

Technical Specification Of Three-Wheeler Tempo - 1 Unit



S.No	CRITERIA	REQUIREMENT	OFFERED SPECIFICATIONS
1	General	The 3-wheeler tempo vehicle with cargo box, manufacturer fitted in the country of origin of chasis shall be designed for efficient used for short-distance travel within cities and for carrying small loads in urban areas. A compact size for maneuverability in narrow streets and congested areas, and shall be powered by an petrol engine.	
2	Engine	4-stroke DTS-i engine with a displacement of 225 cc which produces a maximum power of 15 HP and a maximum torque of 18 Nm. The engine also features a wet multidisic clutch.	
3	Engine Capacity	Capacity -Maximum rated peak power output not less than 15 HP power	
4	Ground Clearance	Minimum 200mm	
5	Warranty	Minimum 1 years.	
6	Gauges	To include speedometer / odometer, Turn signal indicator, battery %gauge etc. as necessary for efficient operation and maintenance	
7	Maximum speed	Top speed not less than 65 km/hr	
8	Tyre	Standard	
9	Pay Load	Not less than 670 kg and kerb weight is 345 kg	
10	Dimension(Approx. LxBxH)	(2635x1300x1700)mm	
11	Suspension	Double-acting hydraulic shock absorbers in both the front and rear suspension	
12	Wheel Base and Fuel tank Capacity	Not less than 2000 mm and fuel tank capacity must be 8 ltrs.	
13	Cabin	The three-wheeler cabin shall be fully enclosed to provide protection against rain, wind, dust, and cold, ensuring comfort for both the driver, co-driver and passenger. The cabin shall have sealed structure to protect against external elements, with sealed doors and windows. Additionally, the windscreen shall be equipped with a powerful wiper system to maintain visibility in rainy conditions.	
14	Brake	As per manufacturing standard	
15	Essential Accessories	1. Head light, rear and turn signal lights 2. Two rear view mirrors 3. Seat for co-rider	
16	Instructions	All signs and instructions in the equipment shall be in English.	
17	Manuals	One copy of the Operator's and Owner's Instructions and maintenance manual in English shall be supplied with each equipment	
18	Tools	A set of tools as required for general maintenance shall be supplied.	
19	Proven performance	The vehicle offered shall be a current model under standard production by the manufacturer for at least one year	
20	Certification and Standard	The offered Electric Three-Wheeler Tempo must have a valid Type Approval Certificate from DOTM-Nepal, or an equivalent authority recognizing by the respective Government of the country of origin, confirming compliance with safety, performance, and environmental standards. For vehicles from Nepal, the Type Approval certificate must be approved by the Government of Nepal	
21	Color	Standard Color	
22	Delivery	The three wheeler vehicle - 1 unit shall be delivered to Gauringanga Municipality, Office of the municipal Executive, Chaumala, Kailali	

Prepared By

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