



Technical Specification of 54-Seater School Bus

S.N.	Criteria	Requirement	Offered Specification
1	General	Right Hand Drive 3X2 Seating Layout model Bus , suitable for driving in Nepal at an altitude up to 2500 meter and in ambient temperature -5 to 50 degree centigrade. Gross Vehicle Weight of the Vehicle shall not be less than 7000 kg. Wheelbase should be min.5100mm. & Seating capacity for at least 54 Persons including driver.	
2	Engine	Maximum rated power output not less than 160HP at governed RPM with torque min. 550 NM at governed RPM , engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions, cold starting device, heavy duty fuel filter.	
3	Emission Standard	The Emission Standard of the vehicle should be "Vehicle Mass Emission Standard" of Nepal Which is to be certified by Department of Transport Management , Nepal	
4	Gauges	To include water temperature , fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance, etc.	
6	Transmission	Manual shift at least 5 forward and one reverse	
7	Fuel Tank capacity	At least 200 Liters Diesel.	
8	Suspension	Semi - elliptical Leaf Spring at front & Rear	
9	Tyres	At least 9.00R20 - 16PR	
10	Steering	Power Steering	
11	Brakes	Dual Circuit Full Air Brake with Manufacturer Fitted ABS.	


12	Cab/Body	All metallic/FRP CAB, front wipers, glass windows on doors, through ventilation, comfortable seats, rear view mirror and two side view mirrors. (a) Three bars at the all windows. (b) Rear windscreen breakable glass (With Hammer). (c) Rear Emergency Exit.	
13	Chassis and frame	Steel, heavy duty suitable for rough road conditions with toe-hook	
14	Essential accessories	a. Head light, tail and rear light, reversing light, turn signals. b. Cabin lights. c. Speedometer/ odometer d. Heavy duty front bumper. e. One spare wheel with tyre and tube. F. Suitable Jack & Handle g. Seat belt for driver h. Fire Extinguisher. i. Dustbin j. First Aid Kit k. School Logo, Stop Sign, Bag Rack	
15	Instructions	All signs and instructions in the vehicle shall be in English.	
16	Manuals	One Copy of the Operator's and Owner's instructions and maintenance manual in English shall be supplied with the vehicle.	
17	Tools	A set of tools as required for general maintenance shall be supplied.	
18	Color	Yellow	
19	Warranty	Manufacturer shall provide a minimum of One-year warranty after acceptance.	
20	Delivery	54-Seater School Bus, shall be delivered to: Gandaki Boarding School, Lamachaur, Pokhara.	



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