

Dump Truck

Ministry of Public Works and Housing is calling for the supply of brand new (Dump Truck)

QUANTITY REQUIRED (1).

MANUFACTURING YEAR (CURRENT YEAR OR ABOVE).

DELIVERY PERIOD not more than (210 days).

	Offered specifications
(DUMP TRUCK (capacity 6 m3), Drive train (4X2)	
Requirement of technical specifications	
Quantity required (1)	
Manufacturing year: current year or above	
Country of origin	
Delivery not more than 210 days	
1.CHASSIS	
1.1 ENGINE: Diesel euro 2 engine system, with not less than 11 hp/1000 kg of GVW. High speed control limit (according to Jordan traffic regulation.)	
1.2 GVW should be proper with the following equation (GVW = (Chassis Weight+TIPPER WEIGHT +500 Kg+weight of driver+ weight of fuel diesel+weight of crew)+ Payload .	
1.3 Net Payload should be not less than (9 m³).	
1.4 GEARBOX: Fully automatic OR Automated gearbox without clutch pedal with P.T.O, tipper control unit operated from driver cab with three positions, (Up, Down and Stop), by valve.	
1.5 STEERING L.H.D Power Steering.	
1.6 BRAKES: ABS: (Anti -lock Brake system) +ASR :(Anti-slip control)+EPS: (Electronic stability programme)+EBS:(Electronic brake system)+ Emergency Brake assist, exhaust brake system or equivalent	
1.7 TIRES: Single front, dual rear same size available in the local market spare Wheel and tire with carrier. Spare wheel and tire. The tire should be manufactured with not less than 18 month from Chassis manufacturing date. (on/off) road.	
1.8 CAB: Three passengers (2+driver), provided with air condition, Safety glass, heater, defroster. Ventilator. Adjustable driver seat, lockable doors. Not less than two side mirrors, two wipers and washers, floor mats , panel includes KM speedometer and tacograph in addition to standard gauges and controls. RPM gauge, seats belts, AM/FM radio.	

1.9 ELECTRICAL SYSTEM:	
(12-24)-volt electric system, Starter, alternator, and batteries, batteries in series headlights instruments system. Front, rear, and cab lights.	
Horn and back-up alarm, Beacon ... etc.	
2. TIPPER BOX: local manufacturing	
2.1 Net capacity 6 m ³ .	
2.2 Made of steel, connecting and mounting of the body on the chassis as per Trucks manufacturer recommendation	
3. HYDRAULIC SYSTEM	
3.1 Complete hydraulic system shall be well know made, (telescope cylinder, P.T.O, tipper control unit	
Operated from driver cab with three positions, (Up, Down and Stop), by valve, oil tank, control valves, brackets.	
4. SUB FRAME:	
4.1 6mm, thick U-steel channels, height not less than 180mm.	
5. PLATE FORM:	
5.1 6mm, steel sheets, supported by cold rolled U sections, I beam 10cm/18cm.	
6. SIDES:	
6.1 6mm, steel sheets, stiffened with U-steel channels thickness, 6mm.	
7. TAILGATE:	
7.1 6mm, steel sheets, stiffened with U-steel channels thickness 6mm, automatic locks for tipping.	
8. GRADEABILITY and STARTIBILITY	
8.1 Gradeability not less than 35% with full load.	
8.2 Startibility not less than 30%	
8.3 Rear axle ratio compatible with Jordanian mountain and flat areas.	
9. PAINTING:	
9.1 Sand blasting for all steel surfaces and components for better paint adhesion.	
9.2 One coat of anti-rust paint.	
9.3 Two coats of high quality paint.	
9.4 Painting: The color for chassis cab and superstructure is white.	

10. ACCESSORIES:	
10.1 Service manual and spare parts catalogue for each unit.	
10.2 Complete tool kit and fire extinguisher (10kg).	
10.3 Hydraulic jack (10 ton).	
10.4 Attached spare parts list, priced individually.	
10.5 All specification must be highlighted on catalogue.	
10.6 emergency stop	
10.7 Front and rear hook.	
10.8 Rear bumper.	
10.9 Muddguards with rubber flaps.	
10.10 Protection grills for rear lights.	
10.11 Spare wheel holder.	
11. GENERAL REQUIREMENTS	
11.1 Vehicles must be brand new and unused, having most recent updates and modifications.	
11.2 Confirmation from manufacturers of chassis and body builder that they are compatible with each other.	
11.3 Inspection certificate issued by a certified independent bureau.	
11.4 "Rear tow hooks manufactured from high-quality, corrosion-resistant steel, designed to sustain a pulling capacity of not less than 20 tons. Equipped with a secure locking mechanism to ensure safe operation, and easy to install without the need for welding."	
12. Warranty:	
12.1 Warranty against any defect caused by manufacturing reasons for the entire vehicle including chassis, superstructures and all other components –at least 2 years.	
12.2 Warranty for the tires, batteries - as per Manufacturers.	
13. MAINTAINCE.	
OIL AND FILLTERS FOR 2 YEARS included labor wages.	
14. Training	
14.1 Training shall be held in ministry of public works and housing / for two drivers and three technicians.	