

### Technical Specification:

For Sport Utility Vehicle (SUV)

Quantity: 1 (One)

S.N.	Criteria	Office Requirement	Offered Specification
1.	General	<b>Right Hand Four Wheel Drive Hard Top SUV</b> suitable for hilly rough road in Nepal. Gross Vehicle Weight shall not be less than 2200 kg and shall have seating capacity for at least 5 passengers including driver.	Make: Model: Country of Origin:
2.	Engine	<b>4-stroke diesel engine developing minimum 110 BHP and Torque 240Nm at governed RPM</b> , shall fully equipped with accessories for efficient full load operation of SUV at operating conditions.	
3.	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>	
4.	Gauges	To include Speedometer, odometer, temperature, fuel gauges etc. as necessary for efficient operation and maintenance, signal for 4WD and door locks, etc.	
5.	Clutch	Dry type.	
6.	Transmission	<b>Manual Shift at least five forward and one reverse</b> , all forward synchromesh or automatic drive suitable for comfort and safe driving. The 4WD should engage through control at driver seat.	
7.	Suspension	Double wishbone/telescopic/shock absorber/Anti roll bar/stabilizer bar/hydraulic double acting/five link type suspension/Mac person/Multi-link.	
8.	Tires	Standard radial size	
9.	Steering	<b>Power assisted/ power steering.</b>	
10.	Brakes	Front disc type, Rear drum type, Hydraulic operated on all wheels and parking brake and should have Anti-lock Braking System (ABS).	
11.	Body/Cap	Four side doors and one back swing door for luggage compartment at the rear of the SUV. All metallic cab with insulated roof, glass window on doors, adjustable seats for driver and co-passengers.	
12.	Chassis and frame	Steel, heavy duty suitable for rough road conditions with towing hook.	



*[Signature]*  
2080/06/18  
**मेकानिकल इन्जिनियर**

13.	Essential Accessories	<ol style="list-style-type: none"> <li>1. Head light, tail and rear light, reversing light and turn signals</li> <li>2. Cabin lights</li> <li>3. Front seat belt for driver and co-passenger.</li> <li>4. Speedometer/odometer</li> <li>5. Spare wheel with tyre.</li> <li>6. Suitable jack with handle</li> <li>7. Air Conditioning System</li> <li>8. Central Door Locking System</li> <li>9. Air Bag Safety System</li> <li>10. Power Window System (Front &amp; Rear)</li> </ol> <p>To be equipped with all accessories offered in standard model but not limited to the above items.</p>	
14.	Instructions	All signs instructions in the vehicle shall be in English.	
15.	Manuals	One copy of the Operator's and Owner's instructions manual in English shall be supplied.	
16.	Tools	A set of tools for general maintenance shall be supplied.	
17.	Color	Standard	
18.	Proven Performance	1. The SUV offered shall be a current model under standard production by the manufacturer	
19.	Warranty	Manufacturer shall provide a minimum of <b>one year warranty after acceptance.</b>	
20.	Delivery	The utility vehicle vehicle one unit shall be delivered to: Tripurasundari Rural Municipality, Bagmati Province.	

The Major items are indicated by bold and highlighted letters / alphabets / figure in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid offered.



*[Signature]*  
2080/06/18  
मेकानिकल इन्जिनियर