



**Devchuli Municipality**  
**Office of the Municipal Executive**  
**Pragatinagar, Nawalparasi East**  
**Gandaki Province, Nepal**

**Invitation for Catalogue Shopping of Tractor, Silage balor and Accessories**

( date of publication 2079/11/18)

Devchuli Municipality, Nawalparasi East intends to procure a tractor, silage balor and accessories as listed on the table below, under the Catalogue Shopping Procedure as described on the Public Procurement Act, 2063. All eligible manufacturers or authorized dealers are invited to submit proposal with their catalogue containing technical data, aurorized specifications, quality, price including facilities . Proposal must submit within 7 (Seven) days of publication date during office hour at Office of the Municipal Executive of Devchuli Municipality. The manufacturers or authorized dealers must submit copies of firm registration certificate, business registration certificate, VAT and PAN registration certificate, tax clearance certificate until F/Y 2078/79, self declaration letter and the letter of manufacturer's authorization along with the application. If the last day fals public holiday, it is possible to be submit next day.

S.N.	General Specifications	Unit	Quantity	Remark
1	Supply and delivery of tractor with trolley	Pcs	1	As per approved technical specifications.
2	Supply, delivery and instalation of silage balor and accessories			
2.1	Silage balor	Pcs	1	
2.2	Accessories			
2.2.1	Mobile shredder	Pcs	1	
2.2.2	Static shredder	Pcs	1	
2.2.3	Hydraulic trolley	Pcs	1	

For any query and detailed specifications, please visit official website of Devchuli municipality <https://www.devchulimun.gov.np> or contact 9855053602.

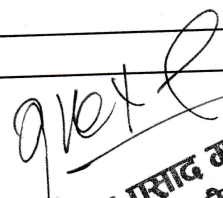
*9/11/18*  
**मोहन प्रसाद मरासिनी**  
प्रमुख प्रशासकीय अधिकृत



**Technical Specification for Procurement of Tractor, Implements, Silage balor and accessories .**

**1. Mobile Shredder**

CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
Number of Rows	1	
Length (mm)	2700 $\pm$ 50mm.	
Height with exhaust (mm)	2800 $\pm$ 50mm.	
Width (mm)	<b>Not less than 1800 00 mm</b>	
Weight (Kg)	660 $\pm$ 50 kg.	
Tyres	Metal Wheel 16X6.5	
3 Point hitch	Cat-II	
PTO RPM	<b>540</b>	
Minimum Suitable power of Tractor(HP)	$\geq$ 45 HP	
Exhaust Direction	<b>360 degree Adjusted Manually</b>	
Chopping Knives	$\geq$ 12	
Cutting Knives	Minimum 2	
Chopping Length (mm)	<b>5 <math>\pm</math>3</b>	
Capacity	Not less than 5 Tonne / Hour	
Instructions	All signs and instructions in the vehicle shall be in English.	
Manuals	One copy of the Operator's and Owner's Instructions in English shall be supplied with each vehicle.	
Tools	A set of tools required for general maintenance shall be supplied.	
Proven performance	The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption and performance curve of the engine.	
Warranty	The manufacturer shall provide a minimum of one-year warranty after acceptance.	
Initial Service	The supplier shall provide the machinery with all the necessary filters and spare parts required for the first one service, after the machineries has been accepted.	
Offered price :		


  
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## 2.Static Shredder

CRITERIA	REQUIREMENT				OFFERED SPECIFICATION
Item Name	Metal Type	Thickness (mm)	Qty.	Dimension L x W x H (mm)	
Static shredder				1930*1473*4191 (±50) mm.	
Hopper	M.S. plate	2 - 5	1	975 x 661 x 465 (±50) mm.	
Heavy Duty Fly Wheel	SG iron 500/7	8	1	Dia. (620 x 128) ±10mm.	
Blades	Tungsten Coated Boron Steel	7	6 / 12	270 x 88 x 25(±10mm.)	
Blade Sharpening Device	M.S. plate & A-60	5 & 17	1	Dia. (285 x 29)	
Fabrication for Motor Mount (Material, Gauge and Dimension)	Mild steel	4mm	1	1828*760*1422*660(±50 mm.)	
Chute Size	M.S. plate	2 to 8	1	590 x 465 x 468(±25 mm.)	
Shredder Weight				Maximum 600±25 Kg	
Gross Unit Weight (Shredder Fabricated Frame - Motor)				Maximum 780 ±25Kg	
Per Hour Chopping Capacity				Minimum 4.5 Tonne / Hr Depends on material	
Motor-15 HP, 1400 RPM				3 phase power connectivity	
Instructions	All signs and instructions in the vehicle shall be in English.				
Manuals	One copy of the Operator's and Owner's Instructions in English shall be supplied with each vehicle.				
Tools	A set of tools required for general maintenance shall be supplied.				
Proven	The bidder shall provide the manufacturer's data of the				

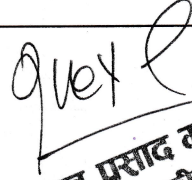
  
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performance	performance of the unit to include the fuel consumption and performance curve of the engine.	
Warranty	The manufacturer shall provide a minimum of one-year warranty after acceptance.	
Initial Service	The supplier shall provide the vehicle with all the necessary filters and spare parts required for the first one service, after the machinery has been accepted.	
Offered price :		

### 3. Silage baler

CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
Kerb Weight	1450±100 kg.	
Capacity of Hopper	200 kg±10 kg.	
Size of chamber (L x H)	500 mm x 500 mm (±20 mm.)	
Chamber width	500 mm (±20 mm.)	
Conveyor size	3000 mm x 500 mm with chain on both sides (6000 mm)	
Conveyor stand dimension	640 mm x 470 mm x 720 mm(±20mm.)	
Conveyor side plates	2775 mm x 225 mm (±50 mm)	
Internal film shaft length	550 mm ±25 mm.	
External film shaft length	370 mm±25	
Operation System	Hydraulic	
Power Source	3-Phase 5 HP- electric motor	
Hydraulic Tank Capacity	Not less than 120 L	
Machine Output (bales/hr)	18-32 bales per hour	
Machine Output (in MT) *	Not less than 20 MT per day	
Bale Dimensions	490 x 490 ±20 mm.	
Bale Weight	50-90 kg (Depends upon the moisture of raw material)	
Compaction Density	625 ±50 kg/m <sup>3</sup>	
Ground clearance	Not less than 190 mm	
Offered price :		

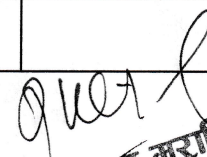
  
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#### 4. Tractor



CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
General	Farm Tractor, Four Wheel drive, suitable for farm work driving giving smooth economic performance and in suitable for hilly area in Nepal <b>Ground Clearance should be minimum 400 mm. Total weight of vehicle shall not be less than 2000 kgs.</b>	
Engine	<b>4-Stroke, min 3 cylinders water cooled Diesel Engine, developing Maximum rated power output not less than 55 HP category at rated rpm, Rotary type fuel injection pump will be highly preferred.</b>	
Gauges	To include speedometer, water temperature, as necessary for efficient operation and maintenance.	
Clutch	Dual clutch (diaphragm Clutch / Dry type) or suitable for Transmission.	
Transmission	Manual shift at least eight forward and two reverse gears (Constant mesh / Synchromesh gear mesh type)	
Chassis and Frame	Steel heavy Duty with toe-hooks.	
Hydraulic Lifting capacity	<b>Not less than 1400 kgf</b>	
Fuel tank	More than 60 litres.	
Air cleaner	Oil Bathed /Dry type	
Cooling System	Water cooling	
Weight	<b>More than 2000 Kg</b>	
Wheelbase	Minimum 2000mm.	
Tires	Standard size suitable for operation in hilly area too.	
Hitching system	3 Point hitching system	
Steering	Power Steering	
Brakes	Suspended type / Oil immersed brake	
Essential Accessories	1. Head light, reversing light and turn signals 2. Speedometer / odometer, Standard tool set with jack and handle. 3 Equipped with all accessories offered in standard model but not limited to the above items. The accessories / features supplied with the tractor shall be as per manufacturer's standard.	
Instructions	All signs and instructions in the vehicle shall be in English.	

  
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Manuals	One copy of the Operator's and Owner's Instructions in English shall be supplied with each vehicle.	
Tools	A set of tools as required for general maintenance shall be supplied.	
Color	Standard colour	
Proven performance	The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine.	
Warranty	Manufacturer shall provide a minimum of <b>Two-year</b> warranty after acceptance.	
Initial Service	The supplier shall provide the vehicle all the necessary filters and spare parts required for the first two services, after the vehicle has been accepted.	
Offered price :		

#### 5. Hydraulic trailer

CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
General	Hydraulic trailer of minimum size (L*B*H) <b>10*6*2.5 feet</b> with 1.5 feet extension of height with rear tire size 9.00-16.00 to be provided	
Chassis	Chassis specification to be made from <b>150*75 MS</b> channel section.	
Trailer material	Trailer floor should be made from 4 mm MS plate and Trailor side plates should be made from 3.55 mm MS plate with 50mm*50mm*8mm angle frame.	
Axle	Axle size should be 90*90 mm square and steel hub should be provided.	
lift	Should have proper hydraulic boom to lift to minimum 20 ton.	
Other	Enamel paint double coat of standard colour should be done after initial red oxide priming all over trailer.	
Offered price :		

#### Note :

- The supplier must be delivered all item to Devchuli Municipality, ward number 16, Rajhar Nawalpur .
- The supplier must be installed/fitting machinery parts as office required.
- The supplier authorized person must be signed and stamp each page of specification.

9/10/20  
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