

### Technical Specification of Motorcycle (Dirt Type)

S.N	Parameters		Technical Specification	Remarks
1	Engine	Model	Single cylinder, four-stroke engine and air cooled	
		Displacement	Minimum 145 CC	
		Power	Minimum 12 HP @ rated RPM	
		Torque	Minimum 12 Nm @ rated RPM	
2	Emission Standard		Must meet Nepal Vehicle Mass Emission Standard.	
3	Starting System		Electric and kick starting system	
4	Fuel System		Carburetor type or better	
5	Transmission System		Minimum 5 speed manual type	
6	Final Drive System		Chain type	
7	Ground Clearance		Minimum 240 mm	
8	Chassis Frame		Semi double cradle type	
9	Suspension		Double periscope type in front side and mono shock in rear side	
10	Brake		Single disc type in front and disc/drum in rear	
11	Fuel Tank Capacity		Minimum 12 Liters	
12	Manual		User/operator Manual, Maintenance Manual and Spare Parts Manual must be provided (All in English)	
13	SMTs		Minimum set of tools should be provided	
14	Year of Manufacture		2020 onwards	
15	Date of Manufacture of Battery		Must be less than 6 months at the time of delivery inspection	
16	Date of Manufacture of Tyre		Must be less than 1 year at the time of delivery inspection	
17	Servicing		Minimum 5 times free servicing after delivery	
18	Warranty		Minimum 2 Years/provided by OEM whichever is greater	

