


Technical Specification

OWNER: ITAHARI SUB-METROPOLITAN CITY, ITAHARI (SUNSARI)
HARDTOP JEEP 4WD

Unit 1

| S. N. | Criteria | Office Requirements | OFFERED SPECIFICATION |
|-------|----------------------|---|---------------------------------------|
| 1. | General | 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 upto 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 2600 kg and shall have seating capacity for at least 7 persons including driver . | Make: Model: Country of Origin: |
| 2. | 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 not less than 120 HP and 280 Nm at governed RPM . The engine shall be fully equipped with accessories for efficient full load operation of jeep at operating condition. | Make: Model: |
| 3. | 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. | |
| 4. | Gauges | To include gauges and meters for necessary and efficient operation and maintenance of the vehicle | |
| 5. | Clutch | Dry, Single plate | |
| 6. | Transmission | Manual shift at least five forward and one reverse, all forward synchromesh; 4WD engaged through control at driver seat. | |
| 7. | Tires | Standard size | |
| 8. | Dimension and Weight | Wheelbase: Minimum 2600 mm Gross Vehicle Weight : Around 2500 kgs Ground Clearance: At Least 180 mm | |
| 9. | Suspension & Brakes | <u>Suspension</u> Front- Independent Torsion Bar /Double Wishbone Rear- Coil spring suspension <u>Brakes</u> :- Front: Disc type Rear: Disc / Drum type Hydraulic operated brakes on all wheels Parking Brake : dual circuit parking brake preferred. | |
| 10. | Steering | Power Steering | |
| 11. | Turning Radius | Not more than 6 meters. | |
| 12. | Fuel Tank Capacity | Minimum 60 Ltrs. | |
| 13. | 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. | |
| 14. | Chassis & Frame | Steel, heavy duty, with toe-hooks in front and rear. | |


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| 15. | Essential Accessories | <p>The vehicle should be equipped with:</p> <ul style="list-style-type: none"> • 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 • Mud guards • Seat belts for driver and co-driver • Antilock Braking System • Dual front air bag safety system • Central Door Locking System • Power windows (front & rear) • Heating, Ventilation & AC • Audio System: AM/FM with CD/DVD/MP3/USB Player. <p>Equipped with all accessories offered in standard model but not limited to the above items.</p> |  <p>Ministry of Agriculture and Animal Husbandry Nepal Department of Irrigation Jhapa, Parsa</p> <p>अ सिनिजन प्रमुख</p> |
| 16. | Instructions | All signs and instructions in the vehicle shall be in English . | |
| 17. | Manual | One copy of the operators and owner's instruction and maintenance manual in English . | |
| 18. | Tools | A set of tools for general maintenance shall be supplied. | |
| 19. | Colour | Standard | |
| 20. | Proven Performance | <ol style="list-style-type: none"> 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. | |
| 21. | Warranty | Manufacturer shall provide a minimum of one year warranty after acceptance . | |
| 22. | 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. | |
| 23. | Delivery | <p>The vehicle should be delivered to:</p> <p>ITAHARI SUB-METROPOLITAN CITY Office of the municipal Executive ITAHARI (SUNSARI) Province No. 1, Nepal</p> | |

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.

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

Prepared By:

Er Sandeep Agrawal

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Date and Signature -

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