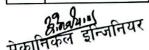
## TECHNICAL SPECIFICATION

OWNER:- LEKBESHI MUNICIPALITY, KALYAN (SURKHET) TIPPER TRUCK (Min. 7.5 cub. M.) - One Unit

S.N	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General Rear dump type tipping truck, right hand drive with 42 drive system with all steel rectangular body with totally f		Make:
		bottom and sides reinforced to withstand impact of shovel loading, fitted with tailgate.	Model:
		Dump Body (Cargo box) capacity of minimum 7.5 cu.m. with	Country of
		hydraulic tipping gear and standard equipment. Suitable for operation under rough working conditions and adverse climatic condition of Nepal.	Origin:
2	Capacity	Gross vehicle weight shall not be less than 16,000. Maximum climbing ability should not be less tan 35%. Minimum ground clearance should not be less than 225 mm	
3	Engine	Water cooled diesel engine, developing maximum power output	Make:
3	Liigine	not less than 130 KW and máximum torque should not be	
		less than 625 Nm (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	Model:
	THE RESERVE	battery, heavy duty air cleaner & heavy duty fuel filter, fuel tank	
		with water collection chamber and drain tap.	
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	Heavy duty disc type	
7	Transmission	Manual shift at least six forward and one reverse,  All forward synchromesh	
8	Axles	Front : Steel I section Rear : Heavy duty, Fully floating	
9	Suspension	Front: Heavy duty semi elliptical leaf springs with shock absorber sor equally suitable type Rear: Heavy duty multi leaf springs or equally suitable type	
10	Tires	Minimum 10.00X 20-16PR Front: single Wheel with tyre	
		Rear: dual Wheel with tyre	
11	Steering	Power Assisted/ Power Steering	
12	Brakes	S-Cam air brake with mechanical prking brake and engine	
12	Diakes	exhaust brake /Pneumatic dual circuit	
13	Cab	All steel cab with insulated roof, laminated glass windscreen, wipers, glass windows on doors, proper ventilated system, comfortable seats with separate adjustable seat for driver, sun visor, and suitably located hydraulic tipping gear controls	





14	Chassis and frame	Steel, heavy duty suitable for rough road conditions with toe-hook	
15	Essential Accessories	<ol> <li>Head light, tail and rear light and turn signals</li> <li>Cabin lights</li> <li>Front and rear two hooks</li> <li>Heavy duty front bumper</li> <li>Spare wheel with tire and tube</li> <li>Hydraulic jack (20 T) with handle</li> <li>Seat belt for driver and co-driver.         <ul> <li>Equipped with all accessories offered in standard model but not limited to the above items.</li> </ul> </li> </ol>	
16	Instructions	All signs and instructions in the equipment shall be in English	
17	Manuals	One Copy of the Operator's and Owner's instructions, maintenance manual in English shall be supplied with the vehicle.	
18	Tools	A set of tools as required for general maintenance shall be supplied with in a lockable tool box.	
9	Color	Standard Color	
20	Proven performance	<ol> <li>The machine offered shall be a current model under standard production by the manufacturer for at least one year</li> <li>The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine and production capacity of the unit.</li> </ol>	
21	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
22	Initial Service	The supplier shall provide with the equipment all the necessary filters and spare parts required for the first services, after the equipment has been commissioned and accepted.	
23	Delivery	The Tipper Truck, RHD - One unit shall be delivered to: Lekbeshi Municipality Office of the municipal executive Kalyan (Surkhet) Karnali Province, 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 offer.

Bidder's Signature	Date

Prepared By:
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Signature and date:स्कानिकल इन्जिनियर



