

Technical Specifications



Mortuary Van

Quantity: 1 Unit

S.No	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	Mortuary Van, 4WD, Right Hand Drive model suitable for driving in Nepal at an altitude upto 2500 meter and in ambient temperature -5 to 50 degree centigrade. Gross Vehicle Weight of the Vehicle shall not be less than 2500 kgs and shall have seating capacity for atleast First row - 1+1, 1 Stretcher and Attendant seat	Make : Model: Year of Mfg.: Country of Origin:
2	Engine	4 Stroke Diesel Engine developing Maximum rated power output not less than 45 kw at governed RPM and Maximum torque not less than 190 NM at governed RPM, engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions.	Make: Model:
3	Emission Standard	The Emission Standard of the vehicle should comply with the latest "Vehicle Mass Emission Standard" of Nepal Which is to be certified by Department of Transport Management , Nepal	
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 at least 5 forward and one reverse, floor mounted engaged through control at driver seat.	
7	Ground clearance	High Ground clearance preferred. Minimum 165 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, dual circuit preferred.	
12	Cab	2 side doors and 1 back door, all metallic cab with insulated roof, laminated glass windscreen, front washer and wipers, glass windows on doors, through ventilation, comfortable and adjustable seats for driver and co-passenger. Sun visor, rear view mirror and two side view mirror.	
13	Chassis and frame	Heavy duty with toe-hook in front and rear preferred.	

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Chief Administrative Officer

14	Essential accessories	1. Head light, tail and rear light, reversing light, and turn signals. 2. Cabin lights 3. Speedometer / Odometer. 4. One Spare wheel with tyre and tube. 5. Suitable jack and handle. 6. Seat belt for driver and co-driver . 7. CD / MP 3 Player/Radio AM/FM 8. Front Seat Belt for driver and co-passenger 9. Stretcher 10. Siren 11. Flashing Light on top (As per Nepal Standard) 12. Anti - Skid floor. Equipped with all accessories offered in the standard model but not limited to the above items.	
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, Office name should be written on Mortuary Van.	
19	Proven Performance	The vehicle offered shall be under standard production by the manufacturer for at least one year.	
20	Warranty	Manufacturer shall provide a minimum of One-year warranty after acceptance.	
21	Delivery	The Mortuary Van shall be delivered to: Thori Rural Municipality, Office of Municipal Executive, Parsa, Province no. 2, Nepal	

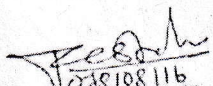
Note:

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 offer.

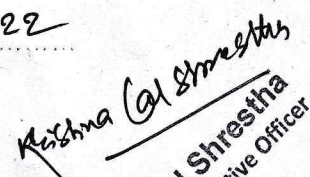
Bidder's Signature.....

Date... 15-02-2022

Prepared BY:


 Ritesh Kumar Shah
 Mechanical Engineer
 NEC No. 502A
 NEC No.: 502 A

Approved By:


Krishnalal Shrestha
 Chief Administrative Officer

Note: Technical Specification is prepared on the basis of data provided in catalog of Mahindra Bolero, TATA Yodha Mortuary Van and others.

Technical Specifications




Double Cab 4WD Pickup

Quantity: 1 Unit

S.N.	Criteria	Requirement	Offered Specification
1.	General	RHD, 4WD Double cab Pickup Suitable for operation under rough & hilly road conditions and adverse climatic condition at operating altitude of 2000 meters and ambient temperature varying between -5° to 50° Celsius. Gross Vehicle weight shall not be less than 2700 kg and shall have seating capacity for at least 5 Persons including driver.	Make : Model: Year of Mfg.: Country of Origin:
2.	Engine	Water cooled diesel Engine, having engine volume not less than 2000 cc and developing rated Power Output not less than 60PS and Torque not less than 190 NM at governed RPM, engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions, cold starting device, direct electric starting system, heavy duty fuel filter.	Make: Model:
3.	Emission Standard	The emission standard of the vehicle should be of Nepal Vehicle Mass Emission Standards-2069, which is to be certified by Department of Transport Management, Nepal.	
4.	Gauges	To include ammeter, water temperature, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance, 4 WD & door lock signals etc.	
5.	Clutch	Double Plate, Dry friction	
6.	Transmission	Manual shift, at least Five Forward and one reverse, all forward synchromesh, floor mounted, 4WD engaged through control at driver.	
7.	Ground Clearance	High ground clearance will be preferred, at full load ground clearance shall not be less than 170 mm	
8.	Suspension	Front: Independent/Double wishbone with torsion bar coil spring and stabilizer/ Rigid axel with leaf spring. Rear: Leaf Spring or shock absorbers.	
9.	Tyres	Standard (Radial Tubeless)	
10.	Steering	Hydraulic operated Power Steering	
11.	Brakes	Front ventilated disc type, rear disc / drum type, hydraulic operated on all wheels, and parking brake, dual circuit preferred.	
12.	Cab	5 doors all metallic cab with insulated roof, laminated glass windscreen, Wipers, Glass windows on doors, Comfortable & adjustable seats for driver & passengers, two sun visors, Rear body to be metallic	
13.	Chasis and Frame	Steel heavy duty suitable for rough road conditions with toe hook in front & rear.	
14.	Essential Accessories	1. Head light, tail & rear light, turn signals, Cabin lights	

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Krishna Lal Shrestha
Krishnalal Shrestha
Chief Administrative Officer


		2. Speedometer/Odometer 3. Heavy duty front bumper 4. 1 Spare wheel with tyre& tube 5. Standard Jack with handle 6. Front seat belt for driver & co-passenger 7. Audio System 8. Rubber Mats To be equipped with all accessories offered in standard model but not limited to the above items.	 Thori Rural Municipality Office of the Rural Municipality Ghyangdanda, Parsa Madhesh Pradesh, Nepal 2074
15.	Instructions	All signs and instructions in the vehicle shall be in English	
17.	Manuals	One copy of the Operator's and Owner's Instructions in English shall be supplied with each vehicle.	
18.	Tools	A set of tools as required for general maintenance shall be supplied in a lockable tool box.	
19.	Color	Standard	
20.	Proven Performance	1. The vehicle 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 and production capacity of the unit.	
21.	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance of vehicle.	
22.	Delivery	The Pickup, RHD (4x4) 1 unit shall be delivered to: Thori Rural Municipality, Office of Municipal Executive, Parsa, Province no. 2, Nepal	

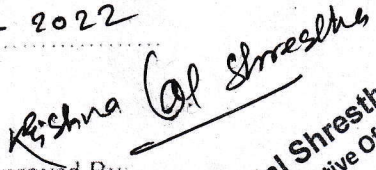
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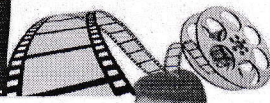
Bidder's Signature.....

Date 15-02-2022

Prepared BY:

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 NEC No.: 502 A Mechanical

Approved By:

Krishnalal Shrestha
 Chief Administrative Officer

Technical Specification is prepared on the basis of data provided in catalog of Mahindra Bolero, TATA yodha Double cab pickup and others.



क्र.सं.	सवारी साधनको नाम	संक्षिप्त विवरण	सङ्ख्या	कैफियत
१	Mortuary van	Mortuary van, 4WD, Right hand drive model suitable for driving in Nepal at an altitude up to 2500 meter and in ambient temperature -5 to 50 degree centigrade. Gross vehicle weight of the vehicle shall not be less than 2500 kgs and shall have seating capacity for atleast first row 1+1, 1 stretcher and attendant seat	१ (एक)	संक्षिप्त विवरणमा उल्लेख नभएका कुराहरू Technical Specification यमसिंहम हुनेछ ।
२	Pickup	Double Cab Pickup 4WD RHD, 4WD Double cab pickup for operation under rough and hilly road conditions and adverse climate condition at operating altitude of 2000 meters and ambient temperature varying between -5 degree Celsius to 50 degree Celsius . gross vehicles Weight shall not be less than 2700 kg and shall have seating capacity for at least 5 persons including driver	१ (एक)	संक्षिप्त विवरणमा उल्लेख नभएका कुराहरू Technical Specification यमसिंहम हुनेछ ।