

Technical Specifications

TURBO TRACTOR 4WD

1 Unit

S.N	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	4 WD TRACTOR Right Hand Drive model with Four wheel drive, suitable for driving both in ON-ROAD condition and in OFF-ROAD conditions capable of delivering strong adequate traction needed for safe driving in rough, sandy or slippery and hilly road conditions in Nepal.	Make: Model:
2	Engine	Engine power not less than 75 HP and More than 3500 CC, 4 Stroke diesel Engine, with an efficient fuel injection system. The Engine shall be fully equipped with all necessary items/ accessories and controlling devices for safe, smooth, efficient, economical operation and optimizing vehicle performance producing lesser amount of palliative emissions.	Make: Model:
3	Emission Standard	The emission standard of the offered vehicle must be incompliance with or superior than the applicable Standard.	
4	Gauges	Fitted with all the gauges, indicators, signals as necessary for efficient operation, functional monitoring, vehicle performance and maintenance that includes(but not limited to) Battery charge indicator, water temperature, fuel, oil pressure, transmission gauge etc. with all standard items of offered model vehicle	
5	Transmission	- Dual Clutch - Standard Transmission - Side Shift Gear Shifting pattern	
	Lifting Capacity	- 2000 K.G or more	
6	Ground clearance	High ground clearance preferred, minimum 310 mm.	
7	Tyre	Front Tyre Size – 12.4 x 24 or above & Rear – 18.4 30 or above	
8	Dimensions	Total Weight minimum 2500 KG Wheel Base 2000-2500 mm	
9	Steering	Hydraulic Power Steering	
10	Brakes	Multi Disc Oil Immersed	
11	PTO power	Minimum 60 HP	
12	Chassis and Frame	As per the manufacturer design suitable for heavy duty high rigidity frame structure suitable for rough road conditions.	

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13 Essential Accessories 1. Head light, tail and rear light, reversing light and turn signals 2. Speedometer / odometer 3. Weight adjustable seat 4. A tractor hood 5. Suitable jack with handle To be equipped with all accessories offered in standard model catalogue provided by principal manufacturer but not limited to the above items. 14 Optional Features Prame, Under hood exhaust muffler, adjustable front axle 15 Instructions All signs and instructions in the vehicle shall be in English. 16 Manuals One copy of the Operator's and Owner's Instructions in English shall be supplied with vehicle. 17 Tools A set of tools, with a tool bag, as required for general maintenance shall be supplied. 18 Color Standard Color The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine. 20 Warranty Manufacturer shall provide a minimum of five years / 3000 hrs warranty after acceptance. 21 Delivery Tractor 4WD 1 unit shall be delivered to Desired Location				
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		ROAD condition and in OFF-ROAD conditions	
		capable of delivering strong adequate traction	
		needed for safe driving in rough, sandy or slippery	
		and hilly road conditions in Nepal.	
2	Engine	Engine power not less than 60 HP and More	Make:
		than 3200 CC, 4 Stroke diesel Engine, with an	Model:
		efficient fuel injection system. The Engine shall be	
		fully equipped with all necessary items/ accessories	
		and controlling devices for safe, smooth, efficient,	
		economical operation and optimizing vehicle	
		performance producing lesser amount of palliative	
		emissions.	
3	Emission	The emission standard of the offered vehicle must	
	Standard	be incompliance with or superior than the	
		applicable Standard.	
4	Gauges	Fitted with all the gauges, indicators, signals as	
		necessary for efficient operation, functional	
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		that includes(but not limited to) Battery charge	
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		transmission gauge etc. with all standard items of	
	*	offered model vehicle	
5	*	- Dual Clutch	
	Transmission	- Standard Transmission	
		- Side Shift Gear Shifting pattern	
		- Higher number of gear is preferable	
	Lifting		
	Capacity	- 2000 K.G or more	
6	Ground	High ground clearance preferred, minimum 310	
	clearance	mm.	
7	Tyre	Front Tyre Size – 9.5 x 24 or above & Rear – 16.9	
		x 28 or above	
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		Wheel Base 2000-2500 mm	
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