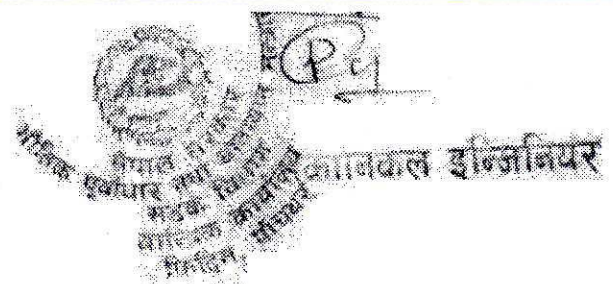


# Technical Specification

**Tractor 3500 cc ( $\pm 5\%$ ) With Drinking Water Tank and Trailer.**

**1 Units**

S.N.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	4 WD Drive model Tractor, suitable for working in Nepal at an altitude upto 2000 meter and in ambient temperature between -5 to 50 deg. centigrade. And it would be heavy duty worked in hill area .	Make: Model :
2	Engine	4-Stroke, 3500cc ( $\pm 5\%$ ) Water cooled DI diesel Engine, developing Minimum rated power output not less than 60 hp at governed RPM (engine fully equipped with accessories )	
3	Emission Standard	The Emission Standard of the vehicle shall comply with latest Nepal Vehicle Mass Emission Standard, which is to be certified by Department of Transport Management, Nepal.	
4	Gauges	To include speedometer, water temperature, fuel, oil pressure etc. as necessary for efficient operation and maintenance.	
5	Clutch	Double Diaphragm Dry Plate	
6	Transmission	Manual shift minimum Eight forward and three reverse, all forward & rear synchromesh.	
7	Hydraulic and Linkage	Live Hydraulic	
8	Operating capacity	3500 - 4000 Kg.	
9	Gross Weight	3145 kg. $\pm 5\%$	
10	Ground clearance	High ground clearance preferred 370-406.4mm	
11	Tires	Front: 7.5 X 24, Rear : 16.9X 28-30	
12	Steering	Power Steering	
13	Brakes	Oil bath multi disc type Mechanical operated , and parking brake,	
14	Chassis and frame	Steel, heavy duty, Trailer Toe . Front and rear balancing weighted .swing draw bar fitted,	
15	Instructions	All signs and instructions in the vehicle shall be in English.	



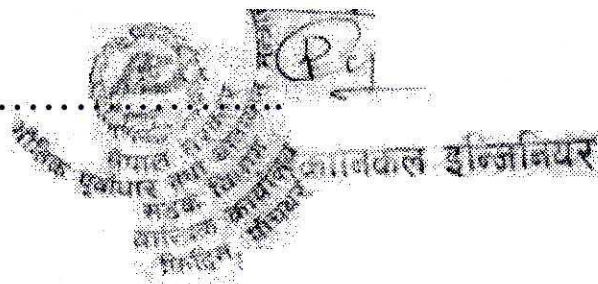


16	Manuals	One copy of the Operator's and Owner's Instructions in English shall be supplied with vehicle.	
17	Tools	A set of tools as required for general maintenance shall be supplied. Suitable Mechanical Jack.	
18	Color	Standard	
19	<b>Tractor Trailer Local &amp; Good Fabricated.</b>	<b>Hydraulic Dumping, Dumping mini capacity. 20 Ton</b> <b>Trailer Size : ( L*B*H* ) : 10 Ft. * 6 Ft.* 2Ft.</b> <b>Chasis Frame : 4 mm MS Plate Floor, 3.5 mm side Plate Side Plate ,</b> <b>Angle Frame- 50mm*50mm*8mm</b> <b>Axle Size : 90*90mm<sup>2</sup></b> <b>Hub Type : Standard Steel Hub</b> <b>Tyre size : 9-20 .</b>	
20	<b>Water Tank with water pump .</b> <b>Water filling and Distribution system attached pipe line with valve. operated and generated by Tractor Engine.</b>	<b>Tank capacity : 4000 Liters.</b> <b>Trailer size : Suitable to loading tank.</b> <b>Tank Body: Made by 5 mm MS Plate &amp; having Three or four partial chamber.</b> <b>Angle Frame- 50mm*50mm*8mm</b> <b>Axle Size : 90*90mm<sup>2</sup></b> <b>Hub Type : Standard Steel Hub</b> <b>Tire size : 9-20 .</b> <b>Water filling pump : Horizontal Centrifugal type.</b> <b>Suction pipe : Minimum 20 feet with suction valve attached.</b>	<b><u>Pump</u></b>  Made / Model :  Pump capacity:
21	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.	
22	Warranty	Manufacturer shall provide a <b>minimum of one-year warranty after acceptance.</b>	
23	Delivery	The Tractor with Trailer one units shall be delivered to: <b>Tumbewa Gaunpalika Office, Mouwa, Panchther.</b>	

**Note:**

The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid offer.

Bidder's Signature.....

  
मानविक इन्जिनियर

Date २०७५/०८/०९