



## Technical Specifications of Tractor

## Offered Specifications

Sl. No.	Particulars	Requirements	Offered Specifications
1.	General	<b>Right hand driven with Two Wheel Drive(2WD)</b> , suitable for normal and rough road driving in Nepal at an altitude up to 2000 meter and in ambient temperature -5 to 50 degree centigrade. Having kerb weight minimum 1900 kg.	Make: Model: Mfg. Year:
2.	Engine	Type: 4-Stroke, Direct Injection, Water-cooled Diesel Engine HP Category: Min, 47 HP or above. Engine Capacity: Not less than 3067±2%CC Engine Rated RPM: 2200 No of Cylinder: Not less than 3 Air Filter: Oil bath With Cleaner or Dry air cleaner. Cooling System: Water Cooled	Make: Model:
3.	Emission Standard	The Emission Standard of the vehicle should be of Nepal Vehicle Mass Emission Standard-2069, Which is to be certified by Department of Transport Management, Nepal	
4.	Transmission	Type: Heavy Duty Sliding/Constant Mesh/Synchromesh Gear-box: 8- Forward and 2- reverse	
5.	Steering	Mechanical/Power Steering.	
6.	Gauges	To include speedometer, fuel etc. as necessary for efficient operation and maintenance	

*[Signature]*  
2020/02/29

**Er. Niraj Kumar Sah**  
MEC Regd.No.: 5500-A Mechanical

*[Signature]*  
2020/02/29



8	Ground Clearance	High Ground clearance preferred, minimum 440mm (Rear Wheel).	
9	Power Take Off	PTO RPM: 540@governed RPM	
10	Clutch	Dual Clutch	
11	Tires	Standard Size, factory fitted tubeless.	
12	Starting	Self-starter	
13	Brakes	Multi plate Oil immersed brakes	
14	Wheel	2 WD, Rim/Cast Wheel.	
15	Hydraulic and implement linkage	3 point linkage, Hydraulic system with automatic depth, position control, draft control and mixed controlled	
16	Hydraulic lift pump	Gear type pump with delivery of at least 20 litres per minute at rated engine speed	
	Electrical instruments	Battery 12v,100Ah , Alternator (12v,40A) and starter motor (12v,5kw)	
18	Essential accessories	<ul style="list-style-type: none"><li>a. High sensitive hydraulic system</li><li>b. Big rear tyres</li><li>c. Multi speed and reverse speed PTO</li><li>d. Adjustable sliding seats</li><li>e. Telescopic stabilizer bar</li><li>f. Neutral Safety Switch</li><li>g. Tap off connections for Tripping Trailer</li><li>h. Top link, canopy, hook</li><li>i. Seven point electric connection</li></ul>	

*[Signature]*  
2020/02/24

**Er. Niraj Kumar Sah**  
Lic. No.: 5500-A Mechanical

*[Signature]*  
2020/2/23



9	Lifting capacity	Lower line top with minimum 2000kg	
0	Instructions	All signs and instructions in the vehicle shall be in English.	
1	Manuals	Copy of the Operator's and Owner's instructions in English shall be supplied with each vehicle	
2	Tools	A set of tools as required for general maintenance shall be supplied with in a lockable tool box for each unit.	
3	Color	Standard color	
4	Proven performance	The Tractor offered shall be under standard production by the manufacturer and should be current model.	
5	Warranty	Manufacturer shall provide a minimum one year of warranty after acceptance.	
	Delivery	The unit 1 Tractor shall be delivered to: <b><u>Baragadhi Rural Municipality</u></b> <b><u>Khopwa, Bara</u></b>	

*[Signature]*  
2020/02/29

*[Signature]*  
2020/02/29

**Er. Niraj Kumar Sah**  
Regd. No: 6500-A Mechanical

बारागढी गाउँपालिका  
नेपाल