नेपाल सरकार
भौतिक पूर्वाधार तथा यातायात मन्त्रालय
सडक विभाग
यान्त्रिक महाशाखा

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नेपाल सरकार भौतिक पूर्वाधार तथा यातायात मन्त्रालय सडक विभाग यान्त्रिक महाशाखा चाकुपाट, ललितपुर

पत्र संख्या :- ४।०८२/८३
चलानी नम्बर :- ३५६

मिति:- २०८२/०८/२९
ने.सं.:-११४६

बिषय :- मुल्य खुलाई पठाईदिने सम्बन्धमा।

सडक बिभाग, चाकुपाट ललितपुरको आ.व. ०८२/८३ को लागि आवश्यक पर्ने यसै पत्र साथ संलग्न Initial Draft of Specification अनुसार विभिन्न Tipper Truck (Mini Dumper) हरू खरिद गर्नु पर्ने भएको हुँदा 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	Tipper Truck (Mini Dumper)	Pcs	6			

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.

महेश कुमार पराजुली
सि.डि.ई

Government of Nepal
Ministry of Physical Infrastructure and Transport
Department of Roads
Mechanical Branch
Chakupat, Lalitpur

Technical Specifications

(4x2) RHD, TIPPER TRUCK (Mini Dumper) **Qty: 6 Units**

S. No	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	**Rear dump type tipping truck, right hand drive 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. Suitable for operation 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	Performance	**Gross Vehicle weight should not be less than 2,000 kg** **Payload should not be less than 1,000 Kg** **Maximum climbing ability should not be less than 30 %** **Minimum ground clearance should not be less than 170 mm**	
3	Engine	**Water cooled diesel Engine, developing maximum power output not less than 50 kW (engine fully equipped with accessories) and maximum torque should not be less than 140 Nm, at governed RPM** for efficient full load operation .	Make: Model:
4	Body and Dimension	**Dump body (cargo box) capacity of approx. 1.2 cu.m.** with hydraulic tipping gear and standard equipment. Side and rear deck should be **foldable and lockable** type. Dimension: Approx. 2500X1600X300	
5	Emission Standard	The emission standard of the offered vehicle 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.**	
6	Gauges	Gauges and meters as necessary for efficient operation and maintenance.	
7	Clutch	Disc type	
8	Transmission	**Manual shift at least five forward and one reverse**, all forward synchromesh.	
9	Suspension	Front: Anti roll bar/leaf springs with shock absorbers or equally suitable type. Rear: Semi Elliptical multi leaf springs or equally suitable type.	
10	Wheel and Tyres	Front: **2 wheels** with Standard Size Tyre Rear: **2 wheels** with Standard Size Tyre	
11	Steering	**Power Assisted/ Power Steering**	
12	Brakes	Hydraulic brake with mechanical parking brake. Front: Disc Rear: Drum	

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S.D.E.

13	Cab	**All steel cab (Factory Fitted)** with insulated roof, laminated glass windscreen, wipers, glass windows on doors, proper ventilated system, comfortable seats with separate adjustable seat for driver, sun visor. • **suitably located hydraulic tipping gear control and PTO control near to the operator.**	
14	Chassis and frame	Heavy duty section channel steel	
15	Essential Accessories	1. Head light, tail and rear light and turn signals 2. Cabin lights 3. Spare wheel with tire and tube 4. Hydraulic jack with handle **Equipped with all accessories offered in standard model but not limited to the above items.**	
16	Instructions	All signs and instructions in the equipment shall be in English	
17	Manuals	1. One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with each equipment 2. A copy of following manuals in English shall be supplied with equipment: i) Spare parts catalogue ii) Comprehensive workshop manual	
18	Tools	A set of tools as required for general maintenance shall be supplied with in a lockable tool box/tool bag for each unit	
19	Color	Standard Color/ Construction yellow	
20	Proven performance	1. The equipment offered shall be a current model 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.	

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