

Technical Specification of Agricultural Ambulance (Pickup)

(Quantity: 1 Unit)

S.No.	CRITERIA	OFFICE REQUIREMENT	OFFERED SPECIFICATION	REMARKS
1	General	Single Cab Pick-up, Two Door Right Hand Drive model suitable for driving in Nepal at an altitude up to 2000 meter and in ambient temperature -5 to 50 degree centigrade. Gross Vehicle Weight of the vehicle shall not be less than 2250 kg. Payload not less than 1000 kg and shall have seating capacity for at least 2 persons including driver.	Make: Model: Country of Origin:	
2	Engine	Petrol/diesel engine not less than (1200 CC \pm 1 CC), developing Maximum rated power output not less than 65 HP at governed RPM with torque min. 140 NM @ 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 Management, Nepal		
4	Gauges	To include Speedometer, Tachometer, Odometer, water temperature, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance, etc.		
5	Clutch	Single Plate Dry Friction type		
6	Transmission	Manual shift at least 5 forward and one reverse, Synchronesh on all gears		
7	Wheelbase	At least 2250mm		
8	Ground Clearance	High Ground clearance preferred. Minimum 175 mm.		
9	Suspension	Leaf springs/ coil springs/ torsion bar/ shock absorbers at front and rear.		



10	Tires	Standard Size	
11	Steering	Power Steering	
12	Brakes	Front ventilated Disc type, rear disc/ drum type, hydraulic operated on all wheels, and parking brake.	
13	Turning Radius	Maximum 5.9 m	
14	Fuel Tank Capacity	Minimum 35 Liters	
15	Cab	2 side doors, all metallic cab with insulated roof, laminated glass windscreen, front washer and wipers, glass windows on doors, comfortable seats for driver and co-passenger. Two sun visors, rear view mirror and two side view mirrors.	
16	Chasis and Frame	Steel, heavy duty suitable for rough road conditions with toe-hook	
17	Essential Accessories	<ol style="list-style-type: none"> 1. Head light, tail and rear light, reversing light, and turn signals. 2. Cabin lights 3. Speedometer / odometer 4. One Spare wheel with tyre and tube. 5. Jack and handle 6. Seat belt for driver and co-driver. 	
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 manual in English shall be supplied with the vehicle.	
20	Tools	A set of tools as required for general maintenance shall be supplied.	
21	Color	Standard Color	
22	Proven Performance	The vehicle offered shall be under standard production by the manufacturer for at least one year with performance and Fuel consumption curve.	
23	Warranty	Manufacturer shall provide a minimum of One year warranty after acceptance.	
24	Delivery	The supplier shall deliver 1 unit of Agricultural Ambulance (Pickup) to Shambhunath, Municipality, Saptari.	



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 compliance of these major items will result in non-responsiveness of the bid offered.

Estimated Cost per unit Vehicle including VAT (in NRs.) = 19,70,000

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