



नेपाल सरकार
प्राथमिक विकास मन्त्रालय
सडक विभाग
यान्त्रिक महाशाखा
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कार्यालय कोड : ३३७०१३५२०

पत्र संख्या :- ४।०८३/८४

मिति:- २०८३/०४/२८

चलानी नम्बर :-

बिषय :- मुल्य खुलाई पठाईदिने सम्बन्धमा।

श्री सडक विभाग, चाकुपाट को आ.व. ०८३/८४ को लागि आवश्यक पर्ने यसै पत्र साथ संलग्न Initial Draft of Specification अनुसार विभिन्न Equipment हरू खरिद गर्नु पर्ने भएको हुँदा लागत अनुमान तयारी प्रयोजनको लागि Vat बाहेक प्रति इकाई मुल्य खुलाई पठाई दिनु हुन निर्देशानुसार अनुरोध छ।

तपशिल

सि.नं.	सामानको नाम	इकाई	अनुमानित परिणाम	प्रति इकाई मुल्य(भ्याट बाहेक)	जम्मा मुल्य(भ्याट बाहेक)	कैफियत
1	Walk Behind Roller	Pcs	15			
2	Mini Tipper Truck	Pcs	10			

Note : The supplier must fill the Initial Draft of Specification and submit the manufacturer's standard catalogue. Data missing from the catalogue must be declared in letter from the manufacturer.


दिपक शर्मा
सि.डि.ई

Technical Specification

Mini Tipper Truck

Qty: 10 Units

S. N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Rear dump type tipping truck, right hand drive system with all steel rectangular body with flat bottom and heavy-duty sides decks with tailgate. Suitable for operation in rough and tough hilly road terrains and in adverse climatic condition across Nepal	Make: Model: Country of Origin:
2	Engine	Water cooled diesel Engine, developing maximum power output not less than 70 kW (engine fully equipped with accessories) and maximum torque should not be less than 300 Nm, at governed RPM for efficient full load operation.	Make: Model:
3	Cab	Factory built standard 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.	
4	Tipper Body	Factory built Heavy Duty Type Dump body (cargo box) fitted with complete hydraulic tipping system for smooth tipping application	
5	Capacity and Performance	Cargo box Capacity: Minimum 2.5 to 3 m³ Gross Vehicle weight: should not be less than 5,400 kg Maximum climbing ability: should not be less than 25% Minimum ground clearance: should not be less than 185 mm	
6	Emission Standard	The emission standard of the offered tipper must be in compliance with or superior than the applicable latest Standard as prescribed by "Nepal Vehicle Mass Emission Standard-2082" which is to be certified by Department of Transport Management.	
7	Gauges	Gauges and meters as necessary for efficient operation and maintenance.	
8	Clutch	Single plate type	
9	Transmission	Manual shift at least five forward and one reverse , all forward synchromesh.	
10	Axles	Two Axles Front: Steel I section Rear: fully floating	
11	Suspension	Front: Semi Elliptical leaf springs with shock absorbers or equally suitable type. Rear: Semi Elliptical multi leaf springs or equally suitable type.	
12	Tires	Standard size Front: Single Wheel with tyre Rear: Dual Wheel with tyre	
13	Steering	Power Assisted/ Power Steering	
14	Brakes	Vaccum Assisted Hydraulic drum brake with mechanical parking brake.	
15	Chassis and frame	Heavy duty section channel steel	

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Technical Specification

Mini Tipper Truck

Qty: 10 Units

S. N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
16	Essential Accessories	1. Head light, tail and rear light and turn signals 2. Cabin lights 3. Front toe hooks 4. Heavy duty front bumper 5. Spare wheel with tire and tube 6. Hydraulic jack with handle To be equipped with all accessories offered in standard model but not limited to the above items.	
17	Instructions	All signs and instructions in the equipment shall be in English	
18	Manuals	1. One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with each Equipment 2. Ten hard copy and one electronic copy of following manuals in English shall be supplied with Equipment. i) Spare parts catalogue ii) Comprehensive workshop manual	
19	Tools	A set of tools as required for general maintenance shall be supplied with in a lockable tool bag for each unit	
20	Color	Standard Color/ Construction yellow	
21	Proven performance	1. The equipment offered shall be a current model (Make year should be 2025/2026) under standard production by the manufacturer for at least one year 2. 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.	
22	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
23	Delivery	The Mini Tipper Truck, RHD- 10 units shall be delivered to:	

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Technical Specifications

Walk Behind Roller

Qty:

15 Units

S. N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1.	General	Diesel engine driven, Walk-behind double drum Vibratory Smooth Steel Roller , with all operating controls mounted at the operating handle and allows for tight side clearance on both sides of rollers, suitable for soil, gravel and asphalt compaction applications and for operating conditions at altitude upto 3000 m (MSL) and in ambient temperature varying between -10 to 50 °C.	Make: Model: Country of Origin:
2.	Operating Weight	Not less than 600 Kg	
3.	Engine	Diesel engine developing maximum power not less than 4 kW at governed RPM for efficient operation of vibrating roller at different operating condition in actual working site. Electrical starting type.	Make: Model:
4.	Roller Performance	Smooth double drum steel roller Drum Diameter: Not less than 350 mm Drum working width: Not less than 600 mm Maximum Centrifugal Force: Not less than 11 KN Maximum Gradeability without vibration: Not less than 38(%) Maximum Vibration Frequency: Not less than 60 HZ Travel maximum Speed: Forward: Not less than 3 Km/hr Reverse: Not less than 2.5 Km/hr	
5.	Drive System	Hydrostatic system for both front and rear drum	
6.	Brake	Service Brake: Hydrostatic Parking Brake: Hydrostatic/ Hydraulic/ Mechanical	
7.	Frame	Steel with towing handle	
8.	Essential Accessories	• Water tank mounted on frame with connections for water sprinkling of roll. • Adjustable scraper, one on each outer side of roll. • Operation hour meter	
9.	Features	1. Vibration and throttle control on steering rod 2. Infinitely variable speed control 3. Height adjustable and low vibration steering rod 4. Single point lifting device	

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Technical Specifications

Walk Behind Roller

Qty: 15 Units

S. N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
10.	Instructions	All signs and instructions in the equipment shall be in English .	
11.	Manuals	1. One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with each equipment. 2. Two copies of following manuals in English shall be supplied: a) Spare parts catalogue; b) Comprehensive workshop manual.	
12.	Tools	A set of tools as required for general maintenance shall be supplied with in a lockable tool box for each unit.	
13.	Color	Orange / Construction equipment yellow.	
14.	Proven performance	1. The machine offered shall be a current model (make year should be 2025/2026) under standard production by the manufacturer for at least one year . 2. 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 machine's production capacity.	
15.	Warranty	Manufacturer shall provide a minimum of one-year warranty after acceptance .	
16.	Initial Service	The supplier shall provide with the equipment all the necessary filters and spare parts required for the first two services, after the equipment has been commissioned and accepted	
17.	Delivery	The double drum Vibratory Rollers, pedestal roller (Walk behind), units shall be delivered to: Department of Roads, Heavy Equipment Division, Kathmandu, Nepal	

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