

## Technical Specification for Passenger Bus

S. N.	Criteria	Requirements	Offered Specification
1	General	Right Hand Drive, Factory built city Bus with 2X2 seating, suitable to operate in rough and hilly road condition of Nepal <b>GVW of the vehicle not less than 6500 Kg,</b> <b>Seating capacity for 24 – 32 passengers</b>	Make: Model: Origin:
2	Engine	Four strokes, diesel engine developing <b>Maximum Power not less than 70 kW</b> at governed RPM <b>Maximum Torque not less than 275 Nm at governed RPM</b>	
3	Emission Standard	The Emission Standard of the vehicle should be capable of meeting applicable Nepal Vehicle Mass emission standard, which is to be certified by Department of Transport Management, Nepal	
4	Gauges	Speedometer, Fuel, Oil Pressure etc as necessary for the efficient operation and maintenance	
5	Transmission	Manual shift, <b>at least five forward and one reverse</b>	
6	Suspension	Semielliptical Leaf spring at front and back	
7	Brakes	Servo assisted Hydraulic or Air Brake	
8	Cab	All metallic cab with insulated roof, wind screen wiper, two sun visor, rear view mirror and two side view mirror	
9	Chassis and frame	Steel, heavy duty suitable for rough road conditions with tow hook	
10	Essential Accessories	The vehicle should be equipped with: <ul style="list-style-type: none"> <li>• Head light tail and rear light, reversing light and turn signal</li> <li>• Cabin light</li> <li>• Odometer</li> <li>• 1 spare wheel with tire and tube</li> <li>• Suitable Jack and handle</li> <li>• Radio AM/FM</li> </ul> <b>And all other accessories offered in standard model but not to be limited to above items.</b>	

Technical Specification of Passenger Bus

*[Signature]*  
Engineer


*[Signature]*

11	Color	Standard City Bus color	
12	Instruction	All signs and instruction in the vehicle shall be in English.	
13	Manuals	One copy of the operators and owner's instruction and maintenance manual in English.	
14	Tools	A set of tools for general maintenance shall be supplied	
15	Proven Performance	The vehicle offered shall be a <b>current model</b> under standard production by the manufacturer for at least one year.	
16	Warranty	Manufacturer shall provide a <b>minimum one year warranty</b> after acceptance	
17	Delivery	The Bus should be delivered to <b>Mahakali Municipality, Office of Municipal Executive, Khalanga, Darchula, Sudurpaschim Province</b>	


Note: The major items are indicated by bold and highlighted letters / 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**  
 Nava Raj Bhatt  
 Mechanical Engineer  
 NEC Regd. No. 1066 Mechanical, A Category

The technical specification is prepared on the basis of catalogs and brochures of Mahindra T32 Camfio, Tata LP 712, Eicher 10.75 Starline, and Ashok Layland MiTR.

  
 Engineer

