MINISTRY OF NATIONAL DEFENSE ARMY LOGISTIC BRIGADE	TECHNICAL SPECIFICATIONS FOR PASSENGER CAR سيارة سياحية	SPECIFICATION №: ALG26EQU-MECH-xxx-1

Item no. 1:

1- <u>GENERAL COMMON TERMS (a\b\c)</u>:

Title	Minimum Requirements
Administrative conditions	- This specification covers a **passenger car,** intended for the transportation of army personnel. - The offered vehicle shall be brand new, unused, model year 2025 or newer, not refurbished, reconditioned, or previously registered, and shall have an actual odometer reading not exceeding 500 km at delivery. - Supplied through an authorized dealer/distributor in Lebanon with OEM authorization valid on bid date. - The contractor must guarantee the availability of spare parts for the next 10 years. - Three (3) years or one hundred thousand (100 000) kilometer full warranty from the date the legal authority approves the official acceptance. - All proposed vehicles shall be identical in brand, model, trim level, and year of manufacture. - Warranty includes labor, spare parts and all peripherals (Original). - Reparation of major components during the warranty period must be done within fifteen working days maximum. - Any additional accessory offered by the manufacturing company to the vehicle has to be accepted if approved by the technical expert. - All major components of the vehicle (including, but not limited to, the engine and transmission) shall be of proven design, not newly introduced or experimental models, and shall have been in production and successfully tested under operational conditions for a minimum period of three (3) years. - All tools and equipment including scanners, special tools needed for maintenance, testing and calibration for the whole vehicle shall be provided in case of procuring 10 vehicles at least (list according to the manufacturer should be provided and approved by the administration technical expert). - Engine shall operate on 95-RON (Research Octane Number) gasoline or lower without software derate or warranty restriction. - All software and needed updates for scanners and calibration tools shall be provided free of charge for the whole warranty period. They shall remain valid, functional and usable after the warranty period, with or without further updates. - Prior to the official acceptance of the vehicles by the administration, the contractor/dealer shall maintain in Lebanon a minimum spare parts stock sufficient to support at least 15% of the delivered fleet for a period of one year of normal operation. - The stock shall include, at minimum, fast-moving maintenance items, consumables, filters, brake components, suspension parts, electrical

Title	Minimum Requirements
	components, lighting units, belts, hoses, sensors, and other critical spare parts related to the offered vehicle model. - A detailed spare parts stock list with quantities and storage location shall be submitted to the administration before final acceptance. - The administration reserves the right to inspect and verify the availability of the declared spare parts stock prior to granting official acceptance. - The offered vehicle shall be technically and financially evaluated by the administration.
Documentation	The contractor shall submit in English or French copies of the following: - User's manual (hard copy in each vehicle)-Arabic copy. - Driver's technical video training (TVT) (soft copy). - Maintenance and repair manuals (soft and hard copies). - Detailed lists of spare parts and components with serial numbers (soft and hard copies). - Price list of total spare parts must not exceed than 10% during the next three /3/ years from the date the legal authority approves the official acceptance. (soft and hard copies)
Training	Required (The contractor must deliver a list of required sessions to achieve the goals mentioned below)
	10 trainees to become master technicians and attend a Level 1 2 3 training in Lebanon for a sufficient period (Theoretical, and practical maintenance).
	For level 4 and 5 reparations done at the dealer's workshop, the administration has the right to assign technicians from the main supplier workshop to be present and observe the reparation process at the dealer's workshop.
Miscellaneous	A SAT (Site acceptance test) of the delivered car can be conducted in Lebanon to assure that they fulfill the manufacturer technical specifications and these technical specifications.
Maintenance contract	- A maintenance service contract shall be provided for each vehicle, based on 60,000 km or 36 months, whichever occurs first. - A detailed maintenance schedule, compliant with the manufacturer's recommendations, shall be submitted with the offer, clearly indicating service intervals, required operations, and parts to be replaced.

Item no. 2:

2- <u>SMALL FAMILY CAR:</u>

Title	Minimum Requirements
Brand	- Global\International "Worldwide Recognition" - The Contractor shall demonstrate that the offered vehicle brand is widely recognized and established worldwide, and is actively used in international markets for at least the last ten (10) years. The Contractor shall, upon request, submit supporting documentation, including but not limited to annual global sales figures and market presence data.
Usage	Used for personnel transportation and able to move in all weather conditions and different terrain.

Title	Minimum Requirements
Color	Upon the demand of the army administration.
Body Style	- The vehicle shall be constructed with a rugged and durable structure, featuring a high-strength, rigid steel frame and body, treated to ensure corrosion resistance and protection against deterioration, while providing a quiet, smooth, and safe ride. - Vehicles shall be based on a proven modular platform shared across multiple production models, ensuring reliability, availability of spare parts, and at least two years of operational validation. - Sedan or CUV(crossover-compact SUV) type is required. (sedan car minimum length: 4300mm; CUV minimum length: 3900mm)
powertrain (or propulsion) type	ICE (Internal Combustion Engine)
Engine (when applicable)	- Gasoline engine (**1.4** Liters and above) without turbo. - 4 cylinders . - Liquid cooled. - Electronic fuel injector. - Rated net power: **95** Hp.(according to the following standard ISO 1585, SAE J1349 or equivalent); The quoted engine power shall be the net engine power, measured with all standard engine accessories installed and operating, including the air intake system, exhaust system, water pump, alternator, and other production equipment. - Rated Torque: **130** Nm. - Power/Curb Weight: **90** Hp/Ton
Autonomy range	The total driving range shall not be less than 300 km.
Transmission system	- Automatic or CVT (Continuous Variable Transmission) gearbox (Four speed forward and one speed reverse). - Manual or DCT (Double Clutch Transmission) gearboxes are not accepted. - Any Other transmission system is subject to the expert(s) approval.
Drive line	- Two-wheel drive (front drive). - Contribute to the vehicle stability in uneven ground and off- road terrain.
Suspension system	- Contribute to the vehicle's handling and braking for good active safety on high speed and extreme turns and keep the vehicle occupants comfortable and reasonably well isolated from road noise, bumps and vibrations.
Steering system	- Left hand side, power assistance steering.
Brake system	- Ventilated, Solid Disc or drum type (Front and rear distributors) with ABS system or equivalent. - Hand brake.
Wheels	- OEM basic steel rim wheels with original covers or better. - Worldwide recognized brand name. - New brand all season tire that will assure a good handling and braking. - One complete temporary spare wheel with tire properly located should be available.

Title	Minimum Requirements
Payload	- 400 Kg minimum.
Passenger	- 5 Passengers with rear legroom not less than 860mm (according to SAE J1100 L51-2)
Accessibility	- Front compartment: Two side doors. - Rear compartment: Two side doors. - Rear trunk lid or rear hatch lid.
Electrical	- Enough voltage for starting and lighting. - Control system that controls all electrical and electronic components to assure stability, component data transfer, component safety and security, etc... - Full lighting including turn indicators, head, tail, brake.
Interior and exterior features	- Fabric seats or better. - Central lock. - Two minimum Passenger airbags. - Air conditioning / heating to ensure a comfortable cabin environment for all occupants in all driving conditions. - Two front power windows at least. - Radio with Bluetooth connectivity at least. - Front and rear cup holders. - Foldable outside mirrors.
Safety factors	- At least two of the following systems shall be included to assure stability, non- slipping and good handling of the vehicle on roads: pre-crash safety control, EBD, ESC, VSC, Active traction control or others equivalent.
Additional features	• Rear parking sensors. • Built-in screen (OEM) with rear camera to display external views. • Anti-theft Immobilizer. • Fire extinguisher. • OEM Vehicle Jack. • Safety triangle. • Electric adjust mirrors. • Fog lamps.

TECHNICAL SPECIFICATIONS FOR
PASSENGER CAR
سيارة سياحية
COMPOSED OF 5 PAGES
SIGNED BY THE AUTHORITIES BELOW

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Lieutenant Engineer Joe Sarraf

Director of Technical Directorate In Charge
Brigadier General Engineer Malek Kabbara

Commander of Logistic Brigade
Brigadier General P.S.C. Johny Akl

Yarze on / / 2026
General Haykal
Commander in Chief of the Armed Forces

Approved on / / 2026
Minister of National Defense

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PASSENGER CAR EVALUATION

TECHNICAL EVALUATION

Dealer: _____

Brand: _____

The technical evaluation will take into consideration some parameters defined in the below table. For each parameter the minimum threshold defined in the above requirements is the minimal acceptable value (where mentioned).

The value "**P**" for each bidder according to the selected parameter will take a min-max linear proportional point, between minimum and maximum thresholds defined for each parameter.

A- Evaluated Parameters:

Parameter	Credit
1-Power/Curb Weight (Hp/ton) (bigger is better); where: * Power = OEM net-rated engine Power listed and according to the offered trim. Formula to be used: $P = 30 + \frac{(X-90)}{(115-90)} x30$ NB: Offered cars with Power/Curb Weight higher than 115 will take 60.	60
2- Number of additional airbags - 6 airbags will have 10 points. - 4 airbags will have 8 points. - 2 airbags will have 5 points. -Below 2 airbags will have 0 points.	10
3- Rear Legroom (in mm)- (bigger is better). Formula to be used: $P = \frac{(X-860)}{(X(max)-860)} x10$	10
4- Production year - 2027 production year will have 10 points. - 2026 production year will have 5 points. - 2025 production year will have 0 points.	10
5- Rated payload (Kg)- (bigger is better). Formula to be used: $P = \frac{(X-400)}{(X(max)-400)} x5$	5
6- Crash rating according to NCAP (New Car Assessment Programme) ; Euro NCAP, NHTSA, IIHS, ANCAP or equivalent. - 5 stars will have 5 points. - 4 stars will have 1 point. - 3 stars and below will be rated by Zero.	5

- *All above values shall be determined based on supporting documents submitted by the contractor, including OEM test reports and official brochures corresponding to the exact offered trim level.*
- *A **compliance sheet** shall be submitted for each item of the offer, clearly indicating conformity with the above requested specifications and the attached evaluation criteria.*

FINANCIAL EVALUATION

The vehicle with the lowest Price will get 100 points, while others will get points as follows:
If brand A has the lowest Initial price "A" then, A pts = 100
If brand B has a higher price "B" then, B pts = $\frac{A}{B}x100$

VEHICLE EVALUATION

Vehicle evaluation is the sum of the points from the Technical and the financial evaluations where the technical evaluation accounts to 60% of the total whereas the financial evaluation accounts to the rest 40%.

Final score (bidder1) = Technical points x 0.6 + financial point x 0.4

The bidder that has the highest score will win the bid.

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