



## Technical Specification

Ambulance (Category-B)

Office: स्वास्थ्य आपूर्ति व्यवस्थापन केन्द्र मुकाम बुटवल, रुपन्देही लुम्बिनी प्रदेश नेपाल.

Ref. letter no. pa. San. 080/081, Cha. No. 99, Date 2080/05/27 Bs.

S. No.	Criteria	Required Specification	Offered Specification
1.	General	Ambulance Category B, Box design, 4WD, Right Hand Drive model suitable for driving in Nepal. Weight of the Vehicle shall not be less than 2500 kgs. The Vehicle shall be comfortable space for medical equipments (As per Accessories list & Specifications), handling staffs, Driver, Co-Driver, Patient & Care Taker person. Vehicle shall be latest model.	Make: Model: Gross Weight: Mfg. Year: Country of Origin:
2.	Engine	Diesel Engine, Displacement Capacity not less than <b>2200 CC</b> , Max. Power output shall not be less than <b>45 KW</b> . & Max Torque Shall not be less than <b>190 Nm</b> @ governed RPM. Engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions.	Make: Model: Displacement (cc): KW: Torque:
3.	Emission Standard	The Emission Standard of the vehicle should comply with the latest "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.	
5.	Transmission	Manual shift at least 5 Forward and One Reverse or Automatic Transmission system.	
6.	Dimensions	<b>Ground Clearance: Minimum 180 mm</b>	
7.	Suspension	Leaf springs / coil springs / torsion bar / shock absorbers at front and rear.	
8.	Fuel Tank	<b>Minimum 55 Liter</b>	
9.	Steering	<b>Power Steering</b>	
10.	Brakes	Front ventilated Disc type, rear disc / drum type, hydraulic operated on all wheels, and parking brake, dual circuit preferred.	
11.	Front Cab	Comfortable and adjustable seats for driver and co-passenger. Seat belt for driver and co-driver	
12.	Patient Cab	At Least 1 back bi-fold door, all metallic cab with insulated roof, laminated glass windscreen, front washer and wipers, glass windows on doors, thorough ventilation, comfortable and adjustable seats for co-passenger. Sun visor, rear view mirror and two side view mirrors. All interior structure reinforced with treatment anti-corrosion.	
13.	Essential	Must have Advance Life support medical equipment as Per <b>Category</b>	

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Mechanical Engineer

  
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


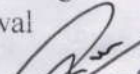
	Equipments	<b>B</b> Ambulance defined as MoHP Guideline.	
14.	<b>Tools</b>	A set of tools as required for general maintenance shall be supplied.	
15.	<b>Instructions</b>	All signs and instructions in the vehicle shall be in English	
16.	<b>Essential Accessories</b>	A. Head light, tail and rear light, reversing light, and turn signals. B. Cabin Lights C. Speedometer / Odometer. D. One Spare wheel. E. Suitable jack and handle. F. Radio AM/FM G. Equipped with 5 seats H. Wheel chair and foldable stretcher I. Siren J. Flashing Light on top (As Per Nepal Standard) K. Oxygen Cylinder holder. L. Anti - Skid floor. M. First aid safety system manual Suction set Delivery sets splints. With <b>Category- B , Ambulance</b> type Medical instrument and equipment.	
17.	<b>Manuals</b>	One Copy of the Operator's and Owner's instructions and maintenance manual in English shall be supplied with the vehicle.	
18.	<b>Color</b>	Standard (Ambulance)	
19.	<b>Proven Performance</b>	The vehicle offered shall be under standard production by the manufacturer for at least one year.	
20.	<b>Warranty</b>	Manufacturer shall provide a minimum of One-year warranty after acceptance.	
21.	<b>Delivery</b>	The Ambulance with all accessories shall be delivered to: <b>स्वास्थ्य आपूर्ति व्यवस्थापन केन्द्र मुकाम बुटवल, रुपन्देही लुम्बिनी प्रदेश नेपाल</b>	
22.	<b>Basic Life Support Equipments</b>	The Ambulance must contain all basic life support equipments ( <b>Category- B Ambulance</b> ) as prescribed by Ambulance Service Guideline 2078 (Health Ministry of Nepal).	


**Note:** The major items indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance of those major items will result in non-responsiveness of the bid offered.

Bidder's signature... ..Date.....

**Prepared by:**

Gupta Bdr Pun  
Sr.Opr (Mechanical)  
HED-Butwal  
Signature:- 

**Nabin Ghimire**  
Mechanical Engineer  
HED-Butwal  
Signature 

  
 Ministry of Physical Infrastructure and Transport  
 Government of Nepal  
 Department of Roads  
 Equipment Division  
 Butwal

**Mechanical Engineer**

  
**निमित्त निर्देशक**