

## Technical Specifications

Vehicle Type : Ambulance, 4WD(Hard Top)

Quantity: One Unit

S.No.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	<b>Ambulance(Hard Top Jeep), Right Hand Drive model with Four Wheel Drive</b> , suitable for driving in Nepal. Gross Vehicle Weight of the Vehicle shall not be less than 2300 Kgs and shall have seating capacity for at least driver, co-passenger and patient.	Make: Model: Country of Origin: Mfgd. Year:
2	Engine .	<b>4 Stroke, Water cooled diesel Engine, developing maximum rated power output not less than 45 KW and maximum torque not less than 110 N-m at governed RPM.</b> The Engine fully equipped with all necessary items/accessories and controlling devices for efficient full load operation of the vehicle at all operating conditions.	Make: Model:
3	Emission Standard	The emission standard of the offered vehicle must be in compliance with or superior than the applicable <b>Emission Standard as prescribed by Nepal Vehicle Mass Emission Standard which is to be certified by Department of Transport Management Nepal.</b>	
4	Gauges	To include water temperature, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance.	
5	Clutch	Single Dry Plate.	
6	Transmission	Manual shift, <b>at least five forward and one reverse</b> , floor mounted engaged through control at driver seat.	
7	Ground Clearance	Minimum Ground Clearance: <b>Not less than 160 mm.</b>	
8	Suspension	Leaf springs/coil springs/torsion bar/shock absorbers, at front and rear.	
9	Tyres	Standard Size	
10	Steering	<b>Power Steering</b>	
11	Brakes	Front: <b>Disc</b> type Rear: <b>Disc/Drum</b> type Hydraulic operated on all wheels and <b>Parking brake.</b>	
12	Cab	2 side doors and 1 back door, all metallic cab with insulated roof, right hand drive, laminated glass windscreen, front washer and wipers, glass windows on doors, through ventilation, comfortable and adjustable seats for driver and co-passenger, floor mats, two sun visors, and two side view mirrors and rear view mirror.	
13	Chassis and Frame	Steel, heavy duty with toe hook at front and rear preferred.	

*Recd*

14	Essential Accessories	<ol style="list-style-type: none"> <li>1. Head light, tail and rear light, reversing light and turn signals.</li> <li>2. Cabin Lights.</li> <li>3. Speedometer / Odometer.</li> <li>4. One Set Spare wheel with tyre-tube.</li> <li>5. Suitable jack with handle</li> <li>6. Front seat belt for driver and Co-passenger.</li> <li>7. Flash light on top(As per Nepal Standard).</li> <li>8. Anti-Skid floor.</li> <li>9. Stretcher.</li> <li>10. Siren.</li> <li>11 Oxygen cylinder and saline bottle holders.</li> </ol> <p>To be equipped with all accessories offered in standard model but not limited to the above items.</p>	
15	Instructions	All signs and instructions in the vehicle shall be in English.	
16	Manuals	One copy of the Operator's and Owner's Instructions and maintenance manual in English shall be supplied with the vehicle.	
17	Tools	A set of tools, with a tool bag, as required for general maintenance shall be supplied with the vehicle.	
18	Color	Standard Color	
19	Proven performance	The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine.	
20	Warranty	Manufacturer shall provide a <b>minimum of one year warranty after acceptance.</b>	
21	Basic Life Support Equipments	<b>The ambulance must contain all basic life support Emergency Equipments (Type B Ambulance) as prescribed by Ambulance Service Guideline 2078 (Health Ministry of Nepal).</b>	
22	Delivery	The Ambulance (Hard Top Jeep), RHD, 4WD, One unit, shall be delivered to: <b>M/s Pathivara Yangwarak Rural Municipality, Thechambu, Taplejung.</b>	

Note: The major items are indicated by bold and highlighted letters/alphabet/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 :

Name : Yam Bahadur Rai

Designation : Mechanical Engineer

Office : Yantrik Karyalaya, Phidim, Panchthar.


## Estimation of Cost

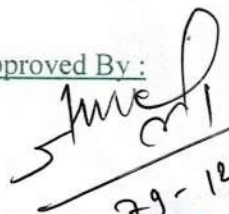
Name of Work : Supply and Delivery of the Ambulance (Hard Top Jeep), 4WD for Pathivara Yangwarak Rural Municipality, Thechambu, Taplejung.

S.N.	Description of work	Unit	Quantity	Rate		Amount		Remarks
				US \$	NRs	US\$	NRs	
1	Hard Top Ambulance, 4WD, RHD Maximum rated power not less than 45 Kw and maximum torque not less than 110 NM The Ambulance must contain all basic life support emergency equipments (Type B Ambulance) as prescribed by Ambulance Service Guideline 2078 (Health Ministry of Nepal)	Unit	1		2,200,000.00		2,200,000.00	
2	VAT						N/A	
3	Total Amount (NRs.)						2,200,000.00	

In Words : Two million and two hundred thousands only.

Note : Above rate includes necessary custom charges, all clear and forwarding charges, draft charges, and delivery up to Pathivara Yangwarak Rural Municipality, Thechambu, Taplejung based on past procurement experience and market study.

Prepared By :   
Name : Yam Bahadur Rai,  
Designation : Mechanical Engineer,  
Office : Yantrik Karyalaya,  
Phidim, Panchthar.

Checked and Approved By :   
Name :  
Designation :  
Office :

2079-12-12  
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