Appendix 6.1. to Annex 6

**PROPOSED TECHNICAL PARAMETERS FOR TRUCK WITH A TRAILER**

1. We note that the Appendix 6.1. to Annex 6 to the procurement conditions is an integral part of the proposal.

2. The supplier must fill in columns 3 and 4 of the table.

3. By submitting a bid for the purchase, the supplier confirms that the object purchased in the performance of the public procurement contract will meet the following requirements:

Table No.1

|  |  |  |  |
| --- | --- | --- | --- |
| Serial No. | **Technical properties** | | |
| 1 | 2 | 3 | 4 |
| 1. | **Requirements** | Compliance with requirements  **(Yes or No)**  (Fields marked in yellow are to be completed by the Supplier, indicating the specific value (if requested) or whether or not the product proposed | **Document** confirming compliance  (to be filled in by the Supplier, indicating the names of the documents and/or references to their paragraphs, proving the compliance of the offered goods with the technical requirements**)***\*\** |
| 1.1. | The truck with a trailer (herein after- semi-trailer) intended for logistical purposes is designed for use in military logistical operations, as well as for preparing for military operations and performing other defence-related functions. The truck with the semi-trailer must be new and unused. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| 1.2. | The truck with the semi-trailer must be new and manufactured no earlier than 12 months prior to the signing of the contract. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| 1.3. | The truck with the semi-trailer must be capable of transporting self-propelled PzH 2000 howitzers, Leopard 2 tanks, Bergepanzer 2 recovery tanks, and other heavy and oversized equipment. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| 1.4. | Up-to-date, in accordance with the manufacturer’s specifications and equipment, complying with national and/or EU standards, meeting all occupational safety and road safety requirements. Fully equipped (base vehicle with factory standard equipment), suitable for operation in high and low temperature. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| 1.5. | The truck with superstructure and cargo design, along with conformity certificates, must comply with the requirements of Annex B, Part 9 of the European Council Directive 94/55/EC of 21 November 1994 (last amended by Directive 2006/89/EC of 3 November 2006), concerning vehicles intended for the transport of dangerous goods by road. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| 1.6. | The truck must be safe to operate on public roads within the European Union or at least one NATO member state that is not a member of the European Union. The truck’s design must comply with European Parliament and Council Directive No. 2007/46/EC of 5 September 2007, including all its subsequent amendments and exemptions, or with equivalent standards of at least one NATO member state that is not a member of the European Union. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| 1.7. | Wheel formula not less than 8x8. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify wheel formula:\_\_\_\_\_\_\_. |
| 1.8. | The total technical registered mass of the truck shall be no less than 35 tonnes, and the total technical registered mass of the combination shall be no less than 120 tonnes. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify total technical registered mass of the truck:\_\_\_\_\_\_\_tonnes  Specify total technical registered mass of the combination:\_\_\_\_\_\_\_tonnes |
| 1.9. | The threaded connections and measuring scales of the truck shall be in the metric system.. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| 1.10. | The truck is designed for right-hand traffic, with the steering wheel on the left side. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **2.                          Requirements for the truck:** | | | |
| **2.1.                      Operating environment.** | | | |
| **2.2. Requirements for the cab:** | | | |
| **2.2.1.                 Ergonomics:** | | | |
| **2.2.1.1.** | Supports and handholds must be fitted to allow easy entry and exit from the truck cabin. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **2.2.1.2.** | The truck cabin must have 3 seats. The middle seat shall be a folding seat and shall be fitted with a standing platform when a hatch is used, or a similar 3-seat solution with a separate standing platform. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **2.2.1.3.** | The seat shall be adjustable forwards, backwards, upwards, downwards and shall have a weight adjustment of up to 120 kg, so that the driver can effortlessly reach all the instruments necessary for the operation of the towing vehicle while seated in the seat. The driver’s seat shall be air-suspended. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **2.2.1.4.** | The truck cabin shall be equipped with a G-36 automatic rifle holster (a universal holster suitable for other automatic rifles) for each crew member and shall be easily accessible from the seating position. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **2.2.1.5.** | The truck cabin shall be equipped with spaces for stowing ammunition and equipment. Personal equipment shall be easily accessible, placed and removed from its designated place. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **2.2.1.6.** | At least 2 easily attachable and detachable yellow LED beacons shall be fitted on the roof of the cabin, illuminated 360 degrees on their axis. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **2.2.1.7.** | The truck cabin shall provide space for the installation of the Lithuanian Armed Forces Very High Frequency Radio (RF 7800 V), as well as space for the radio antenna and openings for the radio wiring. The radio integration solution (e.g. location in the cab) shall be agreed with the buyer at the time of manufacture. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| **2.2.1.8.** | The outer part of the cabin shall be equipped with an antenna mounting bracket for the radio | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **2.2.2.               Force protection:** | | | |
| **2.2.2.1.** | Seat belts and head restraints must be fitted | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **2.2.2.2.** | A fully openable and/or hinged circular firing hatch must be installed on the roof of the truck cabin, centered above the cabin. Above the roof hatch, there must be a support and a rotary ring mount designed for securing 7.62 mm FN Minimi (MK3 Tactical) and 5.56 mm FN Minimi machine guns. The mount must feature an adjustable recoil buffer. All structural strength and durability must be sufficient to withstand the recoil force when firing this machine gun. The machine gun firing arc must be 360°. The set shall include a detachable tripod compatible with existing mount. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| **2.2.2.3.** | The truck cabin must be designed to accommodate additional armoured protection against mines and ballistic threats, meeting STANAG 4569 or equivalent requirements, or the truck chassis must be adapted to allow swapping the unarmoured cabin for an armoured cabin compliant with STANAG 4569 or an equivalent standard. | Choose an item. |  |
| **2.2.2.4.** | The towing vehicle must have space for a fire extinguisher (mounted in a special fire extinguisher box on the outside of the vehicle). The fire extinguisher shall not be less than 6 kg. The extinguisher shall be supplied by the supplier. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify weight of the fire extinguisher:\_\_\_\_\_\_\_kg. |
| **2.2.2.5.** | A first aid kit shall be provided inside the cabin. The first aid kit shall be supplied by the supplier. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **2.2.3.                 Heating and air conditioning system:** | | | |
| **2.2.4.** | The truck must be equipped with a heating and air-conditioning system of at least 3.5 kW. The heating equipment shall provide: | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify capacity of heating and air-conditioning system :\_\_\_\_\_\_\_\_kW. |
| **2.2.4.1.** | a cabin interior temperature of at least +12°C when the truck is operated at -32°C. | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.2.4.2.** | a cabin internal temperature of not more than +32°C when the truck is operated at +49°C. | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.3.                      Engine:** | | | |  |
| **2.3.1.** | Must meet at least EURO 3 standard. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify EURO\_\_\_\_standard |
| **2.3.2.** | The engine power must be at least 500 kW (tolerance up to 10%). | Specify engine power\_\_\_\_\_\_\_\_kW. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.3.3.** | It must start without any additional equipment or preparation at a maximum air temperature of -20°C. If the towing vehicle does not start at -32°C without additional equipment, the supplier shall provide additional equipment to start the towing vehicle at -32°C (the preparation shall not take more than 60 minutes). | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.3.4.** | The air intake to the engine must be cyclonically pre-cleaned. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.3.5.** | Must use diesel fuel. | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.4.                      Gearbox:** | | | |  |
| **2.4.1.** | It must be automatic, with at least 12 gears, with the possibility of manual gear changes. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of gears\_\_\_\_\_\_ |
| **2.4.2.** | It must have a low-range gear. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.5.                      Chassis:** | | | |  |
| **2.5.1.** | The truck is all-wheel drive. There must be at least 4 drive axles. A differential locking system shall be fitted to all wheel axles. The axle locking system shall be controlled from the cab for all drive axles and for the differentials between drive axles. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of drive axles \_\_\_\_\_. |
| **2.6.                  Wheels and tyres:** | | | |  |
| **2.6.1.** | Wheels with matching tyres (including spare wheel) not less than 14.00R20 or equivalent. It must be possible for the driver to change the wheel without additional assistance from other soldiers. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.6.2.** | A Semi - Automatic Tire Inflation System must be fitted. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.6.3.** | All tyres (including the spare) must be fitted with Run Flat tyre inserts. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.6.4.** | The towing vehicle's spare wheel attachment must be mounted behind the cabin. The lowering winch of the spare wheel shall be operated hydraulically by push buttons (not mechanically), that is, the spare wheel shall be lowered/lifted by means of a hydraulic device. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.6.5.** | The back-up lowering mechanism shall operate independently of other equipment and shall be equipped with a safety lock/mechanism to prevent accidental or involuntary lowering of the winch. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.6.6.** | The spare wheel must be delivered by the supplier with the truck. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.6.7.** | The mudguards of the second and subsequent axle wheels must be made from ribbed aluminium sheet no less than 4 mm thick, welded. The upper part of the mudguards must be flat. Tandem mudguards (a single mudguard covering all wheels) must be installed at the rear. The vehicle’s side marker lights must be integrated into the mudguards. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.7.                      Brakes:** | | | |  |
| **2.7.1.** | The truck shall be equipped with a braking system with anti-lock braking system (ABS) and parking brake. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.7.2.** | An electronic braking system (EBS) must be fitted. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.7.3.** | All brakes must be drum brakes. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.8.                      Electrical system:** | | | |  |
| **2.8.1.** | 24 V electrical installation complying with STANAG 2601 or equivalent must be installed. | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.8.2.** | The generator must have a rated current of at least 150 A and an output of at least 3500 W. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify nominal generator current:\_\_\_\_\_\_\_\_\_A |
| Specify capacity of generator:\_\_\_\_\_\_\_\_\_\_\_\_\_\_W |
| **2.8.3.** | The truck cabin shall be equipped with at least one DC 24 V and 12 V socket outlet for charging appliances. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify number of DC 24 V ir 12 V sockets in a cabin\_\_\_\_\_\_. |
| **2.8.4.** | The truck shall be equipped with a socket for the external ignition connection (in accordance with STANAG 4074 or equivalent) and a cable of at least 6 metres in length. | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| Specify cable’s lenght:\_\_\_\_\_\_m. |
| **2.8.5.** | Batteries complying with STANAG 4015 or equivalent standard must be inserted. | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.8.6.** | Automatic fuses must be installed instead of standard (melting) fuses. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.8.7.** | Automatic switching on/off of batteries from the driver's cabin with manual switching on/off outside shall be installed. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated enys* |  |
| **2.8.8.** | The truck shall be equipped with a 360-degree camera system, with a brightness of at least 400.00 cd/m², complying with IP40/IP69 or equivalent immunity class, connected to a separate screen of at least 7" HD resolution. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify camera brightness:\_\_\_\_\_ cd/m² |
| Specify HD resolution screen size:\_\_\_\_inches |
| **2.9.                      Lights:** | | | |  |
| **2.9.1.** | Standard headlamps protected by a grille shall be fitted. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.9.2.** | Rear lights must be protected by a grille. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.9.3.** | Side and rear position lamps must be fitted.. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.9.4.** | All electrical equipment on the towing vehicle must be protected, that is, weatherproof. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.9.5.** | The truck shall be fitted with a headlamp light masking device conforming to STANAG 4381 or an equivalent standard approved by another NATO country. It shall also be fitted with protective grilles for the headlamps. | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.9.6.** | The cabin shall be equipped with a reading lamp. A switch for the control and complete disconnection of all the towing vehicle's lights, accessible to the driver in accordance with STANAG 4381 or equivalent, shall be fitted. | Choose an item. | *Original manufacturer's technical documentation is provided\*\*\*\** |  |
| **2.9.7.** | The truck must be equipped with an external lighting system designed for operation during darkness, comprising at least 10 work lights, including 2 behind the cabin, 2 at the cabin access steps (one on each side), 2 on top of the cabin illuminating rearwards or sideways (adjustable), and 2 at the rear that automatically switch on when reverse gear is engaged. The external lighting system must be able to be installed and removed within 5 minutes. The work lights must be protected by grills. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of lights\_\_\_\_\_\_\_ |
| **2.9.8.** | All work lights must have 360º rotation capability, with the option to switch on each side, front, and rear of the truck separately. All lights must be certified for electromagnetic compatibility. | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.9.9.** | The truck must be equipped with at least 12 flashing warning lights (blitz lights) to alert other road users of an oversized load. At least 6 lights must be installed on the front grille of the vehicle, and at least 4 lights must be installed at the rear of the cabin. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of flashing lights:\_\_\_\_\_\_pcs., of which:\_\_\_\_\_\_pcs. are installed in the front grille and:\_\_\_\_\_\_\_\_pcs. are installed in the rear of the cab. |
| **2.10.                   Requirements for fuel tanks** | | | |  |
| **2.10.1.** | The construction of the truck’s fuel tanks must include locks and allow refuelling both using a fuel nozzle handle (adapter) and by pouring fuel from jerry cans (in accordance with STANAG 3756 or an equivalent standard). | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.10.2.** | The truck must be equipped with a lockable box designed to carry three 20-litre fuel cans, which the supplier must deliver together with the truck. The cans must be separated from each other by dividers, and the interior of the box must be lined with rubber | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.10.3.** | The colour of the fuel canister box (both inside and outside) and the canisters must conform to RAL 6031-F9 or an equivalent standard. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.10.4** | Fuel tank capacity not less than 700 liters. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| *Specify capacity of the fuel tank:\_\_\_\_\_\_\_\_\_\_\_liters* |
| **2.11. Mobility** | | | |  |
| **2.11.1.** | The truck must be capable of ascending and descending a slope of at least 60% on a firm and dry surface, and also be able to traverse longitudinally a slope of at least 30% on a firm and dry surface. It must be able to stop and remain stationary on such a slope (using the handbrake), and must be able to start moving again from that position and successfully overcome the slope. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the size of the hard and dry surface gradient to be overcome:\_\_\_\_\_\_\_\_\_%; specify the size of the hard and dry slope:\_\_\_\_\_\_\_\_\_\_\_% |
| **2.11.2.** | The angle of approach of the truck shall be at least 30° without taking into account the influence of the front winch on this parameter | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the angle of the forward exit:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **2.11.3.** | The angle of departure of the truck must be at least 28°. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the size of the reversing angle:\_\_\_\_\_\_\_\_ |
| **2.11.4.** | The towing vehicle shall clear a water obstacle of at least 0,75 m without additional preparation. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Indicate the size of the water obstacle to be overcome:\_\_\_\_\_m. |
| **2.11.5.** | The truck must clear a vertical obstacle (staircase) of at least 450 mm. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the size of the vertical obstacle (stair) to be overcome:\_\_\_\_\_\_mm. |
| **2.11.6.** | The truck shall be able to negotiate a trench with a minimum width of 900 mm. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the width of the trench to be overcome:\_\_\_\_\_\_\_\_mm. |
| **2.11.7.** | It shall have a load marking according to STANAG 2021 AEP-3.12.1.5 or equivalent | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.12.                   Evacuation:** | | | |  |
| **2.12.1.** | The towing vehicle must have an auxiliary towing mechanism (winch) that can pull the trapped towing vehicle. The winch shall have a capacity of not less than 125 kN, a winch rope length of not less than 40 m and a galvanised rope. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify winch power:\_\_\_\_\_kN; specify winch rope length:\_\_\_\_\_\_\_m. |
| **2.12.2.** | The winch shall be covered with a green (cabin) camouflage material. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.12.3.** | The truck must have a rigid towbar suitable for towing another truck of the same type. The rigid towbar must be installed/attached in such a way that it is fully protected against dirt/water. The truck shall have all the couplings and brackets necessary to tow another similar vehicle and to be towed by the rigid towing vehicle of another similar vehicle. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.12.4.** | The Supplier shall provide two emergency signs (warning triangular reflectors placed on the road). | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.13.                   Pulling/Towing:** | | | |  |
| **2.13.1.** | 2.13.1. The truck shall be fitted with a hydraulic double winch capable of towing heavy machinery weighing at least 80 tonnes that has broken down on a semi-trailer. The hydraulic winch system must be capable of safely loading and unloading any type of tracked vehicle (with moving tracks), whether broken or damaged and unable to move on its own, or undamaged and able to move, onto a semi-trailer attached to the truck. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| The weight of the broken heavy equipment being towed using a double-system winch: \_\_\_\_\_\_\_\_\_ tons. |
| **2.13.2.** | The winch of a dual system must operate independently of each other. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.13.3.** | Hydraulic winches shall operate at a minimum of two speeds. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of speeds of hydraulic winches:\_\_\_\_\_\_ |
| **2.13.4.** | The winch clutch must be pneumatic. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.13.5.** | The hydraulic oil tank shall have a filtration system and an oil temperature and level indicator. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.13.6.** | Each winch shall have a pulling force of not less than 390 kN (lower level when the cable is fully extended). | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the pulling force of the winches:\_\_\_\_\_\_kN (lower level when the cable is fully unwound). |
| **2.13.7.** | The pulling force of each winch shall be not less than 245 kN at the upper level (with the cable wrapped around the drum in four layers). | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the pulling force of the winches:\_\_\_\_\_\_kN, (at the top level (when the cable is wrapped around the drum in four layers) |
| **2.13.8.** | The winch remote control shall have a range of at least 20 m. | *Choose an item.* | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the operating distance of the winch remote control:\_\_\_\_\_\_m. |
| **2.13.9.** | The towing rope shall be steel, not less than 28 mm thick and not less than 40 m long. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify rope thickness:\_\_\_\_\_\_mm; specify rope length:\_\_\_\_\_\_m. |
| **2.13.10.** | A visibility-restricting visibility shield for the winch operator shall be fitted. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.14. Transportability:** | | | |  |
| **2.14.1.** | The truck shall be suitable for transport by rail, ship and allied aircraft (A400M, C-17) and shall be equipped with the necessary attachments (for transport, loading and unloading) in accordance with STANAG 4062, STANAG 7213 or equivalent standards | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.15. Coupling devices:** | | | |  |
| **2.15.1.** | A 3.5-inch semi-trailer coupling must be fitted to the truck frame. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.15.2.** | The truck shall be suitable for towing trailers and shall be equipped with couplings and means of towing complying with STANAG 4007 or equivalent standards (the arrangement of the couplings to be agreed with the purchaser at the time of manufacture). | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.15.3.** | A trailer coupling complying with STANAG 4101 or equivalent standard shall be fitted at the rear of the truck. | Choose an item. | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.16.                   Other:** | | | |  |
| **2.16.1.** | Before production can start, a drawing must first be agreed with the buyer. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |  |
| **2.16.2.** | The truck must be fitted with a lockable storage box designed to hold additional equipment and tools. The storage box must be made of stainless steel and include a pull-out drawer with a permissible load of no less than 200 kg. The interior of the storage box must be lined with moisture-resistant plywood. The storage box must be ventilated during summer and heated during winter. The dimensions of the storage box must be agreed upon with the purchaser during production | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the permissible load of the storage compartment pull-out drawer:\_\_\_\_\_\_kg. |
| **2.16.3.** | The truck must be fitted with at least three storage boxes of different sizes (as large as possible) for storing additional equipment and tools. The storage boxes must be made of stainless steel and have a permissible load of no less than 500 kg. The storage boxes must be ventilated during summer and heated during winter. The dimensions of the storage boxes must be agreed upon with the purchaser during production. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of storage boxes: \_\_\_\_\_pcs.; specify the permissible load of the storage boxes: \_\_\_\_\_\_kg. |
| **2.16.4.** | The storage compartments shall be of sufficient size to accommodate all necessary load securing straps, chains, slings, etc. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.16.5.** | The vehicle’s registration number must be clearly visible. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.16.6.** | Spherical, electrically adjustable, and heated rear-view mirrors with extended holders and ramp mirrors shall be fitted. All mirrors shall be capable of being folded into the cabin. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.16.7.** | All information signs, markings, inscriptions and pictograms on the towing vehicle, its components and equipment, inside and outside, must be in the Lithuanian language (with the exception of serial components produced by subcontractors). | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |  |
| **2.16.8.** | The truck superstructure must be manufactured at a factory where a quality management system compliant with LST EN ISO 9001:2015 or an equivalent quality management system standard is implemented. | Choose an item. | *A quality management system certificate issued to the truck superstructure manufacturer is provided.* |  |
| **2.16.9.** | The truck superstructure must be manufactured in a factory that has an implemented environmental management system complying with LST EN ISO 14001:2015 or an equivalent quality management system standard. | Choose an item. | *The environmental management system certificate issued to the truck superstructure manufacturer is provided.* |  |
| ***2.17. Painting, anti-corrosion coating:*** | | | |  |
| **2.17.1.** | The truck shall be painted matt bronze green (RAL 6031-F9) in accordance with STANAG 4360 or equivalent. The frame, frame mounts and wheels shall be black or grey. | *Choose an item.* | *Technical documentation from the manufacturer of the truck with semi-trailer is provided\*\*\** |  |
| **2.17.2.** | Paints shall have anti-corrosive properties. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.17.3** | All steel parts of the superstructure shall be metallised (minimum 85% zinc) before priming and painting. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify zinc content:\_\_\_\_\_%. |
| **2.17.4.** | Glossy parts shall be painted matt green or matt black. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify color:\_\_\_\_\_\_. |
| **2.17.5.** | All aluminium parts of the superstructure shall be anodised black | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.17.6.** | The chassis must have an anti-corrosion coating. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.17.7.** | The supplier shall ensure that the truck is protected against corrosion for a period of at least 10 years. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the corrosion protection period:\_\_\_\_\_\_\_years |
| **2.18. Additional equipment:** | | | |  |
| **2.18.1.** | The truck shall be equipped with a maintenance (level I repair) repair tool kit with a designated attachment/storage area for the driver. The kit shall also include the tools required for changing a tyre. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.18.2.** | Repair kit for simple repairs at the scene of a towing vehicle breakdown. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.18.3.** | Lift. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.18.4.** | Wheel support pads. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.18.5.** | Shovel for sand and snow. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **2.18.6.** | The upholstery of the driver’s and passenger’s seats shall be made of a durable material. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3. Semi-trailer requirements:**  **3.1. Dimensions:** | | | |  |
| **3.1.1.** | The overall length of the semi-trailer must not be less than 16900 mm. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the total length of the semi-trailer:\_\_\_\_\_\_\_\_mm. |
| **3.1.2.** | The overall length of the gooseneck (from the front to the lower load platform) shall be at least 3500 mm. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the total length of the gooseneck: \_\_\_\_\_\_\_mm. |
| **3.1.3.** | The front gooseneck shall be at least 660 mm. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify front overhang:\_\_\_\_\_\_\_mm. |
| **3.1.4.** | The rear gooseneck shall be at least 1100 mm | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the size of the rear overhang:\_\_\_\_\_\_\_mm. |
| **3.1.5.** | The height of the coupling point shall be 1510 mm ± 40 mm when the semi-trailer is loaded. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the height of the coupling pin when the semi-trailer is loaded: \_\_\_\_\_\_\_\_\_\_\_\_mm. |
| **3.1.6.** | The length of the underfloor cargo platform shall not be less than 12800 mm. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the length of the low-floor cargo platform:\_\_\_\_\_\_\_\_mm. |
| **3.1.7.** | The rear slope at the rear of the semi-trailer shall be not less than 300 mm / the angle of inclination not more than 10.0°. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the rear slope of the semi-trailer:\_\_\_\_\_\_mm; specify the slope angle:\_\_\_\_\_\_\_ °. |
| **3.1.8.** | The turning circle of the truck under the semi-trailer shall be at least 2500 mm. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the turning circle of the truck under the semi-trailer:\_\_\_\_\_\_\_\_\_mm. |
| **3.1.9.** | The width of the low-bed cargo platform must be no less than 2750 mm. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the width of the low-bed cargo platform:\_\_\_\_\_\_\_\_mm. |
| **3.1.10.** | The side extensions must be metal with a non-slip surface, at least 220 mm wide on each side. | |  | | --- | | Choose an item. | | Specify the size of the side extensions on each side:\_\_\_\_\_\_\_\_\_mm. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.11.** | The total width including the side extensions must be no less than 3150 mm. | |  | | --- | | Choose an item. | | Specify the total width with side extensions:\_\_\_\_\_\_\_\_\_mm. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.12.** | The width of the raised section of the platform must be no less than 2480 mm. | |  | | --- | | Choose an item. | | Specify the width of the raised platform section:\_\_\_\_\_\_\_\_mm. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.13.** | The loading height of the cargo platform raised to the average transportation level must be no less than 900 mm. | |  | | --- | | Choose an item. | | Specify the loading height of the cargo platform raised to the average transportation level:\_\_\_\_\_\_\_\_mm. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.14.** | In the lowered transport position, the cargo platform loading height (limited platform height under a bridge) must not exceed 850 mm. | |  | | --- | | Choose an item. | | Specify the loading height of the cargo platform at the lowered transport level:\_\_\_\_\_\_\_\_mm. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.15.** | The distance between the axles must be no less than 1360 mm. | |  | | --- | | Choose an item. | | Specify the distance between the axles:\_\_\_\_\_\_\_\_mm. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.16.** | The technically permissible axle load on each axle must be no less than 12.000 kg. | |  | | --- | | Choose an item. | | Indicate the technically permissible axle load on each axle:\_\_\_\_\_\_\_kg. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.17.** | The registered axle load on each axle must be no less than 11.500 kg | |  | | --- | | Choose an item. | | Specify the registered axle load on each axle:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_kg. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.18.** | The technical weight of the semi-trailer must be no less than 120.000 kg. | |  | | --- | | Choose an item. | | Indicate the technical weight of the semi-trailer:\_\_\_\_\_\_\_\_\_\_\_\_kg. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.19.** | The registered weight of the semi-trailer must be no less than 115.000 kg. | |  | | --- | | Choose an item. | | Indicate the registered weight of the semi-trailer:\_\_\_\_\_\_\_\_\_\_\_\_kg. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.20.** | The technical load on the fifth wheel must be no less than 24.000 kg. | |  | | --- | | Choose an item. | | Specify the technical load on the fifth wheel:\_\_\_\_\_\_\_\_\_\_\_\_kg. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.21.** | The registered load on the fifth wheel must be no less than 22.000 kg. | |  | | --- | | Choose an item. | | Specify the registered load on the fifth wheel:\_\_\_\_\_\_\_\_\_\_\_\_kg. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.22.** | The technically permissible total axle load must be no less than 96.000 kg. | |  | | --- | | Choose an item. | | Indicate the technically permissible total axle load:\_\_\_\_\_\_\_\_\_\_\_\_\_kg. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.23.** | The registered total axle load must be no less than 92.000 kg. | |  | | --- | | Choose an item. | | Indicate the total axle load to be registered: \_\_\_\_\_\_\_\_\_\_\_\_\_kg. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.24.** | The unladen weight of the semi-trailer must not exceed 34.100 kg. | |  | | --- | | Choose an item. | | Specify the semi-trailer's unladen weight:\_\_\_\_\_\_\_\_\_\_\_\_\_kg. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.25.** | The technical payload capacity of the semi-trailer must be no less than 92.600 kg. | |  | | --- | | Choose an item. | | Specify the technical payload capacity of the semi-trailer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_kg | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.26.** | The registered payload capacity of the semi-trailer must be no less than 87.600 kg. | |  | | --- | | Choose an item. | | Specify the registered payload of the semi-trailer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_kg | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.27.** | Operating temperature range: from -32°C to +49°C. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.28.** | The load capacity of the hydraulically raised section of the platform must be no less than 20.000 kg. | |  | | --- | | Choose an item. | | Specify the load capacity of the hydraulic elevated platform part:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_kg | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.29.** | The frame of the raised section of the platform (gooseneck) must be reinforced and welded from high-quality structural steel. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.30.** | There must be an automatic hydraulic system for the raised section of the platform (gooseneck). | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.31.** | There must be the possibility to manually adjust the height of both the raised section of the platform and the low-bed cargo platform using buttons and a remote control in order to increase ground clearance. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.32.** | A 3.5-inch coupling pin must be installed | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.1.33.** | At least one pair of swivels lashing rings with a load capacity of no less than 20.000 daN must be installed on the raised section of the platform. | |  | | --- | | Choose an item. | | Specify the load of the swivel lashing eyes: \_\_\_\_\_\_\_daN | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.2. Semi-trailer chassis:** | | | |  |
| **3.2.1.** | Reinforced, welded semi-trailer chassis with a central beam made of high-quality structural steel. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.3. Low-bed cargo platform:** | | | |  |
| **3.3.1.** | ​ Welded steel construction with reinforced cross members. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.3.2.** | Reinforced steel structure designed for transporting loads with high wheel loads (e.g., container handlers). | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.3.3.** | The platform floor is made of steel. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.3.4.** | At least two pairs of swivels lifting lugs are installed. | |  | | --- | | Choose an item. | | Specify the number of loops:\_\_\_\_\_\_\_pcs. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.3.5.** | At least two pairs of 40-foot container locks are installed. | |  | | --- | | Choose an item. | | Specify the number of locks for a 40-foot container:\_\_\_\_\_\_\_pcs. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.3.6.** | At least two pairs of 20-foot container locks are installed. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of locks for a 20-foot container:\_\_\_\_\_\_\_pcs. |
| **3.4. Loading ramps:** | | | |  |
| **3.4.1.** | Double ramps must be folded in half in the transport position. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.4.2.** | Hydraulic ramp lifting and lowering control and lateral movement must be performed using a remote control and a stationary control panel at the rear of the semi-trailer. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.4.3.** | The angle of lowered ramps on the road surface shall not exceed 13°. | |  | | --- | | Choose an item. | | Specify the angle of the lowered ramps on the road surface:\_\_\_\_\_\_\_\_\_ °. | | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.4.4.** | The length of ramps shall be at least 4200 mm. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the length of the ramps:\_\_\_\_\_\_\_\_mm. |
| **3.4.5.** | The width of ramps shall be at least 800 mm. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the width of the ramps:\_\_\_\_\_\_\_\_mm. |
| **3.4.6.** | The maximum permissible load must be at least 80,000 kg per pair. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the maximum permissible load per pair:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_kg. |
| **3.4.7.** | Lateral displacement is performed hydraulically. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.4.8.** | Ramps shall have rubber flooring on the inside and welded steel strips on the outside. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.4.9.** | It must be possible to additionally secure the ramps in the transport position. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| ***3.5. Front supports:*** | | | |  |
| **3.5.1.** | Mechanically retractable supports must be installed to allow the loaded semi-trailer to be parked without the truck. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| ***3.6. Rear supports:*** | | | |  |
| **3.6.1.** | Rear hydraulic supports must be installed to stabilize the rear part of the semi-trailer during the lifting of a load of up to 80.000 kg. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.6.2.** | The supports must be operated using both a remote control and a stationary control panel located at the rear of the semi-trailer. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| ***3.7. Chassis:*** | | | | |
| **3.8.** | There must be at least 8 axles. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of axles:\_\_\_\_\_pcs. |
| **3.8.1.** | Separate (independent) axles with integrated brake and hub systems must be installed | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.8.2.** | The technical load capacity of each axle must be no less than 12.000 kg. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the size of the load:\_\_\_\_\_kg. |
| **3.8.3.** | Anti-lock braking and stability systems must be integrated. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.8.4.** | Axle steering must be carried out with the help of hydraulics. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| ***3.9. Tires:*** | | | |  |
| **3.9.1.** | At least 34 tires must be installed, with dimensions no less than 245/70 R 17.5, mounted on steel rims with dimensions no less than 17.5 x 6.75 (including two spare tires with rims). | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of tires installed:\_\_\_\_\_pcs. |
| **3.9.2.** | Mandatory marking on the tire: snowflake on mountain symbol (3PMSF). | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.10. Suspension:** | | | |  |
| **3.10.1.** | The semi-trailer must be equipped with independent hydraulic suspension on both sides. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.10.2.** | The hydraulic suspension travel must be no less than 320 mm. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify travel size:\_\_\_\_\_mm. |
| **3.10.3.** | The driving height must be adjustable via remote and stationary control panels located on the raised platform section, within a specified allowable range. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| ***3.11***. ***Axle lifting and jack functions:*** | | | |  |
| 3.11.1. | The 1st and 2nd axles must be lifted using double-acting hydraulic cylinders. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.11.2.** | It must be possible to lift each axle using a valve. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.11.3** | It must be possible to lift and lower the axle for tire replacement. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.11.4.** | The semi-trailer lifting must be performed so that when changing tires, the damaged tire hangs freely in the air without touching the ground. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| ***3.12. Hydraulic steering system for the semi-trailer axles:*** | | | |  |
| **3.12.1.** | The steering angle of the last axle wheels must be no less than 55°. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the steering angle of the last axle:\_\_\_\_\_ °. |
| **3.13. Operation of hydraulic functions:** | | | |  |
| **3.13.1.** | The semi-trailer hydraulic system must be connected to the hydraulic system installed on the truck. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.14. Semi-trailer control operating system (CAN BUS):** | | | |  |
| **3.14.1.** | All semi-trailer hydraulic functions must be controlled by separate control panels. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.14.2.** | Stationary control panels must be mounted on the side of the raised platform section, between the axles, or at the rear of the semi-trailer. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.14.3.** | Steering, axle level adjustment, and suspension functions must be controlled by both stationary and remote-control panels. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.14.4.** | The driving height level must be indicated by LEDs on the control panels. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.14.5.** | Automatic semi-trailer lifting and lowering must be provided. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.15. LED sensor for zero position of the truck combination:** | | | |  |
| **3.15.1.** | The semi-trailer must be equipped with an LED sensor and a monitor displaying the zero position (when the truck and semi-trailer are aligned longitudinally). | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.16. The semi-trailer must be equipped with radio control featuring a data transmission system (CAN BUS) and capable of controlling the following functions:** | | | |  |
| **3.16.1.1.** | Steering left/right. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.16.1.2.** | Raising/lowering of driving height. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.16.1.3.** | Raising/lowering of the cylinders in the raised platform section. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.16.1.4.** | Control of ramp displacement to the left and right, as well as raising and lowering. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.16.1.5.** | Control of the rear hydraulic supports located on the left and right - up and down. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.16.2. Information that must be displayed on the radio-controlled panel:** | | | |  |
| **3.16.2.1.** | Steering positions: left, right. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.16.2.2.** | The automatic driving height must have at least 3 levels. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.17. The semi-trailer must be equipped with an information system with a monitor mounted on the semi-trailer, designed to display the following data from the EBS system:** | | | |  |
| **3.17.1.1.1.** | Total mileage. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.17.1.1.2.** | Daily mileage | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.17.1.1.3.** | Fault code indicator. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.17.1.1.4.** | Axle loads | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.18. Braking system:** | | | |  |
| **3.18.1.** | Electronically controlled 2-line pneumatic brake system with ABS and RSS. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.19. Brake connections:** | | | |  |
| **3.19.1.** | Brake connections conforming to ISO 1728 or an equivalent standard must be installed at the front of the semi-trailer. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated.* |  |
| **3.20. 24V lighting system complying with the requirements of Directive 76/756/EEC or an equivalent standard, consisting of:** | | | |  |
| **3.20.1.** | At least 2 LED multifunctional rear lights. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of lights:\_\_\_\_\_pcs. |
| **3.20.2.** | At least 2 LED rear outline lights with integrated side marker lights (horns). | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of rear contour lights:\_\_\_\_\_pcs. |
| **3.20.3.** | LED side marker lights (yellow). | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.20.4.** | At least 2 LED front outline lights (white). | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of front contour lights:\_\_\_\_\_pcs. |
| **3.20.5.** | 1 set of LED white license plate illumination lights. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.21. Front plug sockets:** | | | |  |
| **3.21.1.** | A 15-pin plug socket must be installed at the front of the semi-trailer. | Choose an item. |  |  |
| **3.21.2.** | A 12-pin STANAG 4007 or equivalent standard socket must be installed at the front of the semi-trailer. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.21.3.** | A 7-pin EBS socket must be installed at the front of the semi-trailer. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| ***3.22. Plug sockets for oversized load width signs:*** | | | |  |
| **3.22.1.** | Electrical plug sockets must be installed at the front of the semi-trailer, on the left and right sides, for connecting oversized load width signs. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.22.2.** | Electrical plug sockets must be installed at the rear of the semi-trailer, on the left and right sides, for connecting oversized load width signs. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.22.3.** | An electrical plug socket must be installed at the rear of the semi-trailer for connecting the oversized length sign. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.23. Beacon connection socket:** | | | |  |
| **3.23.1.** | An electrical socket must be installed for beacon connection on the rear of the semi-trailer. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.24.                   Puspriekabės jungtys su vilkiku:** | | | |  |
| **3.24.1.** | All necessary electrical, brake, and hydraulic connections between the truck and the semi-trailer must be provided.. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.25.** | Side protection against slipping must be installed. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.26. Splash protection:** | | | | |
| **3.26.1.** | Splash guards must be fitted behind the last axle. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.27. Central lubrication system:** | | | |  |
| **3.27.1.** | A central lubrication system must be installed for the lubrication points of the raised platform section, steering and suspension. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.27.2.** | Oil dosing must be performed depending on the driving speed and duration | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.27.3.** | One grease pump shall be installed in the raised platform section and at least one at the rear | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.27.4.** | External oil filling must be carried out through the oil filler nozzle. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.28. Painting and anti-corrosion surface coating:** | | | |  |
| **3.28.1.** | The non-slip coating must be integrated into the final coat of paint on the walking surfaces. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.28.2.** | The semi-trailer frame and platform must be coated with anti-corrosion coating and painted with RAL 6031 F9 CARC. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.28.3.** | Wheel rims must be painted RAL 6031 F9 CARC | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.28.4.** | Other parts of the semi-trailer shall be painted in RAL 7021 matt color. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.28.5.** | Axles must be coated with KTL coating and painted matte black | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
|  |
| **3.28.6.** | The fastening loops must be zinc-coated and painted RAL 6031 F9 CARC. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.29. Storage compartments:** | | | |  |
| **3.29.1.** | There must be (at least) two integrated storage compartments. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of storage boxes:\_\_\_\_\_\_\_pcs. |
| **3.29.2.** | One storage compartment shall be made of steel, mounted on the front part of the raised platform, and lockable. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.30. Wheel supports:** | | | |  |
| **3.30.1.** | Four wheel supports with holders must be installed. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.31. Rear view camera:** | | | |  |
| **3.31.1.** | One rear view camera must be installed at the rear of the semi-trailer. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| **3.32. Work lights:** | | | | |
| **3.32.1.** | At least 2 LED reverse/working lights must be installed on the ramps. (activated with the reverse gear.) | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of reversing lights:\_\_\_\_\_pcs. |
| **3.32.2.** | At least 2 LED working lights must be installed at the front of the semi-trailer. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |  |
| Specify the number of working lights at the front of the semi-trailer:\_\_\_\_\_pcs. |
| **3.32.3.** | At least 1 beacon must be installed at the rear of the semi-trailer. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify the number of lights at the rear of the semi-trailer:\_\_\_\_\_pcs. |
| **3.33. Warning signs for oversized cargo width:** | | | |
| **3.33.1.** | Warning signs indicating the width of the oversized load must be installed on the right and left sides of the semi-trailer with integrated LED lights: | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **3.33.1.1.** | The width of the warning signs distributed must be at least 3900 mm. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **3.33.1.2.** | One pair of warning signs must be installed at the front of the platform. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **3.33.1.3.** | One pair of warning signs must be installed on loading ramps. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **3.34. Side extensions of low-floor platforms:** | | | |
| **3.34.1.** | Extension supports designed to increase the width of the low-floor platform to at least 3150 mm in width shall be removed. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify the width of the extendable extension supports:\_\_\_\_\_\_\_\_mm. |
| **3.34.2** | Distribution cover plates with a designated storage/transportation location on the raised platform section must be provided. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **3.35. Installed towing loops:** | | | |
| **3.35.1.** | Two towing eyes, each with a minimum load capacity of 20.000 daN, shall be fitted to the rear of the semi-trailer. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify the load size:\_\_\_\_\_daN |
| **3.35.2.** | Two towing loops must be installed on the raised platform section, each with a minimum capacity of 20.000 daN. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify the load size:\_\_\_\_\_daN |
| **3.36. Spare wheel holders:** | | | |
| **3.36.1.** | There must be two spare wheel holders for the semi-trailer and truck wheels, mounted at the front of the raised platform, with one mechanical lift.. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **3.37. Audio signal:** | | | |
| **3.37.1.** | The audible signal must be activated when reverse gear is engaged. When reverse gear is engaged, the warning audible signal must be activated. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **3.38. Cargo securing equipment:** | | | |
| **3.38.1.** | 2 pcs. of balancers with clamps, with a load capacity of not less than 32000 daN. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify the load size:\_\_\_\_\_daN |
| **3.38.2.** | 2 pcs. of 16 mm fastening chains with a locking pin, with a load capacity of not less than 20,000 daN. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify the load size:\_\_\_\_\_daN |
| **3.38.3.** | 4 pcs. of 13 mm fastening chains (long) with a locking pin, with a load capacity of not less than 16000 daN. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify the load size:\_\_\_\_\_daN |
| **3.38.4.** | 4 pcs. of 13 mm fastening chains (short) with a tightening buckle, with a load capacity of at least 16.000 daN. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify the load size:\_\_\_\_\_daN |
| **3.38.5.** | 4 pcs. of holding loops (LC) with a fastening force of not less than 50000 daN. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify the amount of fastening force:\_\_\_\_\_daN |
| **3.38.6.** | 4 pcs. holding loops (LC) with a fastening force of not less than 25 t. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify the amount of fastening force:\_\_\_\_\_t. |
| **3.38.7.** | 4 pcs. holding loops (LC) with a fastening force of not less than 20000 daN. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify the amount of fastening force:\_\_\_\_\_daN |
| **3.38.8.** | 2 pcs. cargo wedges, with a load capacity of at least 10,000 daN (for wheeled or tracked vehicles). | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| Specify the amount of fastening force:\_\_\_\_\_daN |
| **3.39. Tools:** | | | |
| **3.39.1.** | A wheel wrench must be provided with the semi-trailer. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **3.40. Other:** | | | |
| **3.40.1.** | The location of the centre of gravity of the load must be clearly marked. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **3.40.2.** | A loading diagram must be provided. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **3.40.3.** | All warning labels on the semi-trailer must be in English and/or Lithuanian. | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **3.41. ADR:** | | | |
| **3.41.1.** | Components installed in the semi-trailer must comply with the currently applicable requirements for the transport of dangerous goods (ADR). | Choose an item. | *Document and page where data confirming/proving the requirement is indicated* |
| **4. Documentation:** | | | |
| **4.1.** | The manufacturer/supplier must provide technical maintenance and user instructions for the truck and semi-trailer in English and Lithuanian, printed and on electronic media – one set for each set. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| **4.2.** | The manufacturer/supplier must provide instructions for preparing the truck and semi-trailer for transport and securing them on aircraft, ship decks, and rail car platforms (indicating the securing points). | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| **5. Warranty and compatibility:** | | | |
| **5.1.** | The factory warranty for a truck unit with a semi-trailer must be no less than 2 years or 20.000 km (whichever comes first), calculated from the date of signing the acceptance and transfer act. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| **5.2.** | All technical maintenance (preventive maintenance) during the warranty period shall be performed at the expense of the manufacturer/supplier. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| **5.3.** | The manufacturer/supplier shall ensure that all materials and parts supplied comply with the specifications and requirements under the contract during the warranty period. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| **5.4.** | The manufacturer/supplier must provide training for truck and semi-trailer drivers. At least 10 people, in Lithuanian. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |
| **5.5.** | The manufacturer/supplier must deliver the trucks with semi-trailers to the Lithuanian Armed Forces Vehicle and Equipment Depot Service (address: LT-45252, Kaunas, A. Juozapavičiaus pr. 11B, Lithuania) at its own expense. | *Manufacturer's approval APPROVED/NOT APPROVED* | Not to be completed when the proposal is submitted by the manufacturer. The supplier must submit a manufacturer's declaration |

\*Notes:

1) important: The Supplier, when referring to the specific value of or compliance with a commodity, shall indicate to the Contracting Authority which document submitted by the Supplier to the CVP IS contains the data supporting/evidencing the requirement (indicate the specific folder/file in which the document is contained, the document title and page);

2) each point of the technical requirements, where a specific value is requested, must be supported by the manufacturer's technical documentation;

3) each point of the technical requirements, where confirmation of the manufacturer is required, if the offer is submitted by the manufacturer of the goods himself, this is confirmed in column 3 and no supporting documents need to be submitted, and the corresponding column in column 4 is not filled in. If the offer is not submitted by the manufacturer of the goods, the supplier must:

a) fill in the corresponding column in column 4;

b) submit a declaration signed by the manufacturer together with the offer, confirming compliance with the specific requirement;

4) next to all specified specific materials and (or) specific product names, the words "or equivalent" are written. The supplier, offering a product with equivalent properties, must prove by reliable means at the time of submission of the offer that the offered product is equivalent and fully complies with the requirements set out in the technical specification.

\*\*Documents that the Supplier must submit together with the offer, in accordance with clause 9.10.4 of the Terms of Purchase. This section is mandatory.

\*\*\* Technical documentation is considered to be technical information provided by the manufacturer.

\*\*\*\* in the case when the components are made by a manufacturer other than the manufacturer of the truck itself.