are not allowed. Drawers, sliding panels, shall be secured against accidental opening and shall be sized to support at least twice the weight of the accessories they shall contain.</p> <p>3.3.2.7. Regardless of the solution adopted by the bidder the crew seats (excluding the driver's seat and front passenger seat) shall be specially designed for self-contained breathing apparatus (equipped with a backrest, and a headrest that accommodates the breathing apparatus and allows easy unlocking by operating a handle), and a support for a full breathing apparatus, so that it does not pose a risk to the personnel in the event of an accident. Additionally, the seats shall be made of waterproof materials resistant to stains, wear, and abrasion and shall allow for easy cleaning.</p> <p>3.3.2.8. The accessories shall be secured in/on drawers, the floor, doors, or side walls with a quick locking/unlocking system. The use of fastening systems similar to straps or leather belts is excluded. The discharge hoses shall each have an individual designated location and shall be secured with textile straps with Velcro fasteners, labeled for each type of hose.</p> <p>3.3.2.9. To prevent the formation of ice, a warm air heating system shall be installed in the fire pump compartment, using diesel fuel directly from the truck's fuel tank. This system shall be operable both during travel to and from intervention missions and while stationary at the intervention site.</p>	<p>which shall provide protection against damage and movement during travel. The tank shall allow access for repairs or cleaning. Access to the roof of the fire truck shall be made via a ladder that shall support a minimum weight of 150 kg, made of anodized aluminum, located on the rear side of the vehicle, foldable towards the top of the truck, equipped with a locking system to keep it in the folded position.</p> <p>3.3.2.6. All shelves, drawers, sliding panels and storage boxes made of metal in the composition of the superstructure shall be constructed with rounded edges. Sharp or cutting edges are not allowed. Drawers, sliding panels, shall be secured against accidental opening and shall be sized to support at least twice the weight of the accessories they shall contain.</p> <p>3.3.2.7. Regardless of the solution adopted by the bidder the crew seats (excluding the driver's seat and front passenger seat) shall be specially designed for self-contained breathing apparatus (equipped with a backrest, and a headrest that accommodates the breathing apparatus and allows easy unlocking by operating a handle), and a support for a full breathing apparatus, so that it does not pose a risk to the personnel in the event of an accident. Additionally, the seats shall be made of waterproof materials resistant to stains, wear, and abrasion and shall allow for easy cleaning.</p> <p>3.3.2.8. The accessories shall be secured in/on drawers, the floor, doors, or side walls with a quick locking/unlocking system. The use of fastening systems similar to straps or leather belts is excluded. The discharge hoses shall each have an individual designated location and shall be secured with textile straps with Velcro fasteners, labeled for each type of hose.</p> <p>3.3.2.9. To prevent the formation of ice, a warm air heating system shall be installed in the fire pump compartment, using diesel fuel directly from the truck's fuel tank. This system shall be operable both during travel to and from intervention missions and while stationary at the intervention site.</p>		<p>Page 15 of 21</p>

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
2021.1 c4f_annexiitechspeciitechoffer_en (8)	<p>3.3.2.10. All equipment and accessories not secured in/on drawers, floor, doors or side walls shall be compartmentalized in heavy-duty plastic boxes with handles for handling. On the boxes you shall find a list (in Romanian language) of the material goods contained (moisture-resistant format), for easier identification during the intervention. The boxes shall be numbered, and the complete inventory of the vehicle that shall be supplied shall be structured in the order of the boxes.</p> <p>3.3.3. Control and Command System:</p> <p>3.3.3.1. The main control and command panel shall be reinforced, vibration-free, not mounted on the pump body, and of the "classic" type (without a display, located in the pump compartment). It shall be positioned at the rear of the vehicle, within the pump compartment, and capable of performing at least the following functions:</p> <p>3.3.3.1.1. Starting and stopping the engine;</p> <p>3.3.3.1.2. Engaging and disengaging the pump with the vehicle chassis transmission;</p> <p>3.3.3.1.3. Controlling engine throttle;</p> <p>3.3.3.1.4. Maintaining a constant engine throttle;</p> <p>3.3.3.1.5. The use and operation of the water turret mounted on the fire truck;</p> <p>3.3.3.1.6. Displaying the following parameters using analog devices:</p> <p>Engine throttle;</p> <ul style="list-style-type: none"> - PTO pump speed; - Pump working pressure; - Vacuum required for priming the pump; - Water temperature in the pump; - Water level in the tank; <p>3.3.3.1.7. Audible and visual signaling of the following warnings:</p> <ul style="list-style-type: none"> - Maximum water temperature in the pump; - Cavitation occurrence; - Overpressure in the pump; 	<p>3.3.2.10. All equipment and accessories not secured in/on drawers, floor, doors or side walls shall be compartmentalized in heavy-duty plastic boxes with handles for handling. On the boxes you shall find a list (in Romanian language) of the material goods contained (moisture-resistant format), for easier identification during the intervention. The boxes shall be numbered, and the complete inventory of the vehicle that shall be supplied shall be structured in the order of the boxes.</p> <p>3.3.3. Control and Command System:</p> <p>3.3.3.1. The main control and command panel shall be reinforced, vibration-free, not mounted on the pump body, and of the "classic" type (without a display, located in the pump compartment). It shall be positioned at the rear of the vehicle, within the pump compartment, and capable of performing at least the following functions:</p> <p>3.3.3.1.1. Starting and stopping the engine;</p> <p>3.3.3.1.2. Engaging and disengaging the pump with the vehicle chassis transmission;</p> <p>3.3.3.1.3. Controlling engine throttle;</p> <p>3.3.3.1.4. Maintaining a constant engine throttle;</p> <p>3.3.3.1.5. The use and operation of the water turret mounted on the fire truck;</p> <p>3.3.3.1.6. Displaying the following parameters using analog devices:</p> <p>Engine throttle;</p> <ul style="list-style-type: none"> - PTO pump speed; - Pump working pressure; - Vacuum required for priming the pump; - Water temperature in the pump; - Water level in the tank; <p>3.3.3.1.7. Audible and visual signaling of the following warnings:</p> <ul style="list-style-type: none"> - Maximum water temperature in the pump; - Cavitation occurrence; - Overpressure in the pump; 		Page 16 of 21

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
	<p>The water turret and the access hatches to the superstructure, and the shutters, when not in march position (closed), shall be unlocked independently for each category of equipment/subassembly (access hatches, and shutters) upon release of the handbrake (parking) in preparation for the start of movement.</p> <p>3.3.3.2. The control and command system shall include an additional non-touchscreen display, reinforced to avoid vibrations and not mounted on the pump body. It shall be located at the rear of the vehicle, within the pump compartment, automatically activating when the rear shutter of the pump compartment is opened and deactivating when it is closed. It shall display at least the following parameters:</p> <ul style="list-style-type: none"> - Pump working pressure; - Water level in the tank. <p>3.3.3.3. The command-and-control system shall allow the simultaneous use of all discharge lines.</p> <p>3.3.3.4. If the pumping unit cannot be coupled/decoupled from the dedicated button(s) on the control panel as per section 3.3.3.1.2., coupling/decoupling shall be carried out from the cabin by operating the power take-off coupling/decoupling control, as an emergency solution when the controls on the control panels are not functioning.</p> <p>3.3.3.5. Secondary control panel with a "non-touchscreen display", located in the cabin, which shall ensure at least the following:</p> <p>3.3.3.5.1. Coupling and decoupling of the pumping unit to the chassis transmission;</p> <p>3.3.3.5.2. Control of engine throttle;</p> <p>3.3.3.5.3. Maintenance of a constant engine throttle;</p> <p>3.3.3.5.4. The use and operation of the water turret mounted on the fire truck;</p> <p>3.3.3.5.5. Displaying the following parameters on the screen:</p> <ul style="list-style-type: none"> - Pumping unit speed; - Working pressure of the pumping unit; - Water temperature in the pumping unit; - Water level in the tank. <p>3.3.3.5.6. Acoustic and visual signaling for the following warnings:</p>	<p>The water turret and the access hatches to the superstructure, and the shutters, when not in march position (closed), shall be unlocked independently for each category of equipment/subassembly (access hatches, and shutters) upon release of the handbrake (parking) in preparation for the start of movement.</p> <p>3.3.3.2. The control and command system shall include an additional non-touchscreen display, reinforced to avoid vibrations and not mounted on the pump body. It shall be located at the rear of the vehicle, within the pump compartment, automatically activating when the rear shutter of the pump compartment is opened and deactivating when it is closed. It shall display at least the following parameters:</p> <ul style="list-style-type: none"> - Pump working pressure; - Water level in the tank. <p>3.3.3.3. The command-and-control system shall allow the simultaneous use of all discharge lines.</p> <p>3.3.3.4. If the pumping unit cannot be coupled/decoupled from the dedicated button(s) on the control panel as per section 3.3.3.1.2., coupling/decoupling shall be carried out from the cabin by operating the power take-off coupling/decoupling control, as an emergency solution when the controls on the control panels are not functioning.</p> <p>3.3.3.5. Secondary control panel with a "non-touchscreen display", located in the cabin, which shall ensure at least the following:</p> <p>3.3.3.5.1. Coupling and decoupling of the pumping unit to the chassis transmission;</p> <p>3.3.3.5.2. Control of engine throttle;</p> <p>3.3.3.5.3. Maintenance of a constant engine throttle;</p> <p>3.3.3.5.4. The use and operation of the water turret mounted on the fire truck;</p> <p>3.3.3.5.5. Displaying the following parameters on the screen:</p> <ul style="list-style-type: none"> - Pumping unit speed; - Working pressure of the pumping unit; - Water temperature in the pumping unit; - Water level in the tank. <p>3.3.3.5.6. Acoustic and visual signaling for the following warnings:</p>		

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
	<p>Pumping unit speed;</p> <ul style="list-style-type: none"> - Working pressure of the pumping unit; - Water temperature in the pumping unit; - Water level in the tank. <p>3.3.3.5.6. Acoustic and visual signaling for the following warnings:</p> <ul style="list-style-type: none"> - Maximum water temperature in the pumping unit; - Cavitation phenomenon occurrence; - Overpressure occurrence in the pumping unit; - The access hatches to the superstructure, and the shutters when not in march position (retracted/closed), upon release of the handbrake (parking), in preparation for the start of movement, independently for each category of equipment/subassembly (access hatches, and shutters). <p>3.3.3.6. Working position: accessible to the operator, allowing easy access to all controls on the pump panel, valves, etc.</p> <p>3.4. Vehicle type TETRA radio terminal shall be installed in the vehicle cabin:</p> <p>3.4.1. The mobile communication module for vehicles is presented in "Annex no. 3";</p> <p>3.4.2. The communication equipment shall include:</p> <ul style="list-style-type: none"> a) A fuse panel for all equipment, including warning devices; b) 12V DC bipolar power outlets for communication equipment, including electrical conductors, capable of supporting a current of 20 A and delivered with paired connectors; <p>Bipolar outlets shall be installed in accessible locations and properly insulated;</p> <ul style="list-style-type: none"> d) An antenna installed on the cabin with the antenna cable placed inside, with a TNC connector 	<p>Pumping unit speed;</p> <ul style="list-style-type: none"> - Working pressure of the pumping unit; - Water temperature in the pumping unit; - Water level in the tank. <p>3.3.3.5.6. Acoustic and visual signaling for the following warnings:</p> <ul style="list-style-type: none"> - Maximum water temperature in the pumping unit; - Cavitation phenomenon occurrence; - Overpressure occurrence in the pumping unit; - The access hatches to the superstructure, and the shutters when not in march position (retracted/closed), upon release of the handbrake (parking), in preparation for the start of movement, independently for each category of equipment/subassembly (access hatches, and shutters). <p>3.3.3.6. Working position: accessible to the operator, allowing easy access to all controls on the pump panel, valves, etc.</p> <p>3.4. Vehicle type TETRA radio terminal shall be installed in the vehicle cabin:</p> <p>3.4.1. The mobile communication module for vehicles is presented in "Annex no. 3";</p> <p>3.4.2. The communication equipment shall include:</p> <ul style="list-style-type: none"> a) A fuse panel for all equipment, including warning devices; b) 12V DC bipolar power outlets for communication equipment, including electrical conductors, capable of supporting a current of 20 A and delivered with paired connectors; <p>Bipolar outlets shall be installed in accessible locations and properly insulated;</p> <ul style="list-style-type: none"> d) An antenna installed on the cabin with the antenna cable placed inside, with a TNC connector 		

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
2021.1	<p>The vehicle shall be marked on the sides and the front with the inscriptions "POMPIERII", as well as the logos of the "General Inspectorate for Emergency Situations." Additionally, the vehicle shall be marked on the sides with the "112" logo.</p> <p>3.6. The color of the superstructure shall be red, shade RAL 3000. Car wrapping (stickers or film) is not permitted. The vehicle shall be equipped with reflective plates and strips.</p> <p>3.7. The inscriptions and markings will meet the requirements provided by the Government Decision no. 500/20181. The exact text of the inscriptions (the name and number of the fire brigade, the type of the fire engine etc.) will be provided by the beneficiary (GIES) before the contract signing.</p> <p>3.8. The vehicle shall be equipped with size lamps with flexible rubber arms, mounted at the rear of the chassis.</p> <p>3.9. The vehicle and its components, including the technology, machinery, and equipment with which it is equipped, shall be brand new and shall not be refurbished and/or remanufactured.</p> <p>3.10. The list of standards relevant for the requested vehicle, configuration and equipment:</p> <p>3.10.1. EN 1846-1:2020 – Firefighting and rescue service vehicles – Part 1: Nomenclature and designation</p> <p>3.10.2. EN 1846-2:2020 – Firefighting and rescue service vehicles – Part 2: Common requirements – Safety and performance</p> <p>3.10.3. EN 1846-3:2020 – Firefighting and rescue service vehicles – Part 3: Permanently installed equipment – Safety and performance</p> <p>3.10.4. EN 12769:2000 – Firefighting and rescue service vehicles – Resistance to fire</p> <p>3.10.5. EN 14600:2005 – Firefighting and rescue service vehicles and equipment – Components for electrical and electronic installations</p> <p>3.10.6. EN 1028-1:2002 – Fire-fighting pumps – Fire-fighting centrifugal pumps with priming devices – Part 1: Classification – General and safety requirements</p> <p>3.10.7. EN 1028-2:2001 – Fire-fighting pumps – Fire-fighting centrifugal pumps with priming devices – Part 2: Verification of general and safety requirements</p>	<p>The vehicle shall be marked on the sides and the front with the inscriptions "POMPIERII", as well as the logos of the "General Inspectorate for Emergency Situations." Additionally, the vehicle shall be marked on the sides with the "112" logo.</p> <p>3.6. The color of the superstructure shall be red, shade RAL 3000. Car wrapping (stickers or film) is not permitted. The vehicle shall be equipped with reflective plates and strips.</p> <p>3.7. The inscriptions and markings will meet the requirements provided by the Government Decision no. 500/20181. The exact text of the inscriptions (the name and number of the fire brigade, the type of the fire engine etc.) will be provided by the beneficiary (GIES) before the contract signing.</p> <p>3.8. The vehicle shall be equipped with size lamps with flexible rubber arms, mounted at the rear of the chassis.</p> <p>3.9. The vehicle and its components, including the technology, machinery, and equipment with which it is equipped, shall be brand new and shall not be refurbished and/or remanufactured.</p> <p>3.10. The list of standards relevant for the requested vehicle, configuration and equipment:</p> <p>3.10.1. EN 1846-1:2020 – Firefighting and rescue service vehicles – Part 1: Nomenclature and designation</p> <p>3.10.2. EN 1846-2:2020 – Firefighting and rescue service vehicles – Part 2: Common requirements – Safety and performance</p> <p>3.10.3. EN 1846-3:2020 – Firefighting and rescue service vehicles – Part 3: Permanently installed equipment – Safety and performance</p> <p>3.10.4. EN 12769:2000 – Firefighting and rescue service vehicles – Resistance to fire</p> <p>3.10.5. EN 14600:2005 – Firefighting and rescue service vehicles and equipment – Components for electrical and electronic installations</p> <p>3.10.6. EN 1028-1:2002 – Fire-fighting pumps – Fire-fighting centrifugal pumps with priming devices – Part 1: Classification – General and safety requirements</p> <p>3.10.7. EN 1028-2:2001 – Fire-fighting pumps – Fire-fighting centrifugal pumps with priming devices – Part 2: Verification of general and safety requirements</p>		

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
	<p>1 https://www.legis.md/cautare/getResults?doc_id=146535&lang=ro# 3.10.8. UNECE Regulation No. 29 – Uniform provisions concerning the approval of vehicles with regard to the protection of the occupants of the cab of a commercial vehicle 3.10.9. EN 137 – Respiratory protective devices – Self-contained open- circuit compressed air breathing apparatus with full face mask – Requirements, testing, marking 3.10.10. EN 14540 – Fire-fighting hoses – non-percolating lay flat hoses for fixed systems 3.10.11. EN 694 – Fire-fighting hoses – Semi-rigid hoses for fixed systems 3.10.12. EN 15182 – Hand-held branch pipes for fire service use – Part 1 to 4 (includes general requirements, selectable flow rate, etc.) 3.10.13. EN 15767 - Portable equipment for projecting extinguishing agents supplied by firefighting pumps 3.10.14. ECE Regulation No. 65 – Uniform provisions concerning the approval of special warning lamps for motor vehicles 3.10.15. EN 60309 – Plugs, socket-outlets and couplers for industrial purposes (used in emergency vehicles for electrical connections). 3.11. The annexes no.1 – 3 are an integral part of this Technical Specification. For all specifications and products listed in the annexes, certificates of conformity issued by the competent authorities, as well as declarations of conformity under one's own responsibility and/or test reports, shall be presented as part of the submitted offer, as applicable. 3.12. The list of manuals, schemes (electrical, pneumatic, hydraulic), technical inspection list (maintenance), list of spare parts (part number). 3.13. The bidder will provide the necessary training to the beneficiary personnel for operation and maintenance of the vehicle and all components. The training plan will be part of the offer. The bidder will also provide at least 2 monitorization visits to the manufacturing facility. The bidder will also disseminate the training materials (hard copy and electronic version (PDF or PPT format)) during the training sessions.</p>	<p>1 https://www.legis.md/cautare/getResults?doc_id=146535&lang=ro# 3.10.8. UNECE Regulation No. 29 – Uniform provisions concerning the approval of vehicles with regard to the protection of the occupants of the cab of a commercial vehicle 3.10.9. EN 137 – Respiratory protective devices – Self-contained open- circuit compressed air breathing apparatus with full face mask – Requirements, testing, marking 3.10.10. EN 14540 – Fire-fighting hoses – non-percolating lay flat hoses for fixed systems 3.10.11. EN 694 – Fire-fighting hoses – Semi-rigid hoses for fixed systems 3.10.12. EN 15182 – Hand-held branch pipes for fire service use – Part 1 to 4 (includes general requirements, selectable flow rate, etc.) 3.10.13. EN 15767 - Portable equipment for projecting extinguishing agents supplied by firefighting pumps 3.10.14. ECE Regulation No. 65 – Uniform provisions concerning the approval of special warning lamps for motor vehicles 3.10.15. EN 60309 – Plugs, socket-outlets and couplers for industrial purposes (used in emergency vehicles for electrical connections). 3.11. The annexes no.1 – 3 are an integral part of this Technical Specification. For all specifications and products listed in the annexes, certificates of conformity issued by the competent authorities, as well as declarations of conformity under one's own responsibility and/or test reports, shall be presented as part of the submitted offer, as applicable. 3.12. The list of manuals, schemes (electrical, pneumatic, hydraulic), technical inspection list (maintenance), list of spare parts (part number). 3.13. The bidder will provide the necessary training to the beneficiary personnel for operation and maintenance of the vehicle and all components. The training plan will be part of the offer. The bidder will also provide at least 2 monitorization visits to the manufacturing facility. The bidder will also disseminate the training materials (hard copy and electronic version (PDF or PPT format)) during the training sessions.</p>		

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
7	LIST of Equipment and Accessories of the Vehicle for Extinguishing Forest Fires Annex 1	LIST of Equipment and Accessories of the Vehicle for Extinguishing Forest Fires according to Annex 1	Mentioned in Description Eurocargo 4 x4 file	
8	LIST of specific materials on the chassis Annex 2	LIST of specific materials on the chassis according to Annex 2	Mentioned in Description Eurocargo 4 x4 file	
9	TETRA RADIO TERMINALS Annex 3	TETRA RADIO TERMINALS According to Annex 3	Mentioned in Description Eurocargo 4 x4 file	