

Technical Specification

Purchaser : Aathbiskot Municipality, Aathbiskot, Rukum(West)

Vehicle : Motorcycle (156 ± 5%) CC

Quantity : 7 Units

S.N.	CRITERIA	MUNICIPALITY REQUIREMENT	OFFERED SPECIFICATION
1	General	Motorcycle of sturdy design, suitable for driving on rough road conditions of Nepal. Kerb vehicle weight should not less than 125 Kg.	Make: Model: Country of Origin:
2	Engine	<ul style="list-style-type: none"> Four Stroke, single cylinder, air cooled petrol engine Displacement (156 ± 5%) CC Developing Maximum rated power output not less than 12.5 HP at governed RPM Maximum rated torque output not less than 12.5 Nm, at governed RPM. 	Make: Model: Country of Origin:
3	Gauges	To include speedometer / odometer, Turn signal indicator, neutral indicator, fuel gauge, etc. as necessary for efficient operation and maintenance.	
4	Transmission	Minimum Four speed	
5	Brake	Mechanical or hydraulic Brake. Front disc, Rear disc/drum	
6	Frame/Chassis	Study frame and suspension with telescopic shock absorbers for front and spring loaded hydraulic or trailing arm with nitrox shock for rear. Ground Clearance not less than 150 mm	
7	Electrical System	<ol style="list-style-type: none"> Battery: 12V Starting system: Self and Kick 	
8	Essential Accessories	<ol style="list-style-type: none"> Head light, Tail and Rear Light Turn signal lights Two rear view mirrors Safety lock for steering Helmet per unit Leg guard A set of tools for general maintenance Fuel tank not less than 10 Ltr including reserve Equipped with all accessories offered in standard model but not limited to the above items.	
9	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.	
10	Instructions	All signs and instructions in the equipment shall be in English.	

For Chief Administrative Officer

11	Manuals	One copy of the Operator's, and Owner's Instructions and maintenance manual in English shall be supplied with each motorcycle.	
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 motor cycle 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 etc.	
14	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
15	Delivery	The Motorcycles shall be delivered within 15 days from the date of contract to: Aathbiskot Municipality, Aathbiskot, Rukum(West)	

Notes:

1. The bidder should submit the authorized catalogue (or documents) to verify the above specifications.
2. 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.
3. The bidder should mention the required data, details and values of the machine in the offered specification column .

Bidder's Signature.....

Date.....

Prepared By:


Bijay Kumar Shah
Mechanical Engineer
Department of Roads
Heavy equipment Division, Godavari
NEC No. : 340 Mechanical "A"



मेकानिकल इन्जिनियर

Approved By:

Ram Bahadur KC
Chief Administrative Officer
Aathbiskot Municipality, Aathbiskot, Rukum(West)
Date and Signature -


For Chief Administrative Officer

Technical Specifications

Office Name: Aathbiskot Municipality, Aathbiskot, Rukum (West)

Equipment Name: 4 Stroke Motorcycle (200 ± 10%)

Quantity: 1 Unit

S. No.	CRITERIA	MUNICIPALITY REQUIREMENT	OFFERED SPECIFICATION
1	General	Motorcycle of sturdy design, suitable for driving both plane and hilly terrain on rough road conditions of Nepal. Kerb vehicle weight should not less than 135 Kg. Fuel Tank Minimum 15 ltr. Including Reserve.	Make: Model: Country of Origin:
2	Engine	Four Stroke Petrol engine, Displacement not less than 200±10% cc , developing maximum output power not less than 18 HP at governed RPM and Maximum torque output not less than 15 N-m , for efficient running of motor cycle.	Make: Model: Country of Origin:
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 which is to be certified by Department of Transport Management.	
4	Gauges	To include speedometer / odometer, Turn signal indicator, neutral indicator, fuel gauge etc. as necessary for efficient operation and maintenance.	
5	Transmission	Minimum Five speed	
6	Brake	Front: Disc Rear: Drum/Disc	
7	Frame	Sturdy frame and suspension with telescopic shock absorbers. Minimum Ground Clearance: 160 mm Wheel Base not less than 1300mm	
8	Electrical System	1. Battery: 12V 2. Starting system: Self Electrical and Kick	
9	Essential Accessories	1. Head light, rear and turn signal lights 2. Two rear view mirrors 3. Alloy Wheel 4. Safety lock for steering 5. Seat for co-rider 6. Helmet - 1 Nos. 7. Leg guard 8. Helmet Lock To be equipped with all standard accessories of offered model but not limited to above items.	
10	Instruction	All signs and instructions in the vehicle shall be in	

For Chief Administrative Officer

		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.	
13	Proven Performance	<ol style="list-style-type: none"> 1. The motor cycle 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 etc. 	
14	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance .	
15	Delivery	The Motorcycles 1 units within 7 days shall be delivered to: Aathbiskot Municipality, Aathbiskot, Rukum(West).	

Notes:

1. The bidder should submit the authorized catalogue (or documents) to verify the above specifications.
2. 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.
3. The bidder should mention the required data, details and values of the machine in the offered specification column

Bidder's Signature.....

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