

Technical Specifications for Hatch Back Car

S. No.	Criteria	Requirement	Offered Specification
1	General	Five Door Right hand drive, hatch back car suitable for normal and rough driving in Nepal at an altitude up to 2000 meter and in ambient temperature -5 to 50 degree centigrade. Gross vehicle weight (GVW) of the car shall not be less than 1000KG and shall have seating capacity of for at least 5 passengers including driver.	
2	Engine	4-Stroke,(1200 ±1%), Four cylinder ,Petrol Engine developing maximum rated power output not less than 80 PS at governed RPM and Maximum torque not less than 110 N-m , shall fully equipped with accessories for efficient full load operation of the car.	
3	Emission Standard	The emission standard of the vehicle should be of Nepal vehicle mass emission standard -2069(Euro-iii)which is to be certified by Department of Transport Management Nepal.	
4	Gauges	To include speedometer ,water temperature, fuel, oil pressure etc, as necessary for efficient operation and maintenance.	
5	Clutch	Dry, Single Plate	
6	Transmission	Manual Shift at least five forward and one reverse , all forward synchromesh, floor mounted	
7	Ground Clearance	high ground clearance preferred not less than 170 mm ,	
8	Suspension	Front: Independent McPherson Strut with anti roll bar and coil spring Rear: Independent Twist beam with twin gas and shock absorbers	
9	Tires	Standard Size	
10	Steering	Power Assisted/Power Steering	
11	Brakes	Front Disc type, rear disc/ drum type, hydraulic operated on all wheels, and parking brake	
12	Cab	4 side doors and 1 back door, all metallic cab with insulated roof , laminated glass wind screen, Front wind screen washer and wipers, glass windows on doors through ventilation , comfortable and adjustable seats for driver and c0-passenger. Floor mats, two sun visors, and two rear view mirrors, Floor mats.	
13	Chassis and Frame	Steel, heavy duty,with toe –hook.	
14	Essential accessories	<ol style="list-style-type: none"> 1. Head light, tail light and rear light, 2. reversing light and turn signals. 3. Cabin lights, 4. Speedometer/Odometer 5. Spare wheel with tyre and tube 	

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		6. Suitable jack with handle 7. Seat Belt for driver and co-passenger 8. Safety Airbags for Driver and Co-passenger 9. Air Conditioning 10. Remote control Locking System 11. Power Windows (Front and Rear) 12. Radio, AM/FM, USB Port 13. Antilock Breaking system 14. Heater	
15	Instructions	All signs and instructions in the vehicle shall be in English	
16	Manuals	copy of the operator's Owner's Instructions in English shall be supplied with each vehicle.	
17	Color	Standard Color	
18	Proven Performance	1. The vehicle offered shall be of current model under standard production by the manufacturer for at least one year 2. The bidder shall provide the manufacturer's data about the performance of the unit performance curve of the engine	
19	Warranty	Manufacturer shall provide a minimum of one year warranty acceptance.	
20	Delivery	The hatch back cars (1unit) shall be delivered to: Ayurveda Hospital Naradevi, Kathmandu, Nepal.	
21	Fuel Tank capacity	Not Less than 40 Liters	
22	Manufacture date	2017	

Note: The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid offer.