

Technical Specification of 50 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 upto 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. 4900mm. & Seating capacity for at least 50 Persons including driver.	Make: Model:
2	Engine	Maximum rated power output not less than 120 HP at governed RPM with torque min. 400 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 Mangement , 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	
8	Suspension	Semi - elliptical Leaf Spring at front & Rear	
9	Tyres	7.5X16 - 16PR	
10	Steering	Power Steering	
11	Brakes	hydraulic vacuum assisted/Dual Circuit Full Air S-Cam Brake with (MANUFACTURER FITTED ABS).	
12	Cab	All metallic/FRP CAB with insulated roof, front wipers, glass windows on doors, rear view mirror and two side view mirrors.	
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 d. Heavy duty front bumper. e. One spare wheel with tyre and tube. F. Suitable Jack & Handle g. Seat belt for driver	



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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	Colour	Standard color	
19	Warranty	Manufacturer shall provide a minimum of One-year warranty after acceptance.	
20	Delivery	50 Seater School Bus, shall be delivered to: Ishworpur Municipality Office Ishworpur, Sarlahi	



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