

Technical Specification for Procurement of Tipper Truck: 1 Unit

S.No.	CRITERIA	OFFICE REQUIREMENT	OFFERED SPECIFICATION
1	General	Right hand drive, Rear dump type tipping truck with minimum dump body capacity of 4.5 Cubic meter, hydraulic tipping system with tipping angle not less than 50 degree. Suitable for operation under rough working conditions and adverse climatic condition at operating altitude of 2500 m and ambient temperature.	Make: Model: Country of Origin:
2	Capacity	Gross vehicle weight shall not be less than 8500 Kg. Maximum climbing ability should not be less than 22%. Minimum ground clearance should not be less than 210 mm.	
3	Engine	Water cooled diesel engine, developing maximum power output not less than 110 HP and maximum torque should not be less than 330 N-m (engine fully equipped with accessories) at governed RPM for efficient full load operation of truck at operating conditions as stated in the bid documents, shall be equipped with direct electric starting system, heavy duty battery, heavy duty air cleaner and heavy duty fuel filter, fuel tank with water collection chamber and drain tap.	Make: Model:
4	Emission Standard	The Emission Standard of the offered vehicle, must be in compliance with or superior than the applicable standard as prescribed by 'Nepal Vehicle Mass Emission Standard' which is to be certified by Department of Transport management.	
5	Gauges	Gauges and meters as necessary for efficient operation and maintenance.	
6	Clutch	Single plate Dry friction type	
7	Transmission	Manual shift at least five forward and one reverse	
8	Axles	Front : Steel I section Rear : Heavy duty, Fully floating	
9	Suspension	Heavy duty semi elliptical leaf springs/Coil springs/ torsion bar/ shock absorbers at front and rear.	

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