



रोल्पा नगरपालिका
नगर कार्यपालिकाको कार्यालय
लिबाङ, रोल्पा
५ नं. प्रदेश, नेपाल



प.सं./FY :- २०७५/०७६
च.नं./Ref. NO :

मिति/Date : २०७६/०१/०२४

विषय: शिलबन्दी प्रस्ताव पेश गर्ने सम्बन्धमा ।

यस कार्यालयलाई आवश्यक पर्ने निम्न बमोजिमको सवारी साधन सार्वजनिक खरिद ऐन, २०६३ को दफा ८ को उपदफा (१) को खण्ड (क) को उपखण्ड (८) तथा सार्वजनिक खरिद नियमावली, २०६४ (संशोधन सहित) नियम ३१(ख) बमोजिम उत्पादक कम्पनी वा त्यसको आधिकारिक विक्रेताहरु बीच मात्र प्रतिस्पर्धा गराउने (क्याटलग सपिड) विधिबाट खरिद गर्नुपर्ने भएकोले मिति २०७६/०१/०६ गते प्रकाशित सूचना अनुसार सुची दर्ता भएका कम्पनी/फर्महरुले यस कार्यालयबाट खरिद हुने तपसिलका सवारी साधनहरु उपलब्ध गराउनको लागि आवश्यक कागजातहरु सहित शिलबन्दी आर्थिक प्रस्ताव तथा मूल्य सुविधा छुट सम्बन्धी शिलबन्धि प्रस्ताव यस कार्यालयको स्पेशिफिकेशन बमोजिम ७ दिन भित्र पेश गर्न हुन अनुरोध छ । साथै सम्बन्धित खरिद कार्यको स्पेशिफिकेशन यसैसाथ संलग्न राखिएको व्यहोरा समेत जानकारीको लागि अनुरोध छ ।

तपसिल:

सि.नं.	सवारी साधनको प्रकार	साधारण स्पेशिफिकेशन	आवश्यक सवारी संख्या	कैफियत
१	4WD Tractor	Engine power not less than 55 HP.	1 (One Unit)	साधारण स्पेशिफिकेशनमा उल्लेख नभएको कुराहरु स्वीकृत Technical Specification बमोजिम हुनेछ ।
२	Suction Tank	Made with MS plate of thickness not less than 5 mm and capacity not less than 3000 L, Rotatory Vane Pump Jurop/Moro or equivalent.	1 (One Unit)	
३	Water Tank	Made with MS plate of thickness not less than 4 mm and capacity not less than 5000 L with water pump.	1 (One Unit)	

सावित्रा पुन थापा
(प्रमुख प्रशासकिय अधिकृत)

प्रमुख प्रशासकीय अधिकृत



Technical Specifications

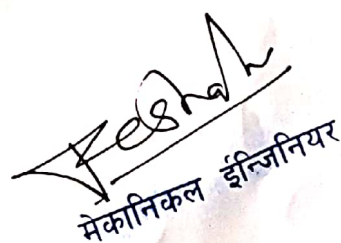
Tractor with Suction Tank and Water Tanker

Quantity: 1 Unit

S.N.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
A. Tractor			
1	General	Four Wheel Drive (4x4) heavy duty tractor should be suitable for operation in hilly roads and adverse climatic conditions at ambient temperature varying between -5 to 50 degree centigrade. Gross weight of tractor shall not be less than 2000 kg.	Make: Model: Country of Origin: Mfg. Year:
2	Engine	Water cooled diesel engine developing maximum output power not less than 55HP (engine fully equipped with accessories) at the governed speed for full load operation. Shall be equipped with cold starting device, heavy duty air cleaner, heavy duty fuel filter system, and direct electric starting system with heavy duty batteries.	Make: Model: Power:
3	Maximum Lifting Capacity	Not less than 2000 kg	
4	Minimum Ground Clearance	Not less than 400 mm	
5	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.	
6	Gauges	Gauges or meters as necessary for efficient operation and maintenance.	
7	Axles	Steel heavy duty I beam	
8	Transmission	Manual shift at least four forward and one reverse, constant mesh type.	
9	Steering	Power steering	
10	Brakes	Mechanical, dry disc or oil immersed and separate parking brake.	
11	Tyres	standard size	
12	Essential Accessories	Following accessories should be supplied with each equipment: a) Head light and turn Signals b) Front and rear tow hooks. c) Heavy duty front bumper. e) Hydraulic jack. Equipped with all accessories offered in standard model but not limited to the above items.	


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H. Suction Tank			
13	General	Suction tank to be used as gully emptier/safety tank/ drainage cleaner shall be designed and manufacture as per standards and sound engineering practice with advance & additional feature. All material used in fabrication / construction of the vehicle shall be new as per international standards.	
14	Tank	Cylindrical tank made of MS plate of thickness not less than 5mm and capacity not less than 3000 L mounted on heavy duty chassis in such a way that at any point of time, load will be distributed uniformly on the chassis.	
15	Chassis	Heavy duty chassis made from box of square/C angle of standard size including tool box and suction pipe stand at the bottom of the tank.	
16	Pump	Suitable Rotary Vane Pump Jurop /Moro or equivalent positive displacement type shall have a free airflow capacity of minimum 3000 LPM, Max Vacuum at least 90%, Max Pressure around 1.5 bar in built automatic lubricating system and others necessary arrangement as per standards.	Pump Make: Pump Model:
17	Gauges	Pressure gauge should be fitted on the top of tank at driver end.	
18	Valve	One nos 4" ball valve should be fitted on the rear bottom side of tank for suction and delivery, 2" ball valve between pumps and tank for creating suction or pressure and one nos 2" ball valve at rear portion of tank for water spraying.	
19	Axels	Single type axle made of 4" square bar.	
20	Tires	9.00 x 20.00 tires with tube	
21	Hub	Heavy duty steel hub 13-16 should be provided.	
22	Disc	Heavy duty single type disc should be provided	
23	Suction/Delivery Pipe	100mm dia. x 15 mtrs long made with Heavy duty PVC hose 50 mm dia. x 5 mtrs long made with Heavy duty	
24	Rear Door	Spanned dish end with knuckle radius hinged type openable rear door for changing purpose having airtight heavy duty rubber gasket.	
25	Shaft	Two nos of driving shaft made of pipe cross and coupling should be provided.	
26	Paint	Double coat of anti-acidic paint inside the suction tank and high quality anti rust paint on the outer side of tank.	
C. Water Tanker			
27	General	Trolley Mounted Water Tanker drive by tractor suitable for carry drinking water as well as road construction purposes shall be designed and manufacture as per standards and sound engineering practice.	
28	Tank	Cylindrical tank made of MS plate of thickness not less than 4 mm and capacity not less than 5000 L mounted on heavy duty chassis in such a way that at any point of time, load will be distributed uniformly on the chassis.	
29	Pump	Suitable pump should be fitted	

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30	Chassis	Heavy duty tractor trailer chassis made from box of square/C angle of standard size	
31	Valve	Suitable no of delivery valve of 2" or standard and water spraying at back of the tank.	
32	Tires	9.00 x 20.00 tires with tube	
33	Accessories	Accessories as per requirement for smooth operation of water tanker. Ladder provision on the back side of tank.	
34	Paint	Standard Colour	
35	Instructions	All signs and instructions in the equipment shall be in English.	
36	Manuals	One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with each equipment/vehicle	
37	Tools	A set of tools as required for general maintenance shall be supplied within a lockable tool box for both tractor and suction machine.	
38	Proven performance	The machine offered shall be a current model under standard production by the manufacturer for at least one year.	
39	Warranty	Manufacturers shall provide a minimum of one year warranty after acceptance on both Tractor and suction machine.	
40	Delivery	The tractor with suction machine shall be delivered to: Rolpa Municipality, Office of the Municipal Executive, Rolpa, Libang, Rolpa.	

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.....

प्रमुख प्रशासकीय अधिकारी

Prepared BY:

Ritesh Kumar Shah

Mechanical Engineer

NEC No.: 502 A Mechanical

Approved By:

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