



AECOM Consult Pvt. Ltd.

Kupondole, Lalitpur
Tel.No. 01-5555381

Regd. No. 136734/71/072
PAN No. 603508109



Date: 2075/09/19

Date:

Ref. To
The Chief Administrative Officer
Bardagoriya Rural Municipality
Office of Rural Municipal Executive
Muda, Kailali


Ref. Technical Specification of Tractor with Hydraulic trolley

Sir,

With reference to your letter Ref. 638/075/076, dated 2075/09/16 to prepare the specification of the vehicle required for Rural Municipality office, we found the vehicle with specification as follows shall be appropriate to convey / carry construction materials and solid waste and so deemed useful for the Rural Municipality office.

You are requested to take necessary action for this.

Technical Specification of Tractor and Hydraulic Trolley

S.N.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
2WD TRACTOR			
1	General	Right hand driven with Two Wheel Drive (2WD)	
2	Engine	Four stroke Three Cylinders Water Cooled Diesel Engine with engine displacement of (3000 - 3200) CC, developing maximum rated power output not less than 46 HP at governed RPM.	
3	Emission Standard	The Emission Standard of the vehicle should comply with the latest " Nepal Vehicle Mass Emission Standard ", which must be certified by Department of Nepal Transport Management.	



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4	Air cleaner	Oil bath type or dry	
5	Clutch	Dual clutch with minimum plate size of 260 mm	
6	Transmission	Manual shift, minimum 10 forward and 2 reverse gear with high and low speed selector, single dry plate type/ sliding and constant mesh type.	
7	Steering	Power assisted	
8	Brakes	Disc type , hydraulic operated on all wheels, and parking brake.	
9	Fuel Tank Capacity	Minimum 55 liters.	
10	Hydraulics and implement linkage	Hydraulic system with automatic position control, draft control and mixed controlled.	
11	Hydraulic lift pump	Gear type pump with delivery of at least 25 liters per minute at rated engine speed.	
12	Electrical Instruments	Battery (12V, 86 AH), Alternator (12V, 40A) and starter motor (12V, 2.5 kW)	
13	Lifting capacity	Lower line to top with minimum 1500 kg-f / 14715 N	
14	Essential Accessories	High sensitive hydraulic system Big rear tyres Multi speed and reverse speed PTO. Telescopic stabilizer bar Adjustable sliding seats Neutral safety switch Tap off connection for Tipping trailer Steering lock system	
15	Manuals	A set of standard manuals of manufacturer's publication shall be supplied with the Vehicle.	
16	Tools	A set of tools as required for general maintenance shall be supplied.	
HYDRAULIC TROLLEY (TRAILER)			



Sparks

17	Trailer/Cargo body	Length = 11 ft., Breadth = 6 ft. and Height = 3 ft	
18	Frame structure	Heavy Channel section of 200mm x 75 mm x 10mm. for main frame Lower channel section and 130mm x 60mm. x 10mm section for upper frame.	
19	Body materials	Cross members of channel section 80mm x 40mm x 5mm over upper frame.	
		Side broad M.S. sheet 10 SWG, Floor M.S sheet 8 SWG, Side supporting vertical angle section 50mm x 50mm x 5mm	
20	Type	Suitable for lifting loads using hydraulic system with Boom cylinder with capacity 15 to 25 ton with built hydraulic pipes, fittings and accessories.	
21	Axle	water proof 100mm x 100 mm in section	
22	Tyre size and numbers	1000.20 MRF 2 (two) in No. (1 at left and 1 at right)	
23	Instructions	All signs and instructions in the vehicle shall be in English.	
24	Color	Standard Color	
25	Proven Performance	The vehicle offered shall be under standard production by the manufacturer for at least one year with performance and Fuel consumption curve. a) The vehicle offered shall be of a current model under standard production by the manufacturer for at least one year. b) The bidder shall provide the manufacture's data of the performance of	



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		the vehicle viz. fuel consumption, performance curve of the engine etc.	
26	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
27	Delivery	The Pick Up 2 units shall be delivered to: Industrial Area Management Limited, Balaju, Kathmandu, Nepal	

Cost: NRS 20,00,000/- (Twenty Lakh Nepalese Rupee Only) for a unit

Sanjeev Karki

Prepared By:

Signature:

Name: Sanjeev Karki

Designation: Mechanical Engineer, NEC 1293 'A'

Office: AECOM Consult Pvt. Ltd, Kupondole, Lalitpur

