

Er. NEERAJ ADHIKARI

(B.E. Mechanical)

Nepal Engineering Council

Reg. No. "1827" Mechanical "A"



Date: 2075/06/12

To
The Executive officer
Bardagoriya Rural Municipality Office

Ref. Submission of Technical Specification for Jeep (Ambulance)

Sir,

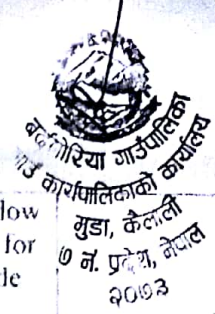
With reference to your letter Ref.dated 2075/06/14 to prepare the technical specification of the Ambulance required for municipality office we found the Ambulance vehicle with specification as follows shall be appropriate and deemed useful for the municipality office.

You are requested to take further necessary action for this.

**Technical specification (Ambulance)
Hard Top Jeep (2000 cc +/- 5%)**

S.No.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Hard Top Jeep, Right Hand drive model suitable for driving in Nepal. Gross vehicle weight of the vehicle should not be less than 2500 kgs and should have seating capacity for at least driver, passenger and patient.	
2	Engine	Diesel Engine, developing Maximum rated power output not less than 50 KW at governed RPM and Maximum torque not less than 110 NM at governed RPM, Engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions.	
3	Emission standard	The emission standard of vehicle should be as per Nepal vehicle mass emission standard	
4	Gauges	To include water temperature, fuel, oil pressure, transmission gauge etc., ass necessary for efficient operation and maintenance.	
5	Clutch	Single dry plate	
6	Transmission	Manual shift at least 5 forward and one reverse, floor mounted engaged through control at driver seat	
7	Ground clearance	High ground clearance preferred Mm ^m . 180 mm	
8	Suspension	Leap spring / Coil springs / torsion bar / shock absorbers at front and rear.	
9	Tyre	Standard size	
10	Steering	Power Steering or manual.	
11	Brakes	Front ventilated Disc type, rear disc / drum type, hydraulic operated on all wheels and parking brake, dual circuit preferred.	
12	Cab	4 side doors and 1 back door, all metallic cab with insulated roof,	

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13	Chassis and frame	laminated glass windscreen, front washer and wiper, glass window on doors, through ventilation, comfortable and adjustable seats for driver and co-passenger, sun visor, rear view mirror and two side view mirror Heavy duty with toe- hook in front and rear preferred	
14	Essential accessories	<ol style="list-style-type: none"> 1. Head light, tail lamps, rear light, reversing light and turn signal 2. Cabin light 3. Speedometer, Odometer 4. 1 spare wheel with tyre and tube 5. Jack - Hydraulic or mechanical or other with handle 6. Seat belts for drive and co-driver 7. CD / MP3 Player / Radio AM/FM 8. Stretcher 9. Siren 10. Oxygen cylinder holder 11. Saline bottle holder 12. Anti - Skid floor 13. Equipped with all accessories offered in the standard specification model but not limited to the above items. 	
15	Instruction	All signs and instruction in the vehicle should be in English.	
16	Manuals	One copy of the operators and owner's instruction and maintenance manual in English should be supplied with the vehicle.	
17	Tools	A set of tools for general maintenance should be supplied.	
18	Color	Standard Colour	
19	Proven Performance	The vehicle offered should be under standard production by manufacturer for at least one year	
20	warranty	Manufacturer should provide a minimum one year warranty after acceptance.	
21	Delivery	The Hard Top Jeeps should be delivered to: Bardagoriya Rural Municipality Office	

Price (Including clearing & forwarding charge, custom duty, insurance and transportation charge etc.	Not more than NRs. 1075000.00
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