

Technical Specification for procurement of TIPPER (Capacity 5 CUM ±5%)

S.N.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	Right Hand Drive, Rear dump type tipping Truck TIPPER , with 4x2 drive system with all steel rectangular body with totally flat bottom and sides reinforced to withstand impact of shovel loading, fitted with tailgate. Dump body complete with hydraulic tipping gear and standard equipment suitable for operating under rough working conditions and adverse climatic condition at operating altitude of 2500 m and ambient temperature varying between -5 to 50 degree centigrade.	Make: Model: Country of Origin:
2	Capacity	Dump body (cargo box) to have minimum capacity of 5 cu.m. (±5%) . Gross Vehicle weight of the vehicle shall not less than 9500 Kg and shall have seating capacity for at least 2 persons including driver.	
3	Engine	Water cooled diesel Engine, maximum rated power output not less than 125 PS and maximum torque not less than 400 NM at governed RPM with an efficient fuel injection system. The Engine shall be fully equipped with all necessary items/accessories and controlling devices for safe, smooth, efficient, economical operation including cold starting device, direct electric starting system, heavy duty battery, heavy duty air cleaner, heavy duty fuel filter, fuel tank with water collection chamber and drain tap.	Make: Model: Max Power: Max Torque:
4	Emission standard	The emission standard of the offerd vehicle must be in compliance with or superior than the applicable Standard as prescribed by " Nepal vehicle Mass Emission Standard 2069 " which is to be certified by Department of Transport Management.	
5	Gauges	To include Speedometer, Tachometer, Odometer, Water temperature, Oil Pressure, fuel, Battery charge indicator, Transmission gauge etc. as necessary for efficient operation and maintenance	
6	Clutch	Single Plate Dry Clutch	
7	Transmission	Manual shift, at least five forward and one reverse	
8	Axle	Front: Heavy duty forged I Beam Rear: Heavy duty Fully floating	
9	Ground Clearance	High ground clearance preferred, minimum 210mm	
10	Suspension	Semi Elliptical Leaf springs at front and rear.	
11	Tyres	Standard size	
12	Steering	Power assisted / Power steering	
13	Gradeability	Min. 40%	
14	Fuel Tank Capacity	Not less than 95 litre	
15	Brakes	Dual circuit Full S-cam Air Brakes, and parking brakes	
16	Cab	2 side doors, all metallic/FRB cab with insulated roof, laminated glass windscreen, wipers, glass windows on doors, comfortable seats for drivers and co-passengers. Floor mats, Two sun visors, rear view mirror, two side view mirrors.	

17	Chasis and Frame	Heavy duty section Steel channel	
18	Essential Accessories	<ol style="list-style-type: none"> 1. Head light, tail and rear light, reversing light & turn signals. 2. Cabin lights 3. One spare wheel with tyre and tube 4. Hydraulic Jack and Handle 5. Seat belt for driver and co-driver 6. Audio with AUX + USB <p>Equipped with all accessories offered in standard model but not limited to the above items.</p>	
19	Instructions	All signs and instructions in the vehicle shall be in English.	
120	Manuals	One copy of the Operator's and Owner's Instructions and Maintenance manual, spare parts catalogue and comprehensive workshop manual in English shall be supplied with the vehicle.	
21	Tools	A set of tools, with a tool box, as required for general maintenance shall be supplied.	
22	Color	Standard Color	
23	Proven Performance	The vehicle offered shall be under standard production by the manufacturer for at least one year with performance and fuel consumption curve.	
24	Warranty	Manufacturer shall provide minimum of one year warranty after acceptance.	
25	Delivery	<p>The RHD, Tipper Truck, 1 unit shall be delivered to:</p> <p style="text-align: center;">Baglung Municipality Office of the Municipal Executive Baglung District Gandaki Province, Nepal</p>	

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