TECHNICAL SPECIFICATIONS

Supply and Delivery of a Five to Seven-Seat 4x4 Electric SUV

Brand- and model-neutral tender document

Procurement reference _____

Procuring entity _____

Quantity _____

Issue date _____

1. Scope of Requirement

The supplier shall supply and deliver a brand-new, seven-seat, four-wheel-drive electric SUV for official operational use on urban roads, highways, unpaved roads and off-road conditions, supported by a manufacturer warranty and local after-sales service.

This specification is brand- and model-neutral. Any reference to a feature, standard or technology describes the required performance only. Equivalent solutions that meet or exceed the stated requirements are acceptable.

Section 2 lists the mandatory requirements. Section 3 lists desirable features. Bidders shall clearly declare any deviation in their offer.

2. Mandatory Requirements and Compliance

No.	Requirement	Minimum specification	Bidder's offer and datasheet reference	Comply Yes/No
A. General				
2.1	Vehicle condition	Brand new, unused, current production model; model year to be stated		
2.2	Body type	SUV with minimum five doors, including rear door/tailgate		
2.3	Seating	Minimum seven seats, including driver, each with a three-point seat belt		
2.4	Drive system	Four-wheel drive or all-wheel drive (full-time or on-demand)		
2.5	Transmission and steering	Automatic (including single-speed electric drive); power-assisted steering		
2.6	Market compliance	Meets registration and operating requirements in the country of destination		
B. Electric drive and charging				
2.7	Powertrain	Plug-in electric vehicle with an on-board combustion engine, that can be driven by electric power and charged from an external source: range-extended electric (REEV) or plug-in hybrid (PHEV). Bidder to state type.		
2.8	Driving range	Total driving range of at least 1,200 km, manufacturer-certified; bidder to state the test cycle used		
2.9	Charging	AC charging with a connector compatible with charging infrastructure in the country of destination; charging cable supplied		
2.10	Battery	Battery management and thermal-management system		
2.11	Driver information	Display of battery charge, remaining range and charging status (and fuel level, where applicable)		
C. Off-road capability				
2.12	Traction and stability	Electronic traction control and electronic stability control		
2.13	Driving modes	Selectable driving modes, including at least one off-road or low-traction mode		
2.14	Hill assistance	Hill-start assist; hill-descent control or equivalent		
2.15	Ground clearance	Suitable for unpaved roads and off-road use, with manufacturer-standard underbody protection; bidder to state ground clearance and wading depth		
2.16	Wheels and tyres	Tyres suitable for paved and unpaved roads; spare wheel or manufacturer-approved emergency mobility kit, with jack and tools		
D. Safety				

No.	Requirement	Minimum specification	Bidder's offer and datasheet reference	Comply Yes/No
2.17	Airbags	Driver, front-passenger and front side airbags		
2.18	Braking	ABS, electronic brake-force distribution (or equivalent), brake assist and autonomous emergency braking		
2.19	Child safety	ISOFIX or equivalent child-seat anchorages		
2.20	Tyre pressure	Tyre pressure monitoring system		
2.21	Parking aids	Front and rear parking sensors and reversing camera		
2.22	Lighting and visibility	LED or equivalent headlamps, daytime running lights, rear wiper and rear demister		
E. Comfort and interior				
2.23	Air-conditioning	Air-conditioning with outlets or provision for rear passengers		
2.24	Convenience	Power windows, electrically adjustable mirrors, remote central locking or keyless access, adjustable driver seat and steering wheel		
2.25	Connectivity	Bluetooth and/or smartphone connectivity; USB charging ports		
2.26	Cargo	Folding rear seats for additional cargo space		
F. Warranty and support				
2.27	Warranty	Comprehensive manufacturer warranty covering the vehicle, electric drive and traction battery; terms to be stated		
2.28	After-sales service	Authorized service facility in the country of destination, with trained technicians, diagnostic equipment and genuine spare parts for the offered vehicle		

3. Desirable Features

The following features are desirable but not mandatory. A bid will not be disqualified for not offering them. They will be considered only as set out in the evaluation criteria of the solicitation document.

No.	Desirable feature	Offered Yes/No	Bidder's details
3.1	Side-curtain airbags		
3.2	Lane departure warning and/or lane-keeping assistance		
3.3	Blind-spot monitoring and rear cross-traffic alert, or equivalent		
3.4	Cruise control (adaptive cruise control preferred)		
3.5	360-degree surround-view camera		
3.6	DC fast charging		
3.7	Vehicle-to-Load (V2L) capability		
3.8	Full-size spare wheel		
3.9	Differential locking or equivalent electronic traction management		
3.10	Automatic climate control		
3.11	General vehicle warranty of at least five (5) years or 100,000 km, whichever occurs first		

Luxury features such as massage seats, premium entertainment screens, decorative lighting and panoramic roofs are not required and do not make up for any mandatory requirement that is not met.

4. Information to Be Submitted with the Technical Offer

- Manufacturer, model, model year and country of manufacture/origin.
- Official manufacturer technical datasheet or brochure, and a list of standard equipment.
- Powertrain type, motor output and combined system output, where applicable.
- Traction battery type and capacity (kWh).
- Electric-only range and total range, with the test cycle used.
- Energy consumption, fuel consumption and emissions, where applicable.
- AC and DC charging power, connector type and charging times.
- Vehicle dimensions, ground clearance and wading depth.
- Tyre size, wheel size and tyre specification.
- Delivery lead time.
- List and explanation of any deviations from the requirements.

5. Warranty and After-Sales Support

The bidder shall provide:

- Warranty terms for the vehicle, electric motor and drive, traction battery, combustion engine (where fitted) and body/corrosion, including exclusions and conditions for keeping the warranty valid.
- Address and contact details of the authorized service facility in the country of destination.
- Evidence of technicians trained on the offered powertrain, and of available diagnostic equipment.
- Confirmation that genuine spare parts are available, with expected lead times for critical parts.
- Preventive maintenance schedule and arrangements for warranty repairs.
- Battery end-of-life or recycling arrangements, where provided by the manufacturer.

6. Accessories and Documents at Delivery

- Warning triangle(s), fire extinguisher and first-aid kit.
- Jack, wheel-changing tools and manufacturer-standard tool kit.
- Standard charging cable(s) and any portable charging equipment offered as standard.
- Floor mats.
- Minimum two sets of keys/remotes, where provided by the manufacturer.
- Owner’s manual, service documentation and warranty documentation.

7. Inspection and Acceptance

Before final acceptance, the vehicle will be inspected to confirm that it conforms to the contract and the accepted technical offer, including identification details (VIN, model year and delivery mileage), condition, equipment, accessories, documentation and operation of all vehicle systems. Any non-conformity shall be rectified before final acceptance.

8. Bidder Declaration

We certify that the information provided in this technical offer is accurate and that the offered vehicle complies with the stated requirements except where deviations have been clearly declared.

Authorized representative	Information
Company name	
Name and title	
Signature	
Date	