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तथा यथा प्रतिरोध भार 12 विश्लेषण पर गणना की गई की तरह सत्य भी देखिए।
# Technical Specification

**Owner:** District Administration Office, Okhaldhunga

**Hardtop Jeep**

**Office Requirements**

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### Hard Top Jeep, Right Hand Drive model with four wheel drive, suitable for driving in rough and hilly road condition of Nepal at an altitude up to 2000 meter and in ambient temperature between minus 5 to 50 degree Celsius. The gross vehicle weight of the vehicle shall not be less than 2500 kg and shall have seating capacity for at least 7 persons including driver.

### Engine

Water cooled four stroke diesel engine with a displacement of the engine between 2000 – 2200cc. The maximum power and torque output shall not be less than 120 HP and 280 Nm at governed RPM. The engine shall be fully equipped with accessories for efficient fuel load operation of jeep at operating condition.

### Emission Standard

The Emission Standard of the offered vehicle must be in compliance with or superior than the applicable Standard as prescribed by "Nepal Vehicle Mass Emission Standard 2069" which is to be certified by Department of Transport Management, Nepal.

### Gauges

To include gauges and meters for necessary and efficient operation and maintenance of the vehicle.

### Clutch

Dry, Single plate

### Transmission

Manual shift at least five forward and one reverse, all forward synchronmesh; 4WD engaged through control at driver seat.

### Tires

Standard size

### Dimension

Wheelbase: Minimum 2600 mm  
Gross Vehicle Weight: Around 2500 kgs  
Ground Clearance: At least 180 mm

### Suspension & Brakes

- **Suspension:** Front Independent Torsion Bar / Double Wishbone, Rear: Coil spring suspension
- **Brakes:** Front: Disc type, Rear: Disc / Drum Type
- Hydraulic operated brakes on all wheels  
Parking brake: dual circuit parking brake preferred.

### Steering

Power Steering

### Turning Radius

Not more than 6 meters.

### Fuel Tank Capacity

Minimum 60 Ltrs.

### Cab

4 side door and 1 back door, all metallic cab with insulated roof, laminated/tinted glass wind screen, washers and wipers, comfortable and adjustable seats for driver and co-driver, two sun visors, a rear view mirror and two side view mirror.

### Chassis & Frame

Steel, heavy duty, with toe-hooks in front and rear.
### Essential Accessories

- Head lights, tail and rear lights, reversing lights and turn signals
- Cabin lights
- Odometer / Speedometer
- 1 spare wheel with tyre and tube
- Suitable hydraulic jack with handle
- Seat belts for driver and co-driver
- Anti-lock Braking System
- Dual front air bag safety system
- Central Door Locking System
- Power windows (front & rear)
- Heating, Ventilation & AC

Equipped with all accessories offered in standard model but not limited to the above items.

### Instructions

All signs and instructions in the vehicle shall be in English.

### Manual

One copy of the operator's and owner's instruction and maintenance manual in English.

### Tools

A set of tools for general maintenance shall be supplied.

### Colour

Standard

### Proven Performance

1. The machine offered shall be a current model under standard production by the manufacturer for at least one year.
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.

### Warranty

Manufacturer shall provide a minimum of one year warranty after acceptance.

### Initial Service

The supplier shall provide with the vehicle all the necessary filters and spare parts required for the first services, after the vehicle has been commissioned and accepted.

### The Jeep 3 unit should be delivered to:

District Administration Office
OMAIDhunga

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**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 of the bid offered.

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**Prepared By:**

**Name:** Er. Sandeep Agarwal

**NCC Regd. No.:** 656 "Mechanical"

**Signature and Date:**

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**Bidder’s Signature:**

**Date:**

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**2023/11/22**