



Technical Specification of 4WD Pick Up (WITH AIRBAG)

S.N.	Criteria	Requirement	Offered Specification
1	General	Double Cab Pick Up, Right Hand Drive model with four wheel drive suitable for driving in Nepal at an altitude upto 2000 meter and in ambient temperature -5 to 50 degree centigrade. Gross Vehicle Weight of the Vehicle shall not be less than 3100 kg. Wheelbase should be min.3100mm and shall have seating capacity for at least 5 Persons including driver.	Make model -2018
2	Engine	Turbocharged intercooled diesel Engine, developing Maximum rated power output not less than 140BHP at governed RPM with torque min. 320Nm@ governed RPM , engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions, cold starting device, heavy duty fuel filter.	
3	Emission Standard	The Emission Standard of the vehicle should be "Vehicle Mass Emission Standard" of Nepal Which is to be certified by Department of Transport Mangement , Nepal	
4	Gauges	To include water temperature , fuel, oil pressure etc. as necessary for efficient operation and maintenance, signal for 4 WD.etc	
5	Clutch	Single Plate Dry friction Diaphragm type	
6	Transmission	Manual shift at least Six forward and one reverse, Synchronesh on all gears.	
7	Ground clearance	High Ground clearance preferred. Minimum 200 mm.	
8	Suspension	Leaf springs / coil springs / torsion bar / shock absorbers at front and rear.	
9	Tires	Standard Size	
10	Steering	Power Steering	
11	Brakes	Front ventilated Disc type, rear disc / drum type, hydraulic operated on all wheels, and parking brake.	

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12	Cab	4 side doors , all metallic cab with insulated roof, laminated glass windscreen, front and rear washer and wipers, glass windows on doors, through ventilation, comfortable seats for driver and co- passenger. Floor mats, two sun visors, rear view mirror and two side view mirrors.	
13	Chassis and frame	Steel, heavy duty suitable for rough road conditions with toe-hook	
14	Essential accessories	1. Head light, tail and rear light, reversing light, and turn signals. 2. Cabin lights, ash tray 3. Speedometer / Odometer. 4. Heavy duty front bumper 5. One Spare wheel with tyre and tube. 6. jack and handle. 7. Alloy Wheels . 8. Fully Automatic Temperature Control. 9. Front Seat belt for driver and Co-Passenger 10. Power windows (Front & Rear) 11. Remote Key less entry system. 12. Front dual Airbags system. 13. Touch screen infotainment system (Manufacturer Fitted)	
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 as required for general maintenance shall be supplied.	
18	Colour	Standard color	
19	Proven Performance	The vehicle offered shall be under standard production by the manufacturer for at least one year with performance and Fuel consumption curve.	
20	Warranty	Manufacturer shall provide a minimum of One-year warranty after acceptance.	
21	Fuel tank capacity	Not less then 75 Ltrs	
22	Delivery	Double cab pick-up, shall be delivered to: Office of the Municipal Executive khadak.	

Bidder's Signature.....

Date.....

निरज कुमार देव
निरज देव, प्रशासक, अधिष्ठाता

मैकानिकल इन्जिनियर



Technical Specification (160cc Motorcycle)

S.N.	Criteria	Requirement	Offered Specification
1	General	Motorcycle of sturdy design, suitable for driving on rough road condition	
2	Engine	Single Cylinder Four Stroke, Air Cooled petrol engine, 160± 1%cc developing Maximum net power not less than 13.82BHP at governed rpm and maximum torque output not less than 13.92 nm at governed rpm	
3	Transmission	At least 5 speed	
4	Brake	Front :Disc ,Rear: Drum	
5	Ground Clearance	Min150mm	
6	Kerb Weight	Min 134 Kg	
7	Fuel Tank Capacity	Minimum 12 Litres	
8	Suspension	Front:Telescopic,Rear: Spring Loaded Hydraulic Type	
9	Essential Accessories	1.Head Light, rear and turn signal lights 2. Two rear view mirror 3.Safety lock for handle	
10	Instructions	All signs and instructions in the equipment shall be in English	
11	Manuals	One Copy of the operator's and Owner's Instructions and maintenance in English shall be supplied with each equipment.	
12	Tools	A set of tools as required for general maintenance shall be supplied with in a lockable tool box for each unit	
13	Proven Performance	1.The Motorcycle offered shall be a current model under standard production by the manufacturer for at least one year	
14	Warranty	Manufacturer shall Provide a minimum one (1) year warranty after delivery	
15	Emission Standard	The Emission Standard of the vehicle should be capable of meeting applicable "Nepal Mass Emission Standard 2069".Euro VI preferred	
16	Delivery	Motorcycle shall be delivered to: Office of the Municipal Executive khadak.	

The major items indicated by Bold and Highlighted letters/alphabets/figures in the technical specification. Non Compliance of these major items will result in non-responsiveness of the bid.

गिरजा कुमार देव
निमित्त प्रमुख प्रशासकीय अधिकारी

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