

Technical Specifications

Tender No. 10026163: Two (2) New Electric Wheelchair Accessible Vehicles (WAV) (lot 1 and lot 2)
The required vehicles must each meet at least the following requirements:

No.	Specification	Description
1. General Vehicle Specifications		
1.1.	Vehicle type	Passenger minibus with a special purpose for transporting people with disabilities. Operating conditions at planned location - enviromental conditions: 16°C to 30°C; 20% to 75% non-condensing.
1.2	Year of manufacture	New vehicle. This is assumed if - the manufacture date (chassis and bodywork) is after 01/2024. - no transport and/or storage damage has occurred, i.e. no defects have arisen as a result of "parking" the vehicle for sale or during transport, and - the milage of the vehicle is less than 200 km.
1.3	Steering	LHD (Left Hand Drive).
1.4	Drive	4x2 (2WD) or 4x4 (4WD) (front-wheel/rear-wheel/all-wheels).
1.5	Transmission	Automatic.
1.6	Number of side doors	At least 3.
1.7	Type of rear door(s)	Lift (lift up) or double.
1.8	Seats	min. 7 seats incl. driver - seats of the 2nd and 3rd rows are mounted on rails and have longitudinal adjustment; - the ability to change the arrangement of seats in the following configuration: 1 driver + at least 4 passengers + 1 passenger in a wheelchair (with headrests) for people with disabilities.
1.9	Vehicle colour	Any colour is possible except camouflage colours (any company logo etc. on the vehicle would have to be agreed with the GIZ)
1.10	Overall vehicle length	Min. 5500 mm
1.11	Overall vehicle height	Min. 2800 mm
2. Wheelchair Features		Description
2.1	Wheelchair lift	Electro-hydraulic, horizontal, min. 350 kg (platform not less than 800×1200 mm)
2.2	Wheelchair passenger safety features	Wheelchair fastening system with waist and shoulder belts (not less than 2)
3. Engine / Battery / Charging		Description
3.1	Engine	Fully electric, min. 150 kW; max. speed not less than 100 km/h.
3.2	Traction battery capacity	Min. 80 kWh.
3.3	Combined cycle WLTP range	Min. 300 km.
3.4	EV charging	Charging should be compatible to the standard local electricity supply options CCS2 AC Charge Power: min. 7kW; DC Charge Power (kW): min. 40 kW (compatibility with fast charging stations is required) Car charger from 220V network not less than 3 kW 16A.
3.5	Battery warranty	The battery is covered by a warranty of at least 60 months.
4. Security and Safety Features		Description

4.1	Airbag system	Min. airbags for driver and front passenger.
4.2	Power steering	Required.
4.3	Electronic Braking System (EBS) (supporting Anti-lock Braking System/ Acceleration Slip Regulation/ Electronic Stability Program/ or retarder/other)	Required.
4.4	Parking assistance	Parking assistant and/or rear view camera.
4.5	Locking system	Central door locking with remote control access.
4.6	Head rests	Head rests for all seats.
4.7	Seat belts	Three-point seat belts on all passenger seats.
4.8	Tyres	All-year tyres; in addition, one (1) set of winter tyres suitable for the quoted vehicle is required.
5. Exterior Standard Features		Description
5.1	Side mirrors	Electrically adjustable, folding
5.2	Wipers	Front and rear wipers.
5.3	Lights	Daytime running lights (DRL) - LED or similar.
5.4	Door step	Passenger door step (not less than 100 cm wide), stainless steel handrails.
6. Interior Standard Features		Description
6.1	Air conditioning	Air conditioning/climate control with the ability to adjust separately for the front and rear rows of seats (passenger compartment).
6.2	Heating	Heating system for the front and rear rows of seats (passenger compartment), Webasco heating or equivalent.
6.3	Media system	Media system with Android Auto/CarPlay support.
6.4	Power windows	Electric power windows, min. front.
6.5	Adjustable steering column	Required.
6.6	Interior floor	Interior floor with anti-slip coating.
6.7	Interior lighting	LED interior lighting or similar .
6.8	230 V inverter	Required.
7. Repair and Maintenance Services		Description
7.1	Repair and maintenance services	Repair and maintenance services as well as spare part supply for the quoted vehicle is available with at least one (1) authorized sales/service partner in the Dnipropetrovsk region, Ukraine. The bidder must expressly confirm this requirement in their bid in PDF format and provide the relevant address of the sales/service partner in Ukraine. The address must include the following contact details: Name of the sales/service partner, address, town, email address, telephone number.
8. Accessories / Spare Parts		Description
8.1	DC charging cable	Suitable for Ukraine.
8.2	AC charging cable	Suitable for Ukraine.

8.3	Basic tools set	Required.
8.4	Warning triangle	Required.
8.5	First aid kit	Required.
8.6	Fire extinguisher	Required.
8.7	Spare wheel	Full-size or repair kit.
9. Miscellaneous		Description
9.1	Manufacturer authorization	The vehicle must be authorized by the manufacturer for the use in Ukraine.
9.2	Vehicle standard features	The standard features specified by the manufacturer for the offered vehicle model are part of the specification and must therefore be included in the delivery.
9.3	Documentation	Complete set of documents for the vehicle needs to be available. - Owner's Manual (min. English) - Service booklet (analogue or digital) - Certificate of Conformity (CoC) - Vehicle registration certificate part I, if issued (or an equivalent document specific to the country) - Vehicle registration certificate part II, if issued (or an equivalent document specific to the country) The correct customs tariff codes and customs descriptions in German and English must be provided when placing an order. Upon award of a contract the following data must be submitted in accordance with the EU F-Gas Regulation (2024/573): - Net mass of fluorinated greenhouse gases in products and equipment (in kg) - Tonnes of CO₂ equivalent of bulk gases and of gases contained in products or equipment (in tCO₂ equivalent).