

Technical Specification of tractor.

CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
General	Farm Tractor, Four Wheel drive, suitable for farm work driving giving smooth economic performance and in suitable for hilly area in Nepal Ground Clearance should be minimum 360 mm. Total weight of vehicle shall not be less than 2000 kgs. 4WD.	
Engine	4-Stroke, min. 3 cylinders water cooled Diesel Engine, developing maximum rated power output not less than 60 HP category at rated rpm, Rotary type fuel injection pump will be highly preferred.	
Gauges	To include speedometer, water temperature, as necessary for efficient operation and maintenance.	
Clutch	Dual clutch (diaphragm Clutch / Dry type) or suitable for Transmission.	
Transmission	Manual shift at least eight forward and two reverse gears (Constant mesh / Synchromesh gear mesh type)	
Chassis and Frame	Steel heavy Duty with toe-hooks.	
Hydraulic Lifting capacity	Not less than 2000 kg	
Fuel tank	Not less than 58 litres.	
Air cleaner	Oil Bathed /Dry type	
Cooling System	Water cooling	
Weight	More than 2000 Kg	
Wheelbase	Minimum 2000mm.	
Tyres	Standard size suitable for operation in hilly area too.	
Hitching system	3 Point hitching system	
Steering	Power Steering	
Brakes	Suspended type / Oil immersed brake	
Essential Accessories	1. Head light, reversing light and turn signals 2. Speedometer / odometer, Standard tool set with jack and handle. 3 Equipped with all accessories offered in standard model but not limited to the above items. The accessories / features supplied with the tractor shall be as per manufacturer's standard.	

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Instructions	All signs and instructions in the vehicle shall be in English.	
Manuals	One copy of the Operator's and Owner's Instructions in English shall be supplied with each vehicle.	
Tools	A set of tools as required for general maintenance shall be supplied.	
Color	Standard colour	
Proven performance	The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine.	
Warranty	Manufacturer shall provide a minimum of Two-year warranty after acceptance.	
Initial Service	The supplier shall provide the vehicle all the necessary filters and spare parts required for the first two services, after the vehicle has been accepted.	