

Technical Specification of Mobile Kitchen Van

S.N	Parameters	Technical Specification	Remarks
1	Engine Type	Turbo charged Intercooled diesel engine	
2	Displacement	Minimum 3000 CC	
3	Power	Minimum 90 HP @ rated RPM	
4	Torque	Minimum 250 Nm @ Rated RPM	
5	Emission Standard	Minimum Nepal Emission Norms or equivalent	
6	Transmission System	Synchromesh, Minimum 4 forward and 1 reverse, 4WD	
7	Steering System	Power steering	
8	Brake	Disk brake at front , drum brake at rear	
9	Wheels and Tyres	Standard size with 1 spare	
10	Fuel Tank Capacity	Minimum 90 Ltrs	
11	Payload	Minimum 1500 kg	
12	Ground Clearance	Minimum 200 mm	
13	Color	Nepali Army Standard Color, Mettalic paint	
14	Drive Side	Right Hand Drive.	
15	Tow Hook	Required	
16	Features	Adjustable driver seat and standard passenger seat with seat belts	
		Should have standard Stereo with FM, USB function	
		Standard fog light must be provided	
17	Manual	User/Operator Manual, Maintenance Manual and Spare Parts Manual must be provided (All in English)	
18	Accessories	Standard Tool Kit (Comprising of 10 Ton Hydraulic Jack, Lever, Wheel Brush, Few Standard Wrench Sets and Fire Extinguisher 1 kg)	
19	Year of Manufacture	2020 onwards	
20	Date of Manufacture of Battery	Must be less than 6 months at the time of delivery inspection	
21	Date of Manufacture of Tyre	Must be less than 1 year at the time of delivery inspection	
22	Warranty	Minimum 2 Years/ provided by OEM whichever is greater	
23	Kitchen Requirement	As per Annex "A "	

Dr. Subram

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Annex "A"

S.N	Parameters	Technical Specification	Remarks
1	Generator	5 kVA, Diesel Generator	
2	Deep Freeze	Minimum 300 Liters	
3	Water Tanker	Minimum 300 Liters	
4	Water Sink with Tab	Stainless Steel	
5	Cooking Stove	2 Burner Type LPG cooking Stove	
		Dimension : Minimum 60 " x 30 " x 25 "	
		Minimum 80 mm M type Burner with Pilot Burner	
		Three LPG Cylinder should be connected in Manifold . Should have pressure regulator, Pressure Gauge and Gate Valve in MS steel Pipe Line.	
6	Exhaust Fan	Roof Type kitchne Exhaust Fan	
7	Storage Shelf	Metal shelf with Locker and sliding door with minimum 5 compartment	
		Dimension : Minimum L 60 " x H 60 " x B 18 "	
8	Bain Marie	Electric , Stainless Steel, Minimum 1000 x 500x 300 mm with 100 mm deep 3 container	
9	Fire Extinguisher	Minimum 5 kg, ABC type	
10	Modification (if Required)	Should have rear door for entry and Exit like of Ambulance.	
		Height of Kitchen should be minimum 6 feet	
		Minimum 60" x 36 " Hinged open Window towards the cooking Stove side. The window should be designed such while opening the window it should be like a table outside the rear cabin.	
		Minimum 2 x Roof LED light and 2 x Power Shocket should be provided	
		Pipe fitting from water tank to Sink. The outlet of sink should be outside the vehicle.	
		The high pressure Gas Manifold should be placed outside wall of vehicle and should designed such the gas cylinder are fitted to manifold outside the vehicle.	
11	Terms and Conditions	All the above mentioned attachment expect Generator should be properly arranged inside the Vehicle to obtain maximum free space inside the kitchen cabin.	

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