

## TECHNICAL SPECIFICATIONS OF MOTORCYCLE

S.n	Criteria	Required specification	Offered Specification
1.	General	Petrol Engine Motorcycle Type Vehicle suitable to operate in rough and hilly road condition of Nepal. Kerb Weight shall not be more than 165 kg and shall have seating capacity for at least 2 passengers including driver.	Maker: Model: Kerb Weight:
2.	Engine	4-Stroke, Minimum (200+/-10cc), Petrol engine ,developing Maximum rated power output not less than 19 PS at governed RPM, Torque not less than 15 NM, shall fully equipped with accessories for efficient full load operation of the Motorcycle.	Displacement: Power Output: Torque:
3.	Emission Standard	The Emission Standard of the vehicle should be of Nepal Vehicle Mass Emission Standard-2069, Which is to be certified by Department of Transport Management, Nepal	
4.	Gauges	To include speedometer, fuel gauge etc. as necessary for the efficient operation and maintenance.	
5.	Clutch	Multi plate, wet type	
6.	Transmission	Manual shift at least 5 forward.	
7.	Ground clearance	Minimum 175 mm.	
8.	Suspension	Telescopic forks	
9.	Tyre	Standard Size, factory fitted tubeless.	
10.	Starting	Self and Kick starter	
11.	Brakes	Front-Disc, Rear-Disc/Drum	
12.	Wheel	Rim Front and Rear :Cast Wheel/ Spoke Wheel	
13.	Fuel Tank	Not less than 12 Liters.	
14.	Chassis & Frame	Steel, heavy duty suitable for rough road conditions	
15.	Essential Accessories	<b>The vehicle should be equipped with:</b> <ul style="list-style-type: none"> <li>• Head light, Tail light</li> <li>• Turn signals</li> <li>• Speedometer</li> <li>• Rear view Mirror</li> <li>• Legguard</li> <li>• Helmet</li> </ul>	
16.	Instructions	All signs and instructions in the vehicle shall be in English.	
17.	Manuals	Copy of the Operator's and Owner's instructions in English shall be supplied with each vehicle.	

  
 मेकानिकल इन्जिनियर



  
 गणेश बहादुर शाही  
 नि. प्रमुख प्रशासकीय अधिकृत

## TECHNICAL SPECIFICATIONS OF MOTORCYCLE

18.	Warranty*	Manufacture shall provide a minimum 3 year warranty after date of acceptance.	
19.	Color	Standard	
20.	Proven Performance	The motorcycle offered shall be standard production by the manufacturers and should be current model.	
21.	Delivery	The 1 Unit Motorcycles should be delivered to: Subhakalika Rural Municipality Office of Rural Municipal Executive, Kalikot	

### NOTE:

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

Bidder's Signature.....

Date .....

### PREPARED BY:


Name: Rajan Oli

Designation: Mechanical Engineer

NEC No: 3150 Mechanical

  
संकायनकल इन्जिनियर



  
गणेश बहादुर शाही  
नि. प्रमुख प्रशासकीय अधिकृत



## SUBHAKALIKA RURAL MUNICIPALITY

## OFFICE OF THE RURAL MUNICIPAL EXECUTIVE

## KARNALI PROVINCE

## KALIKOT

## Cost Estimate of the supply and Delivery of Motorcycle: 1 Unit

S.N	Item	Specification	Quantity	Estimated Rate (Rs.)	Amount (Rs.)
1	(155+77)EC Motorcycle 200+/-7cc Motorcycle	Supply and delivery of motorcycle having 4-stroke petrol engine of (200+/-10) cc. Manual shift at least 5 forward. Gear transmission. Minimum 175 MM ground Clearance. Fitted with standard size tyre and suitable for normal and rough road driving in Nepal including following essential accessories: 1. Head light, tail and rear light 2. Turn signals 3. Speedometer 4. Leg guard 5. Helmet	1	398230.08	398230.08
Subtotal					398230.08
VAT 13%(RS)					51769.91
Total cost in NRS					450000.00

Estimated cost in words: Four Lakh Fifty Thousand rupees only/-

Prepared By:

Name: Rajan Oli

Designation: Mechanical Engineer

NEC No: 3150 Mechanical

Date: 2080/08/28



*Shah*  
गणेश बहादुर शाही  
ति. प्रमुख प्रशासकीय अधिकृत

*Rajan Oli*  
मेकानिकल इंजिनियर

## TECHNICAL SPECIFICATIONS OF MOTORCYCLE

S.n	Criteria	Required specification	Offered Specification
1.	General	Petrol Engine Motorcycle Type Vehicle suitable to operate in rough and hilly road condition of Nepal. Kerb Weight shall not be more than 150 kg and shall have seating capacity for at least 2 passengers including driver.	Maker: Model: Kerb Weight:
2.	Engine	4-Stroke, Minimum (155+/-7cc), Petrol engine, developing Maximum rated power output not less than 14 PS at governed RPM, Torque not less than 13 NM, shall fully equipped with accessories for efficient full load operation of the Motorcycle.	Displacement: Power Output: Torque:
3.	Emission Standard	The Emission Standard of the vehicle should be of Nepal Vehicle Mass Emission Standard-2069, Which is to be certified by Department of Transport Management, Nepal	
4.	Gauges	To include speedometer, fuel gauge etc. as necessary for the efficient operation and maintenance.	
5.	Clutch	Multi plate wet plate	
6.	Transmission	Manual shift at least 5 forward.	
7.	Ground clearance	Minimum 165 mm.	
8.	Suspension	Telescopic forks	
9.	Tyre	Standard Size, factory fitted tubeless.	
10.	Starting	Self and Kick starter	
11.	Brakes	Front-Disc, Rear-Internal Expanding Shoe Type	
12.	Wheel	Rim Front and Rear ;Cast Wheel	
13.	Fuel Tank	Not less than 12 Liters.	
14.	Chassis & Frame	Steel, heavy duty suitable for rough road conditions	
15.	Essential Accessories	<b>The vehicle should be equipped with:</b> <ul style="list-style-type: none"> <li>• Head light, Tail light</li> <li>• Turn signals</li> <li>• Speedometer</li> <li>• Rear view Mirror</li> <li>• Legguard</li> <li>• Helmet</li> </ul>	
16.	Instructions	All signs and instructions in the vehicle shall be in English.	
17.	Manuals	Copy of the Operator's and Owner's instructions in English shall be supplied with each vehicle.	

  
 मैकानिकल इन्जिनियर



  
 गणेश बहादुर शाही  
 नि. प्रमुख प्रशासकीय अधिकृत



## TECHNICAL SPECIFICATIONS OF MOTORCYCLE

18.	Warranty*	Manufacture shall provide a minimum 3 year warranty after date of acceptance.	
19.	Color	Standard	
20.	Proven Performance	The motorcycle offered shall be standard production by the manufacturers and should be current model.	
21.	Delivery	The 3 Units Motorcycles should be delivered to: Subhakalika Rural Municipality Office of Rural Municipal Executive, Kalikot	

### NOTE:

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

Bidder's Signature.....

Date .....

### PREPARED BY:


Name: Rajan Oli

Designation: Mechanical Engineer

NEC No: 3150 Mechanical

  
मेकानिकल इन्जिनियर



  
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**SUBHAKALIKA RURAL MUNICIPALITY**  
**OFFICE OF THE RURAL MUNICIPAL EXECUTIVE**  
**KARNALI PROVINCE**  
**KALIKOT**

**Cost Estimate of the supply and Delivery of Motorcycle: 3 Units**

S.N	Item	Specification	Quantity	Estimated Rate (Rs.)	Amount (Rs.)
1	(155+/7)CC Motorcycle	Supply and delivery of motorcycle having 4-stroke petrol engine of (155+/-7) cc. Manual shift at least 5 forward. Gear transmission. Minimum 165 MM ground Clearance. Fitted with standard size tubeless tyre and suitable for normal and rough road driving in Nepal including following essential accessories: 1. Head light, tail and rear light 2. Turn signals 3. Speedometer 4. Leg guard 5. Helmet	3	265486.72	796460.17
Subtotal					796460.17
VAT 13%(RS)					103539.83
Total cost in NRS					900000.00

**Estimated cost in words: Nine Lakh rupees only/-**

**Prepared By:**

**Name: Rajan Oli**

**Designation: Mechanical Engineer**

**NEC No: 3150 Mechanical**

**Date: 2080/08/28**



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