

## Technical Specifications:

### Sport Utility Vehicle, RHD (4X4) 1Units

S.N	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Five door, Hard Top, Right Hand Drive model with four wheel/All Wheel drive, suitable for driving in Nepal at an altitude upto 3000 meter and in ambient temperature between -10 to 50 deg. Centigrade. Gross Vehicle Weight of the vehicle shall not be less than <b>2500 KG</b> and shall have seating capacity for at least <b>9 passengers</b> Including driver .	Make: Model: Country of Origin:
2	Engine	Water cooled diesel Engine, developing <b>Maximum rated Power output not less than 45 KW</b> and <b>maximum torque should not be less than 190Nm at governed RPM</b> ,Cubic capacity not less than <b>2500 cc</b> .(engine fully equipped with accessories) for efficient full load operation of jeep at operating conditions, shall be equipped with cold starting device, direct electric starting system, heavy duty fuel filter.	Make: Model:
3	Gauges	To include ammeter, water temperature, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance .	
4	Emission Standard	The emission standard of the offered vehicle must be in compliance with or superior than the applicable <b>Standard as prescribed by Nepal Vehicle Mass Emission Standard which is to be certified by Department of Transport Management.</b>	
5	Transmission	Manual shift at least five forward and one reverse, all forward synchromesh .	
6	Ground clearance	High ground clearance preferred, <b>minimum 190 mm.</b>	
7	Suspension	Coil springs, torsion (stabilizer) bar. Shock absorbers at leaf spring front and rear.	
8	Wheel/Tires	Standard size .	
9	Steering	<b>Power assisted/Power Steering</b>	
10	Brakes	<b>Front: disc type</b> <b>Rear : disc/Drum type</b> Hydraulic operated on all wheels, and parking brake .	
11	Cab	4 side doors and 1 back swing door, all metallic cab with insulated roof, right hand drive, laminated/tinted glass windscreen, front windscreen washers 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.	
12	Chassis and frame	Steel, heavy duty, with toe-hooks in front and rear.	

13	Essential Accessories	1. Head light, tail and rear light, reversing light and turn signals 2. Cabin lights, Fog lamps, ash tray 3. Speedometer / odometer 4. Spare wheel with tyre and tube 6. Suitable jack with hand 7. Floor Mats, Door visors 8. ORVM To be equipped with all accessories offered in standard model but not limited to the above items.	
14	Instructions	All signs and instructions in the vehicle shall be in English.	
15	Manuals	Following manuals in English shall be supplied: <ul style="list-style-type: none"> <li>One copy of the Operator's and Owner's Instructions and Maintenance manual; with each vehicle</li> <li>One copy of Spare Parts Catalogue</li> <li>One Copy Comprehensive workshop Manual</li> </ul>	
16	Tools	A set of tools as required for general maintenance shall be supplied.	
17	Color	Standard colour.	
18	Proven performance	1. The machine offered shall be a current model under standard production by the manufacturer for <b>at least one year</b> . 2. The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine and production capacity of the unit.	
19	Warranty	Manufacturer shall provide a <b>minimum of one year warranty after acceptance</b> .	
20	Initial Service	Initial full servicing and maintenance from any service station within Nepal shall be provided on free of cost for warranty period.	
21	Delivery	The Utility Vehicle one units shall be delivered to: 'Kerabari Rural municipality Province No.1, Biratnagar	
22	Cost	Not Exceed than 40,50,000.00 (include Vat)	

**Note:**

- a) The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications.

**Bidder's Signature..... Date.....**



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