

Annex - I
Technical Specification of School Bus



S.N.	CRITERIA	REQUIRED SPECIFICATION	OFFERED SPECIFICATION	Remarks
1	General	Right Hand Drive, "3 X 2" seating layout bus, not less than 50 Seats 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 9,500 Kgs with latest year of manufacture.	Make: Model: Mfg. Year: Country of Origin: No. Of Seats:	
2	Engine	Four Cylinder Diesel Engine, developing maximum rated power output not less than 115 KW & maximum torque not less than 450 Nm at governed RPM, Engine Displacement not less than 3200 CC, and Engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions.	Make: Model: BHP: Torque: Displacement (cc): No. Of Cylinder:	
3	Emission Standard	The Emission standard of the vehicle should comply with the latest "Vehicle Mass Emission Standard 2082" of Nepal which is to be certified by Department of Transport Management Nepal.		
4	Wheel Base	Not more than 5,500 mm		
5	Overall Length	Not more than 10,000 mm		
6	Gauges	To include gauges as necessary for efficient operation and maintenance.		
7	Clutch	Not Less than 300 mm		
8	Transmission	Manual shift at 5 forward and one reverse, floor mounted engaged through control at driver seat.		
9	Fuel Tank Capacity	Not Less Than 100 liters		
10	Ground Clearance	Not Less Than 180 mm		
11	Suspension	Leaf Springs / coil springs/ torsion bar/ shock absorbers at front and rear.		
12	Wheel & Tires	Standard Size: Four (4) pieces at rear and two (2) pieces at front with One (1) no. spare tire with disc.		
13	Steering	Power Steering		
14	Brakes	Front Ventilated Disc type, rear disc / drum type, pneumatic operated on all wheels with ABS and parking brake dual circuit preferred.		
15	Body	Enclosed Body with Insulated roof, Atleast two doors, Front laminated glass windscreen and Rear Tempered glass, glass windows, comfortable seats, Emergency Exit.		

(Handwritten signature)

(Handwritten signature)
स्वमेन्द्र प्रसाद भट्ट
प्रमुख प्रशासकीय अधिकृत

16	Chassis & Frame	Heavy duty metal frame suitable for rough road condition		
17	Essential Accessories	A. Head light, tail and rear light, reversing light and turn signals.		
		B. Interior Lights.		
		C. Speedometer/ Odometer.		
		D. One Spare wheel with tyre and tube.		
		E. Suitable jack and handle.		
		F. Seat belt for driver		
		G. Atleast One Fire Exintuisher & First Aid Kit		
		H. Rear View Camera System (RVCS) for driver		
		I. Anti- Skid floor Equipped with all accessories offered in the standard model but not limited to the above items.		
18	Instructions	All signs and instructions in the vehicle shall be in English.		
19	Manuals	One Copy of the Operator's and Owner's instructions and maintenance manual in English shall be supplied with the vehicle.		
20	Tools	A set of tools as required for general maintenance shall be supplied.		
21	Colour	Standard / Yellow Preferable		
22	Warranty	Manufacturer shall provide a minimum of Two year or 200,000 kms which ever earlier after acceptance.		
23	Delivery	The 1 (One) Unit bus shall be delivered to:		
		Krishnapur Municipality		
		Krishnapur -05, Kanchanpur		

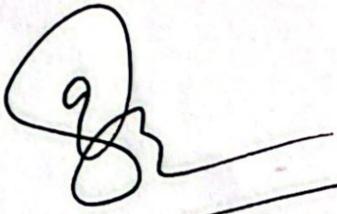
Note:

- These major items are indicated by bold highlighted letter/words, figures in the technical specifications. Non-Compliance of these major items will result in non-responsiveness of the bid offer.
- Bidder is required to submit Bus catalogue and Published MRP list.
- Bidder is required to submit Documentary evidence showing that manufacture's representative in nepal has been providing same products sales and service at least past 5 years.

Prepared by:

Signature: 
 Name: Er. Bhuwesh Pant
 Mechanical Engineer
 NEC Reg. 3172 Mechanical 'A'




 स्वगेन्द्र प्रसाद भट्ट
 प्रमुख प्रशासकीय अधिकृत