

Technical Specifications

OWNER: Lekbeshi Municipality, Kalyan (Surkhet)

SCHOOL BUS (Minimum 40 Seater) - 1 Unit

S.N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Right Hand Drive hard top School Bus suitable for Normal and rough road driving in Nepal. Gross Vehicle Weight (GVW) of the Bus shall not be less than 7000 kg also shall have seating capacity for at least 40 students including driver.	Make: Model: Country of Origin:
2	Seating Capacity	Seating Capacity of at least 40 passengers with seating layout of 3x2 or 2x2	
3	Engine	Diesel Engine developing developing Maximum rated power output not less than 120 PS and Maximum torque not less than 375 NM at governed RPM, shall fully equipped with accessories for efficient full load operation of Bus.	Make: Model:
4	Emission Standard	The Emission Standard of the vehicle should comply with the Vehicle Mass Emission Standard of Nepal.	
5	Gauges	Gauges and meters as necessary for efficient operation and maintenance.	
6	Clutch	Heavy duty disc type/ Diaphragm type	
7	Transmission	Manual shift at least Five forward and one reverse, all forward synchromesh.	
8	Suspension	Semi- elliptical leaf at front and rear suspension. Shock absorbers at front and rear.	
9	Tyres	Standard size	
10	Steering	Power Steering	
11	Brakes	Dual circuit full air S-Cam brake	
12	Seating Layout	"3x2" or "2x2"	
13	Cab	All metallic/FRP cab with insulated roof, laminated/tinted glass windscreen, washers and wipers, glass windows on doors and windows, comfortable seats for driver and passenger, sun visor for driver, rear view mirror, and side view mirrors.	
14	Chassis and frame	Steel, heavy duty, with toe-hook.	

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15	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	
16	Instruction	All signs and instruction in the vehicle shall be in English.	
17	Manual	One copy of the Operator's and Owner's Instructions in English shall be supplied with each vehicle.	
18	Tools	A set of tools as required for general maintenance shall be supplied.	
19	Color	Standard color	
20	Proven Performance	The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption performance curve of the engine.	
21	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
22	Initial Service	The supplier shall provide with the equipment all the necessary filters and spare parts required for the first services, after the equipment has been commissioned and accepted.	
23	Delivery	The School Bus, RHD - 1 unit and its spare parts shall be delivered to: Lekbeshi municipality Kalyan (Surkhet)	
23	Approx. Estimate per unit		

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.

Bidder's Signature.....

Date.....

Prepared By:

Om Bahadur Thapa

Mechanical Engineer

Heavy Equipment Division, Nepalgunj

Signature and date:

Om Bahadur Thapa
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महानगरपालिका नेपालगञ्ज
सडक विभाग
डिप्टी इक्विपमेण्ट डिभिजन
नेपालगञ्ज, बाँके