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लालीगुराँस नगरपालिका
LALIGURANS MUNICIPALITY
नगर कार्यपालिकाको कार्यालय
OFFICE OF THE MUNICIPAL EXECUTIVE

बसन्तपुर, तेह्रथुम, कोशी प्रदेश, नेपाल (BASANTAPUR, TEHRATHUM, KOSHI PROVINCE, NEPAL)

प.सं. २०८२/०८३

च.नं.



मिति: २०८३/०३/०२

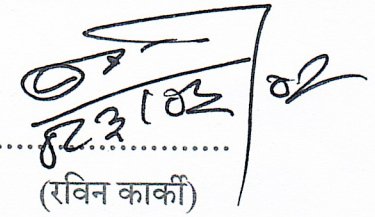
श्री सम्बन्धित आपूर्तिकर्ता सबै ।

विषय – दररेट उपलब्ध गराईदिने बारे ।

प्रस्तुत विषयमा लालीगुराँस नगरपालिका, तेह्रथुमको आ.व. २०८२/०८३ को स्वीकृत बजेट तथा कार्यक्रममा समाविष्ट नेपाल सरकारको विशेष अनुदान मार्फत प्राप्त "नगरको खुशी, रैथाने कृषि" प्रवर्द्धन कार्यक्रम" अन्तर्गत जैविक तथा प्राङ्गरिक मल उत्पादन गर्ने स्थानीय कारखाना स्थापना गर्न मेसिन/उपकरण खरिद कार्यका लागि लागत अनुमान तयार पार्नु पर्ने भएको हुदा तपशिल अनुसारको सामाग्री मिति २०८३/०३/०४ गते (३ दिन) भित्र नगरपालिकाको कार्यालयमा सोझै वा नगरपालिकाको इमेल laliguransnagarपालिका@gmail.com मा दररेट उपलब्ध गराईदिनुहुन हार्दिक अनुरोध गर्दछु ।

तपशिल

क्र स	विवरण	स्पेसिफिकेसन	प्रति एकाई मूल्य रु (मु.अ.क. बाहेक)	मु.अ.क. रु	जम्मा प्रति एकाई मूल्य रु
१	shredder machine	सम्लग्न			
२	compost screening machine	स्पेसिफिकेसन अनुसार			
३	pulveriser				


०३/०३/२०८३
(रविन कार्की)

प्रमुख प्रशासकीय अधिकृत
रविन कार्की
प्रमुख प्रशासकीय अधिकृत

Bhabi Engineering Solutions Pvt.Ltd.
Sundar haraincha -01 morang



Technical Specification
For
Supply, Delivery and Installation of
Equipments.

Submitted to:



Laligurans Municipality
Office of Municipal Executive

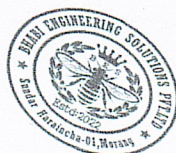
Basantapur , Terhathum
Koshi province, Nepal

June, 2026

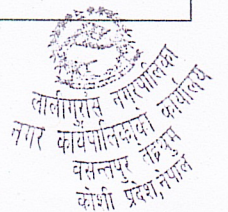
1. Shredder machine

S.N.	Technical Parameters	Required Specification	Offered Specification
1	Machine Name	Leaf Litter & Grass Processing (Shredding/Cutting) Machine	
2	Machine Type	Organic Waste / Grass Cutting & Processing Machine	
3	Application	Suitable for shredding, cutting, and processing leaf litter, grasses, crop residues, and organic waste for compost preparation and biomass management	
4	Overall Length	Approximately 1219 mm (4 ft)	
5	Overall Width	Approximately 610 mm (2 ft)	
6	Overall Height	Approximately 762 mm (2.5 ft)	
7	Machine Structure	Heavy-duty mild steel frame with anti-rust and durable paint coating	
8	Power Source	AC Electric Supply	
9	Motor Capacity	Minimum 5 HP Electric Motor	
10	Motor Type	Single Phase Motor	
11	Operating Voltage	220-240 V, 50 Hz, Single Phase	
12	Cutting Mechanism	Rotary Blade Cutting System	
13	Number of Cutting Blades	Minimum 5 Nos.	
14	Blade Material	High Carbon Steel or equivalent wear-resistant material	
15	Transmission System	Gear-driven Transmission Mechanism	
16	Number of Gears	Minimum 4 Nos. Gear Set	
17	Feeding System	One Set Manual/Semi-Automatic Feeding Hopper	
18	Conveyor System	One Set Conveyor for feeding or discharge of processed material	
19	Production Capacity	1,000-2,000 kg/day (depending on material type, moisture content, and operating conditions)	
20	Discharge System	Continuous discharge outlet for processed material	
21	Safety Features	Protective guards for blades, gears, belts, and rotating parts; emergency stop provision	
22	Noise & Vibration	Low vibration operation with balanced rotor assembly	
23	Machine Mobility	Provision for easy movement/handling (if applicable)	
24	Electrical Protection	Motor overload protection and proper electrical wiring	
25	Installation	Complete installation, testing, and commissioning at site	
26	Accessories	All standard accessories required for operation and maintenance	
27	User Manual	Operation and Maintenance Manual in English/Nepali	
28	Warranty	Minimum 1-year warranty against manufacturing defects	

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2. Compost screening machine

S.N.	Technical Parameters	Required Specification	Offered Specification
1	Machine Name	Compost Screening Machine	
2	Machine Type	Rotary / Vibratory Compost Screening Machine	
3	Application	Suitable for screening compost fertilizer and separating fine compost from oversized particles, stones, and undecomposed materials	
4	Overall Length	Approximately 1981 mm (6.5 ft)	
5	Overall Width	Approximately 914 mm (3 ft)	
6	Overall Height	Approximately 1524 mm (5 ft)	
7	Main Screening Area	Approx. 1219 mm × 610 mm (4 ft × 2 ft)	
8	Secondary Screen Panels	Approx. 610 mm × 610 mm (2 ft × 2 ft)	
9	Screen Type	Interchangeable Mesh Screen System	
10	Mesh Material	Mild Steel (MS) and/or Galvanized Iron (GI) Mesh	
11	Mesh Size	Replaceable and customizable as per user requirement	
12	Power Source	AC Electric Supply	
13	Motor Capacity	Minimum 2 HP Electric Motor	
14	Motor Type	Single Phase Motor	
15	Operating Voltage	220–240 V, 50 Hz	
16	Drive Mechanism	Belt & Pulley System or Direct Coupling Drive	
17	Machine Body Material	Heavy Duty Mild Steel (MS)	
18	Frame Structure	Rigid Welded Steel Frame Construction	
19	Surface Finish	Anti-rust Coating with Industrial Grade Paint Finish	
20	Feeding System	Manual Feeding Arrangement and/or Hopper Feeding System	
21	Working Mechanism	Screening compost through mesh for separation of fine and oversized materials	
22	Output Capacity	Approx. 300–500 kg/hour (depending on compost moisture content and particle size)	
23	Product Separation	Fine compost and oversized particles discharged separately	
24	Mobility	Optional 2 or 4 wheels with locking mechanism for easy movement	
25	Safety Features	Motor Cover Guard, Belt Guard Protection, and Stable Base	



		Frame	
26	Maintenance Requirement	Low Maintenance Design	
27	Mesh Replacement System	Easy and Quick Mesh Replacement Provision	
28	Noise & Vibration	Smooth operation with minimum vibration	
29	Electrical Protection	Proper wiring, motor overload protection, and earthing system	
30	Installation	Complete installation, testing, and commissioning at site	
31	Accessories	All standard accessories required for operation and maintenance	
32	User Manual	Operation and Maintenance Manual in English/Nepali	
33	Warranty	Minimum 1-year warranty against manufacturing defects	

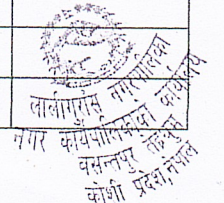
3. Pulveriser

S.N.	Technical Parameters	Required Specification	Offered Specification
1	Machine Name	Compost Fertilizer pulveriser Machine	
2	Machine Type	Organic Compost Pulverizing Machine	
3	Application	Suitable for pulverizing compost fertilizer, organic manure, farmyard manure, and agricultural waste into fine particles	
4	Overall Length	Approximately 1219 mm (4 ft)	
5	Overall Width	Approximately 610 mm (2 ft)	
6	Overall Height	Approximately 1067 mm (3.5 ft)	
7	Machine Structure	Heavy-duty mild steel frame with anti-corrosion paint finish	
8	Power Source	AC Electric Supply	
9	Motor Capacity	Minimum 3 HP Electric Motor	
10	Motor Type	Single Phase Electric Motor	
11	Operating Voltage	220-240 V, 50 Hz Single Phase	
12	Pulverizing Mechanism	Rotary pulverizing System	
13	Production Capacity	100-500 kg/day (depending upon material characteristics and moisture content)	
14	Feeding System	Manual feeding hopper	
15	Discharge System	Continuous discharge outlet for processed material	
16	Machine Weight	Approximately 100 kg	

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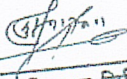


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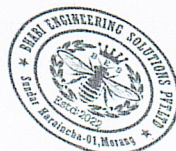
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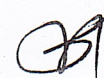
17	Safety Features	Protective covers/guards for rotating components and belt drive	
18	Noise & Vibration	Designed to operate with minimum vibration and acceptable noise level	
19	Installation	Complete installation and commissioning at site	
20	Accessories	All standard accessories required for operation and maintenance	
21	User Manual	Operation and maintenance manual to be supplied	
22	Warranty	Minimum 1-year warranty against manufacturing defects	




 बुद्धिनाथ तिमसिना
 कृषि इन्जिनियर

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Er. Buddhinath Timsina
 Agricultural Engineer
 Council regd. No: -361 "Agriculture" "A" Category








 लोकोपयोगी नगरपालिका
 नगर कार्यपालिकाको कार्यालय
 बसन्तपुर बिजुम
 कोशी प्रदेश, नेपाल

 रविज कार्की
 प्रमुख प्रशासकीय अधिकृत