



Madhyapur Thimi Municipality

Technical Specifications of Electric Van (Min.11 Seater)

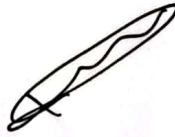
S.N.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	Electric Van, Right Hand Drive model suitable for driving in Nepal and shall have seating capacity for at least 11 Persons including driver.	
		Seating Capacity:	not less than: 11 (D+1)
		Curb Weight:	not less than: 1350 kg
2	Emission Standard	Zero Emission Vehicle	
3	Electric Motor	Rated Power:	not less than: 50 kW
		Torque:	not less than: 195 Nm
4	Battery	Capacity	Not less than 40 AH
		Warranty	Not less than 5 years
		Battery Type	Battery Type shall be CATL Lithium Iron Phosphate or superior
	Dirving Range	Rated	Not less than: 200 km
	Charging Time	AC	Not more than 8 hrs
4	Drive	Shift:	knob/liver as per standard
		Forward:	not less than: 2 mode
		Reverse:	not less than: 1 mode
5	Dimension	Ground clearance	not less than: 175 mm
		Wheelbase	not less than: 2800 mm
6	Steering	Hydraulically or electrically assisted power steering	
7	Brakes	Front:	Disc
		Rear:	Disc/Drum
		Safety	ABS or better
8	Suspension	Suitable for toughest terrain, smooth ride, stable handling and comfortable driving conditions.	
		Front:	As per manufacturer standard
		Rear:	As per manufacturer standard
<i>Apart from the above the vehicle should have following:</i>			
9	Manufacturer	Specify Name of Manufacturing Company	
10	Offered Model	Specify model to be offered, Must be Specific	
11	Country of Origin	Specify country of Manufacturer	
12	Gauges	Fitted with all the gauges, indicators, signals as necessary for efficient operation, functional monitoring and maintenance that includes, but not limited to, Speedometer/Odometer, Battery Indicator, Charging Status Indicator and other necessary components for better feedback and efficient operation of the vehicle.	
13	Tires	Not less than 14"	
14	Cab	Right hand drive, laminated tinted glass windscreen, washers and wipers, glass window on doors, comfortable and adjustable seats for driver and passengers, floor mats, two sun visor and two side view mirrors and rear view mirror.	
15	Chassis and frame	Steel, heavy duty suitable for rough road conditions.	
16	Instructions	All signs and instructions in the vehicle shall be in English.	
17	Manuals	One copy of the Operator's and Owner's instructions and maintenance manual, spare parts catalogue and comprehensive workshop manual in English shall be supplied with each vehicle.	
18	Tools	A set of tools as required for general maintenance shall be supplied within a lockable toolbox with jack free of cost with each unit.	
19	Colour	Standard color to be decided by KMC	
20	Essential Accessories	1. Head light, tail and rear light, reversing light and turn signals.	
		2. Front seat belt for driver and Co-passenger.	

प्रमुख अधिकारी (प्रशासनिक)
 सहायक प्रशासक (प्रशासनिक)

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		3. Touch screen Music player with USB-port, and Bluetooth system.	
		4. Air Conditioner(HVAC)	
		5.To be equipped with all accessories offered in standard model but not limited to the above items.	
21	Proven Performance	The Vehicle/s to be supplied should be latest model available in Nepal at the time of delivery	
22	Initial Service	The supplier shall provide all the necessary spare parts required for the first four services, after the vehicle has been commissioned and accepted.	
23	After sales service	The supplier should provide documentary evidence of having at least one service center in Kathmandu Valley.	
24	Inspection and Test	The Employer may appoint its representative for inspection before delivery and the bidder shall arrange for such inspection and testing of vehicle.	
25	Deliveryunits of the Vehicle shall be delivered to: Premises of Office of Madhyapur Thimi Municipality	
26	Warranty	Manufacturer shall provide a minimum of One-year warranty after acceptance	
27	Other Warranties	Battery	not less than 5 Years
		Motor	not less than 5 Years
		DC to DC Converter	not less than 5 Years
		Battery Management System	not less than 5 Years

Pradyumna
 प्रमोद डवेल
 सहायक निर्देशक (निष्काशनका)




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 2079/1/28

