

## TECHNICAL SPECIFICATION

**Motorcycles (125 ±5%) CC**

**Qty.: 2 Units**

S. No.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	<b>Motor cycle</b> of sturdy design, suitable for driving on plain and rough road conditions. <b>Kerb weight shall not be less than 115 Kg.</b>	Make: Model: Country of Origin:
2	Engine	<b>Four Stroke Petrol engine of 125 ±5% CC, developing Maximum power output not less than 9.0 PS at governed RPM and Maximum torque output not less than 10.5 Nm, for efficient running of motor cycle. Electric or Electric and kick starting system.</b> <b>Technology: Fuel Injection System</b>	
3	Emission Standard	The Emission Standard of the vehicle should comply with the Vehicle Mass Emission Standard of Nepal.	
4	Gauges	To include speedometer / odometer, Turn signal indicator, neutral indicator, fuel gauge etc. as necessary for efficient operation and maintenance.	
5	Transmission	<b>Minimum Five speed</b>	
6	Brake	<b>Front: Disc &amp; Rear: Drum/Disc</b>	
7	Fuel tank capacity	<b>Minimum 10 liter.</b>	
8	Frame	Sturdy frame and suspension with telescopic shock absorbers. <b>Minimum Ground Clearance: 160 mm</b>	
9	Essential Accessories	1. Head light, rear and turn signal lights 2. Two rear view mirrors 3. Seat for co-rider 4. Helmet - 1 Nos. 5. Leg guard 6. Tubeless tyre (front and rear)	
10	Instructions	All signs and instructions in the vehicle shall be in English.	
11	Manuals	One copy of the Operator's and Owner's Instructions in English shall be supplied with each vehicle.	

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	<ol style="list-style-type: none"> <li>1. The motor cycle offered shall be a current model under standard production by the manufacturer for at least one year.</li> <li>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 etc.</li> </ol>	
14	Warranty	Manufacturer shall provide a <b>minimum of one year warranty after acceptance.</b>	
15	Delivery	The Motorcycles 2 units shall be delivered to: <b>National Cyber Security Centre, Kathmandu</b>	
<b>REMARKS</b>			

# Technical Specification

Scooter (125±5%) cc Class

3 Units

S.No	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	Scooter of sturdy design, suitable for driving also on rough road conditions in Nepal.	Make: Model: Country of Origin:
2	Engine	<b>(125±5%) cc</b> , Four Stroke petrol engine developing <b>Maximum rated power output not less than 6 KW</b> at governed RPM and <b>Maximum torque output not less than 9.5 N-m</b> , for efficient running of Scooter. <b>Technology: Fuel Injection System</b>	Make: Model:
3	Gauges	To include Digital speedometer / odometer, Turn signal indicator, neutral indicator, fuel gauge, oil gauge, etc. as necessary for efficient operation and maintenance.	
4	Transmission	Automatic Transmission System	
5	Brake	Mechanical or hydraulic Brake. Front: <b>Disc</b> Rear: Drum/ Disc	
6	Suspension	Inline telescopic hydraulic fork shock absorber / spring loaded hydraulic damper	
	Dimension	Wheel base: <b>Minimum 1,260 mm</b> Fuel Tank Capacity: <b>Minimum 5 L</b>	
7	Electrical System	Battery: 12V Starting system: <b>Self or Self and Kick</b>	
8	Essential Accessories	1. Head light, rear and turn signal lights 2. Two rear view mirrors 3. Safety lock for steering 4. Seat for co-rider 5. Helmet - 1 Nos. <b>To be equipped with all standard accessories of offered model but not limited to above items.</b>	
9	Emission Standard	The emission standard of the offered vehicle to be in compliance with or superior to the applicable <b>Standard as prescribed by Nepal Vehicle Mass Emission Standard which is to be certified by Department of Transport Management.</b>	
10	Instructions	All signs and instructions in the equipment shall be in English.	

11	Manuals	<b>One copy of the Operator's and Owner's Instructions and maintenance manual in English</b> shall be supplied with each equipment	
12	Tools	<b>A set of tools</b> as required for general maintenance shall be supplied.	
13	Proven performance	1. The scooter offered shall be a current model	
14	Warranty	Manufacturer shall provide a minimum of <b>one-year warranty</b> after acceptance.	
15	Delivery	The scooter 3 units shall be delivered to: <b>National Cyber Security Centre ,Kathmandu.</b>	

**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.

# Technical Specifications

Car 1200(±5%)CC Class

Quantity: 1 Unit

S.N	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	Right Hand Drive, Model Car, suitable for driving in Nepal at an altitude upto 3000 meter and in ambient temperature between -10 to 50 deg. Centigrade, Kerb weight should not be less than 850kg. Vehicle shall have seating capacity for at least <b>5 passengers including driver.</b>	Make: Model: Country of Origin:
2	Engine	Water Cooled 4 stroke, 4- cylinder Petrol Engine, developing <b>Maximum rated Power output not less than 80 BHP</b> and <b>maximum torque should not be less than 110 Nm at governed RPM</b> (engine fully equipped with accessories) for efficient full load operation of vehicle at operating conditions and shall be equipped with direct electric starting system.	Make: Model:
3	Gauges	To include ammeter, water temperature, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance, door lock etc.	
4	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>	
5	Transmission	Manual shift at least five forward and one reverse, all forward synchromesh or automatic transmission having minimum five speed.	
6	Suspension	MacPherson Strut, Coil springs, torsion (stabilizer) bar. Shock absorbers at front and rear.	
7	Wheel/Tires	Standard size alloy wheel and tyre	
8	Dimension and weight	Overall length: Not less than 3800mm Overall width: Not less than 1650mm Wheel base: Not less than 2450mm Minimum ground clearance: Not less than 165mm Kerb weight should not be less than 850kg. Fuel tank capacity : minimum 35 ltr.	
9	Steering	<b>Power assisted/Power Steering/Tilttable</b>	
10	Brakes	<b>Front: disc type</b> <b>Rear : disc/Drum type</b> Hydraulic operated on all wheels, and parking brake, dual circuit preferred. <b>Four-wheel Anti-lock brake system (ABS) with Electronic Brake force Distribution (EBD).</b>	

11	Cab	4 side doors and 1 back swing door, all metallic cab with insulated roof, right hand drive, laminated glass windscreen, front windscreen washers and wipers, glass windows on doors, through ventilation, comfortable and adjustable seats for driver and co-passenger. Two sun visors, and two side view mirrors.	
12	Chassis and frame	Steel, heavy duty, with toe-hooks in front and rear.	
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. Speedometer / odometer</li> <li>4. Spare wheel with tyre and tube</li> <li>5. Suitable jack with handle</li> <li><b>6. Body Colored Front bumper</b></li> <li><b>7. Auto Air Conditioner</b></li> <li><b>8. Remote keyless entry system with Central Door Locking system</b></li> <li><b>9. Defroster/Heater</b></li> <li><b>10. Steering mounted audio control system</b></li> <li><b>11. Minimum Front Dual Air Bag Safety System</b></li> <li><b>12. Power Window System (Front or Rear)</b></li> <li><b>13. Reverse parking assist system with camera</b></li> <li><b>14. Electrically adjustable ORMS</b></li> <li><b>15. Speed sensing door lock</b></li> <li><b>16. Impact Sensitive door unlock</b></li> <li><b>17. Rear defogger</b></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 and instructions in the vehicle shall be in English.	
15	Manuals	One copy of the Operator's and Owner's Instructions and Maintenance manual; with each vehicle in English shall be supplied:	
16	Tools	A set of tools as required for general maintenance shall be supplied.	
17	Color	Standard colour.	
18	Proven performance	The Car offered shall be a current model under standard production by the manufacturer for at least one year.	
19	Warranty	Manufacturer shall provide <b>minimum of three years of warranty after acceptance.</b>	
20	Delivery	The Utility Vehicle 1 unit shall be delivered to: National Cyber Security Centre; Kathmandu	

**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