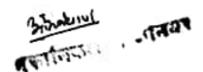
Technical Specification of Tractor



QTY:-1 Nos.

			Q111 NOS.		
S.N.	Criteria	Required Technical Specification	Offered Specification		
		Diesel Engine, Two Wheel Drive Tractor suitable for operating in rough and adverse condition in different Region of	Make: Model:		
1.	General	Nepal for various purposes. Ground Clearance should be minimum of 400 mm. Operating weight of vehicle shall not be less than 2000 kg.	Mfg. Year:		
2.	Engine	4-stroke, 3-cylinder, Water cooled diesel engine. Maximum power output not less than 45 HP at rated speed (RPM). Engine displacement not more than 3000 cc. Rotary type fuel injection pump highly preferred.	Make: Model:		
3.	Emission Standard	The emission standard of vehicle should be of Nepal Mass Emission Standards 2069. Higher emission standard more preferred.			
4.	Gauges	To include necessary gauges and meters for efficient operation & maintenance.			
5.	Clutch	Dual clutch preferred			
6.	Transmission	At least 6 Forward & 2 Reverse Gear. Constant mesh/synchromesh gear type.			
7.	Tyre	Standard Size suitable for operating in rough condition of Terrai Region of Nepal.			
8.	Steering	Power Assisted will be highly preferred.			
9.	Brake	Disc type oil/dry operated brake.			
10.	Chassis & Frame	Steel Heavy Duty			
11,	Wheel Base	Minimum 1800 mm			
12.	Fuel Tank Capacity	Minimum of 50 Litres.			
13.	Lifting Capacity	Minimum 2000 Kg.			
14.	Essential Accessories	Head lights Tail & Rear light & Turn signals.	- 1- 7-		



13.3

		 Standard tool set with Mechanical jack & Jack handles. One set of cultivator suitable to cultivate Terrai Region Land. One set of hydraulic attachment setup for hydraulic Trolley Joint. 	भीतारी
15.	Instructions	All signs & Instructions in the vehicle shall be in English.	
16.	Manual	One copy of operators and owners instructions in English shall be supplied with vehicles.	
17.	Color	Standard	
18.	Warranty	Manufacturer shall provide minimum warranty valid for one year after the date of acceptance.	
19.	Delivery Place	The tractor 1 unit should be deliver to: Rapti Rural Municipality office of Rural Municipal executive, Masuria, dang, Nepal.	

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 offered.

Prepared By:

Signature: American Signature: Om Bahadur Thapa

Designation: Mechanical Engineer

Office: Mechanical Office Ghorahi, Dang.

Approved By:



Cost Estimate for the Purchase of 2WD Tractor

The major technical specifications of the Tractor that is intended to be purchased by Rapti Rural Municipality, Office of the Rural Municipal Executive, Masuria are as follows:

1. Type: RHD, 2WD, Tractor

2. Power output at governed RPM: Not less than 45 HP

 Transmission: Manual shift, at least 6 forward and 2 reverse Constant Mesh/synchromesh type

4. Steering: Power steering will be highly preferred

5. Essential Accessories: As per stated on Technical Specification

6. Warranty: A minimum of one year warranty after acceptance

Based on the past experiences of procurement, enquiries recently made with suppliers, and budget allocated for the procurement of vehicle, the cost of the Tractor intended to be purchased having above technical specification is estimated as below:

S. No.	Description	Quantity	Unit Estimated Cost (in NRs.) (Including VAT and other taxes)	Total Estimated Cost (in NRs.) (Including VAT and other taxes)	Remarks
1.	RHD, 2WD Tractor	l unit	Appx. 15,00,000.00	Appx. 15,00,000.00	Estimated cost
			In words: Fifteen Lakhs only	In words: Fifteen Lakhs only	-

Prepared by:

by: & Towner

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Approved by:

Om Bahadur Thapa Mechanical Engineer Mechanical Office Ghorahi, Dang