



देवचुली नगरपालिका
नगर कार्यपालिकाको कार्यालय,
प्रगति नगर, कैलाली प्रदेश (ब.सु.पु.)
गण्डकी प्रदेश नेपाल

क्याटलग सपिङ्ग विधिबाट साइलेज उद्योग सम्बन्धी मेसिन तथा उपकरण र अन्य कृषि यान्त्रिकरण सामान खरिदको
शिलबन्दी प्रस्ताव आह्वानको सूचना

प्रथम पटक प्रकाशित मिति : २०७६/६/१८

यस कार्यालय र मुख्य मन्त्री तथा मन्त्रिपरिषद्को कार्यालय गण्डकी प्रदेश बीच भएको नवप्रवर्तन साभेदारी कार्यक्रम अन्तर्गत साइलेज उद्योग स्थापना गर्न उद्योगसंग सम्बन्धित कृषि यन्त्र तथा उपकरणहरू सार्वजनिक खरिद ऐन २०६३ (पहिलो संसोधन २०७३) को दफा ८ को उपदफा १(क) (८) तथा सार्वजनिक खरिद नियमावली २०६४ (चौथो संसोधन) को नियम ३१ (ख) बमोजिम उत्पादक कम्पनि वा सोको आधिकारिक विक्रेताहरू बीच मात्र प्रतिस्पर्धा गराउने (क्याटलग सपिङ्ग) विधिबाट खरिद गर्नुपर्ने भएकोले सार्वजनिक खरिद नियमावली २०६४ को नियम ३१ (ख) को उपनियम २ अनुसार उत्पादकको आधिकारिक स्पेशिफिकेशन, गुणस्तर र कम्पनीको आधिकारिक मूल्य खुल्ने कागजात (क्याटलग वा ब्रोसर) संलग्न राखि इजाजत प्राप्त उत्पादक कम्पनी वा त्यसको आधिकारिक विक्रेताहरूले आफ्नो फर्म/कम्पनी दर्ता, प्यान/भ्याट दर्ता, एजेन्सी दर्ता प्रमाणपत्र, Letter Of Authorization र आ.व. २०७७/०७८ सम्मको कर चुक्ता प्रमाण पत्रको प्रमाणित प्रतिलिपिहरू तथा फर्म/कम्पनीको अनुरोध पत्र सहित कार्यालयले उपलब्ध गराएको स्पेशिफिकेशन (नगरपालिकाको वेब साइटबाट बाट डाउनलोड गर्न सकिनेछ) भरी सूचना प्रकाशित भएको मितिले पन्ध्रौं दिन (२०७६ माघ २ गते) को कार्यालय समय भित्र शिलबन्दी प्रस्ताव दर्ता गराउन हुन सम्बन्धित उत्पादक वा आधिकारिक विक्रेताको जानकारीको लागि यो सूचना प्रकाशित गरिएको छ । यस संग सम्बन्धित विस्तृत जानकारी नगरपालिकाको Web Site www.devchulimun.gov.np मा रहेको सूचनाबाट हेर्न सकिनेछ ।
सार्थ ६८५५०५३६०२ मा सम्पर्क राख्न सकिनेछ ।

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Technical Specification of Silage plant and other Agriculture machinery items

1. Rotavator : 1 pcs

Particulars	Purchaser Requirements	Offered Specification
Length (mm)	1950	
Width (mm)	1020	
Height (mm)	1050	
Working width (mm)	1670	
Tractor HP	35	
Hitch category	CAT- II	
No. of blades (J- type)	72	
Gearbox type	Multigear	
Side transmission type	Gear drive	
Max. working depth	150	
Rotor diameter with blades	430	
PTO safety device	Shear bolt type	
PTO	540/1000	
Weight (Kg)	425	

2. 3 row maize precision planter : 1 pcs

Particulars	Purchaser Requirements	Offered Specification
Overall Dimension (L*W*H)(mm)	1500×1600×1200	
Total Weight(kg)	270	
Working width(cm)	165	
Matched Power(HP)	≥30	
Planting rows	3	
Rows space(cm)	55(adjustable)	
Seed-metering device	spoon-tray type	

3. Wrapping Film : 2000 kg

Particulars	Purchaser Requirements	Offered Specification
Width	250 mm/ 520 mm	
Thickness	25 µm	
Weight	9-10 kg/roll (approx.)	

4. Wheel Cart : 2 pcs

Particulars	Purchaser Requirements	Offered Specification
Capacity	100 kg	
Weight	15 kg (approx.)	
Wheel	2 x 8.5 (2Nos.)	

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5. Single row power weeder :1 psc

Particulars	Purchaser Requirements	Offered Specification
Engine	7HP (Diesel/ Petrol)	
Transmission	Gear/Belt drive	
Start Model	Manual/ Electric starter	
Weight	120/164 kg	
Working Width	500mm	
Working Depth	≥100mm	
Size of wheel	400-8/350-6	
Adjustment of handle bar	360 degree horizon & 45 degree vertical	
Fuel Consumption	≤10kh/ha	
Fuel Tank	5L	
Working efficiency	0.1-0.2 acre/h	
Working speed	>0.3 m/s	
Package Size	79*45.4*86 cm	

6. Mobile Shredder :1 pcs

Particulars	Purchaser Requirements	Offered Specification
Number of Rows	1	
Length (mm)	2700	
Height with exhaust (mm)	2800	
Width (mm)	2000	
Weight (Kg)	660	
Tyres	Metal Wheel 16X6.5	
3 Point hitch	Cat-II	
PTO RPM	540	
Required Power (HP)	45+	
Exhaust Direction	3600 Adjusted Manually	
Chopping Knives	12	
Cutting Knives	2	
Chopping Length (mm)	5	
Capacity	6 Ton/Hour	

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7.Static shredder :1 pcs

Particulars	Purchaser Requirements				Offered Specification
Item Name	Metal Type	Thickness (mm)	Qty.	Dimension L x W x H (mm)	
Static shredder		1	1930*1473*4191		
Hopper	M.S. plate	2 / 3 / 5	1	975 x 661 x 465	
Heavy Duty Fly Wheel	SG iron 500/7	8	1	Ø620 x 128	
Blades	Tungsten Coated Boron Steel	7	6 / 12	270 x 88 x 25	
Blade Sharpening Device	M.S. plate & A-60	5 & 17	1	Ø285 x 29	
Fly Wheel Bearings	SAE52100/SUJ2	-	2 1	Ø85 x Ø45 x 20.75 Ø85 x Ø45 x 23	
Fabrication for Motor Mount (Material, Gauge and Dimension)	Mild stell	4mm	1	1828*760*1422*660	
Chute Size	M.S. plate	2 / 8	1	590 x 465 x 468	
Shredder Weight				600 Kg	
Complete Unit Weight(Shredder Fabricated Frame - Motor)				780 Kg	
Per Hour Chopping Capacity				5 ton/Hr Depends on material	
Motor-15 HP,1400 RPM				3 phase power connectivity	

8.Weighing balance 200 Kg : 2 pcs

particulars	Purchaser Requirements	Offered Specification
Type	electronic platform scale	
Capacity/accuracy	200kg/75g	
Display	LED	
Keyboard	25 keys with 7 memories pre-set unit price	
Weight units	KG	
Power supply	AC:110/220V (±10%) or DC: 4V/4Ah rechargeable battery	
Battery	rechargeable 4V/4AH	
Pan	stainless Iron	
Tare Range	100% of full scale capacity	
Operating temperature	0°C~40°C (32°F-104°F)	
Working humidity	10%<RH<85%	
Platform size	45*60cm	

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9. Jab Planter : 5 pcs

Particulars	Purchaser Requirements	Offered Specification
N.W:	2.5 kgs	
Size:	81×41×43 cm	
Seeding Number:	1-3 Seeds	
Capacity:	2.5 kgs	

10. Silage baler : 1 pcs

Particulars	Purchaser Requirements	Offered Specification
Kerb Weight	1500 kg	
Capacity of Hopper	200 kg	
Size of chamber (L x H)	500 mm x 500 mm	
Chamber width	502-505 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	
Conveyor side plates	2800 mm x 250 mm	
Internal film shaft length	560 mm	
External film shaft length	380 mm	
Operation System	Hydraulic	
Power Source	3-Phase 5 HP electric motor	
Hydraulic Tank Capacity	120 L	
Machine Output (bales/hr)	20-30 bales per hour	
Machine Output (in MT) *	20-25 MT per day	
Bale Dimensions	500 x 500 mm	
Bale Weight	60-80 kg (Depends upon the moisture of raw material)	
Compaction Density	650 kg/m ³	
Ground clearance	200 mm	

11. Disc Harrow : 1 pcs

Particulars	Purchaser Requirements	Offered Specification
Weight	375 kg	
Disc Diameter	20-22 inch	
No. Of Disc	14 Disc	
Surface Finishing	Color Coated	

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12.Corn Cutter : 5 pcs

Particulars	Purchaser Requirements	Offered Specification
Engine power	43 CC	
Fuel	Petrol	
Type	Walk Behind	
Cutting width	Single row	
No. of Blades	1	
Cutting Speed	8000.M	

13.Dry Land Weeder : 5 pcs

Particulars	Purchaser Requirements	Offered Specification
Overall Dimensions (L x W x H)	1530x80 x120mm	
power source	manual	
Number of rows	1	
Weeding mechanism	Push Pull action	
Number of blades/fingers	4	
wheel rim diameter	-	
Wheel base	-	
width of cut	15 cm	
Weight of unit	3 kg	
Soil cutting depth	40 mm	

14.power Weeder : 2 pcs

Particulars	Purchaser Requirements	Offered Specification
Overall Dimensions (L x W x H)	1800x600 x1100mm	
power source	1.03KW engine	
Number of rows	1	
Weeding mechanism	Rotary blade	
Number of blades/fingers	6	
wheel rms diameter	40 cm	
Wheel base	40 cm (adjustable)	
width of cut	12.16 & 18cm	
Weight of unit	38.4 kg	
Soil cutting depth	40 -50mm	

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15.Cultivator : 1 pcs

Particulars	Purchaser Requirements	Offered Specification
No Of Tynes	9 Tynes	
Working Width	1860 mm	
Suitable HP Range	35 hp & Above	
Type of Mounting	3 Point Linkage	
Overall Length	2000 mm	
Overall Width	870 mm	
Total Approx. Weight	265 kg	
Shovel Points (Reversible)	63 mm	
Overall Height	1000 mm	

16.MB Plough : 1 pcs

Particulars	Purchaser Requirements	Offered Specification
Weight	250 kg	
Material	Mild Steel Iron	
Usage/Application	Cutting the furrow slice , lifting the soil , turning the furrow slice and , pulverising the soil	
Working Width	12 inch	
Width	813 mm	
Surface Finishing	Color Coated	

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17. Rotary Seeder : 3 pcs



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particulars	Purchaser Requirements	Offered Specification
Model	BYM-1	
Planting mouth Material	Stainless steel	
Seed space	10-80 cm	
Planting depth	65 mm	
Planting mouths number	16 pcs	
Outsize	600*600*300 mm	
Weight	15 Kg	

18. Tractor with trolley : 1 pcs

S. No.	Description	Purchaser Requirements	Offered Specification
1.	Model		
	Model / type	2022	
	Displacement volume capacity	3450 cc. to 3650 cc.	
	Steering	Right hand driven Power Steering	
	Emission Standard	Should be "Vehicle mass emission standard" of Nepal.	
2.	Engine	4 cylinder, 4 stroke Diesel engine, water cooled, Oil cooled with engine output	
	Output at rated r.p.m.	55 H.P. to 60 h.p. with rated engine speed at governed rpm.	

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3.	Air cleaner	Oil bath type or dry type	
4.	Transmission	Heavy duty with single dry plate type or Sliding mesh or Mechanical Synchromesh	
	Gear	15 forward and 3 reverse gear with high and low speed selector optional.	
	Clutch	Dual Diaphragm Type	
	Wheel Drive	2WD	
5.	Brake	Heavy duty Mechanical, self energizing and Oil Emerge Multi Disc	
6.	Steering	Heavy duty Power steering	
7.	Tyre	Front:- 7.5 – 16 (+ / - 1 %) Rear:- 16.9 – 28 (+ / - 1 %)	
8.	Lifting capacity	At Least 2200 kg.	
9	Instruments	Engine r.p.m. with Direction indicators as well as hour meter, fuel guage. A-meter, water temperature gauge and oil pressure gauge.	
10.	Features	High sensitive hydraulic system, Big rear tyres Multi speed and reverse speed P.T.O. Telescopic stabilizers bar Tap off connection for Tipping trailer Steering lock system	
11.	Tools	A set of tools as required for general maintenance shall be supplied	
12.	Manuals	One set of workshop manual / service manual / parts catalogue	
13.	Delivery	The Tractor should be delivered to Devchuli Municipality, Nawalpur	

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Hydraulic Trolley

S.No.	Criteria	Purchaser Requirements	Offered Specification
1.	Trailer Cargo body	Length = 11 ft., Breadth = 6 ft. and Height = 3 ft.	
2.	Frame structure	Heavy Channel section of 200 mm x 75 mm x 10 mm. for main frame Lower channel section and 130 mm x 60 mm. x 10 mm section for upper frame.	
3.	Body materials	Cross members of channel section 80 mm x 40 mm x 5 mm over upper frame Side board M.S. sheet 10 SWG, Floor M.S sheet 8 SWG , Side supporting vertical angle section 50 mm x 50 mm x 5 mm	
4.	Type	Suitable for lifting loads using hydraulic system with Boom cylinder with capacity 15 to 25 ton with built hydraulic pipes, fittings and accessories	
5.	Axle	Water proof 100 mm x 100 mm in section	
6.	Tyre size and numbers	1000.20 2 (two) in no. (1 at left and 1 at right)	
7.	Warranty	Minimum 1 year.	
8.	Delivery	One unit Tractor with Hydraulic trailer	

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.

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