



“समृद्ध, समावेशी र सुखी बेनीघाट रोराइको आधार: कृषि, शिक्षा, स्वास्थ्य, उद्योग, सुशासन र पूर्वाधार”



# बेनीघाट रोराइ गाउँपालिका गाउँ कार्यपालिकाको कार्यालय

विशालटार, धादिङ  
बागमती प्रदेश, नेपाल

प.सं. २०८३/०८४

च.नं. २७२

मिति: २०८३।०६।२७

श्री जो जससँग सम्बन्धित छ ।

विषय: कृषि औजार उपकरणको प्रति एकाइ दररेट उपलब्ध गराउने सम्बन्धमा ।

यस बेनीघाट रोराइ गाउँपालिकाको आ.व. २०८३/०८४ को वार्षिक स्वीकृत कार्यक्रम अनुसार आवश्यक पर्ने यसै साथ संलग्न स्पेशिफिकेशन बमोजिमका कृषि औजार उपकरण खरिदका लागि सार्वजनिक खरिद ऐन, २०६३ तथा सार्वजनिक खरिद नियमावली, २०६४ बमोजिम लागत अनुमान तयार गर्नुपर्ने भएको छ ।

अतः इच्छुक उत्पादक, अधिकृत विक्रेता, फर्म वा सप्लायर्सहरूले देहाय बमोजिमका कागजातहरू संलग्न राखी यो सूचना प्रकाशित भएको मितिले ७ (सात) दिनभित्र यस कार्यालयको जिन्सी व्यवस्थापन तथा खरिद उपशाखामा भौतिक रूपमा वा आधिकारिक ईमेल store.brrm@gmail.com मार्फत प्रति एकाइ दररेट (कोटेशन) पेश गर्नुहुन सम्बन्धित सबैमा यसै सूचनाद्वारा सूचित गरिन्छ ।

संलग्न गर्नुपर्ने कागजातहरू:

१. फर्म/कम्पनी दर्ता प्रमाणपत्रको प्रतिलिपि,
२. भ्याट/प्यान दर्ता प्रमाणपत्रको प्रतिलिपि,
३. आ.व. २०८१/०८२ को कर चुक्ता प्रमाणपत्रको प्रतिलिपि ।

## तपसिल

| S.N. | Equipment                                      | Specification                                           | Unit | Unit Rate | Remarks |
|------|------------------------------------------------|---------------------------------------------------------|------|-----------|---------|
| 1    | Hand Tractor (हाते ट्र्याक्टर) – Mini Tiller   | 5.5 HP Diesel (As per Attached Specification)           | Pcs  |           |         |
| 2    | Hand Tractor (हाते ट्र्याक्टर)                 | 7 HP Petrol (As per Attached Specification)             | Pcs  |           |         |
| 3    | Hand Tractor (हाते ट्र्याक्टर)                 | 7 HP Diesel (As per Attached Specification)             | Pcs  |           |         |
| 4    | Knapsack Sprayer (पिट्युमा बोक्ने स्प्रेयर)    | 16 Liter per Pump (As per Attached Specification)       | Pcs  |           |         |
| 5    | Crushing and Grinding Mill (कुटानी पिसानी मिल) | (As per Attached Specification)                         | Pcs  |           |         |
| 6    | Corn Sheller (मकै दाना छुट्याउने मेसिन)        | (As per Attached Specification)                         | Pcs  |           |         |
| 7    | Bush/Hedge Trimmer (झाडी/हेज काट्ने मेसिन)     | Battery Type (As per Attached Specification)            | Pcs  |           |         |
| 8    | Digital Weighing Balance (डिजिटल तौल यन्त्र)   | 100 KG Minimum Capacity (As per Attached Specification) | Pcs  |           |         |
| 9    | Plastic Pokhari (प्लास्टिक पोखरी)              | 8 m x 10 m, 250 GSM (As per Attached Specification)     | Pcs  |           |         |
| 10   | Multicrop Thresher (बहुफसली थ्रेसर)            | (धान/गहुँ इत्यादि) (As per Attached Specification)      | Pcs  |           |         |
| 11   | Post Hole Digger (खाडल खन्ने मेसिन)            | (As per Attached Specification)                         | Pcs  |           |         |

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| S.N. | Equipment                                           | Specification                                | Unit | Unit Rate | Remarks |
|------|-----------------------------------------------------|----------------------------------------------|------|-----------|---------|
| 12   | Mulching Plastic (मल्चिङ प्लास्टिक)                 | 25 microns (As per Attached Specification)   | Roll |           |         |
| 13   | Coffee Pulping Machine (कफी पल्पिङ मेसिन)           | (As per Attached Specification)              | Pcs  |           |         |
| 14   | Fruit Harvesting Ladder (फलफूल बाली टिप्ने भन्ड्या) | Sliding Type (As per Attached Specification) | Pcs  |           |         |
| 15   | Chaff Cutter (घाँस टुक्राउने मेसिन)                 | (As per Attached Specification)              | Pcs  |           |         |
| 16   | Burdizzo Castrator (पशु नपुंसकीकरण यन्त्र)          | 12 inches (As per Attached Specification)    | Pcs  |           |         |
| 17   | Kodalo                                              | (As per Attached Specification)              | Pcs  |           |         |
| 18   | Heavy-Duty Multi-Crop Thresher                      | (As per Attached Specification)              | Pcs  |           |         |
| 19   | Secature                                            | (As per Attached Specification)              | Pcs  |           |         |

अन्य शर्तहरू:

१. उल्लेखित दररेट मूल्य अभिवृद्धि कर (VAT) तथा अन्य स्थानीय कर लाग्ने/नलाग्ने स्पष्ट खुलाउनुपर्नेछ।
२. उल्लेखित दररेट यस बेनीघाट रोराइ गाउँपालिका, विशालटार, धादिङसम्मको ढुवानी खर्च सहित/रहित के हो ? स्पष्ट उल्लेख गर्नुपर्नेछ।
३. म्याद नाघि आएका वा रीत नपुगेका दररेटहरूलाई लागत अनुमान प्रयोजनमा समावेश गरिने छैन।
४. यो दररेट केवल लागत अनुमान तयार गर्ने प्रयोजनका लागि मात्र माग गरिएको हुँदा यसैका आधारमा खरिद सम्झौता वा कायदिस दिइने छैन।
५. दररेट स्वीकृत गर्ने वा नगर्ने सम्पूर्ण अधिकार यस कार्यालयमा सुरक्षित रहनेछ।

थप जानकारीका लागि सम्पर्क:

जिन्सी व्यवस्थापन तथा खरिद उपशाखा

फोन नं: ९८५११०५४६१

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*Suman*

*[Signature]*  
राम बाबु पौडेल  
प्रमुख प्रशासकीय अधिकृत



### 1) Mini-Tiller 5.5 HP Diesel Engine

| S.N. | Criteria      | Requirements                                                                                                                                                                                                                                                      | Offered Specification        |
|------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| 1    | Construction  | Mini Tiller of standard design having gross weight not less than 85 Kg                                                                                                                                                                                            | Model:<br>Country of Origin: |
| 2    | Engine        | 4 Stroke, Single Cylinder, Diesel Engine with air cooled cooling system                                                                                                                                                                                           | Model:<br>Type:              |
| 3    | Compliance    | The emission standard of machine should be in compliance with or superior than the applicable standard by Nepal vehicle mass emission standard 2069 (Euro III).                                                                                                   |                              |
| 4    | Power Output  | <b>Not less than 5.5 HP</b>                                                                                                                                                                                                                                       |                              |
| 5    | Starting Type | Manual/Recoil or Self Start                                                                                                                                                                                                                                       |                              |
| 6    | Transmission  | <b>Gear Driven with minimum 3 speed (1 reverse, 2 forward)</b>                                                                                                                                                                                                    |                              |
| 7    | Tilling Depth | 100mm or above                                                                                                                                                                                                                                                    |                              |
| 8    | Tilling Width | 700mm or above                                                                                                                                                                                                                                                    |                              |
| 9    | Tank Capacity | Minimum of 2.5 Liters                                                                                                                                                                                                                                             |                              |
| 10   | Tyres         | Standard                                                                                                                                                                                                                                                          |                              |
| 11   | Blades        | Minimum 24 Pieces                                                                                                                                                                                                                                                 |                              |
| 12   | Delivery      | The supplier shall provide the tractor with all necessary lubricants and operating fluids, including <b>diesel fuel (Min. 2 Ltrs), engine oil (mobil), and gear oil as capacity</b> , duly filled to the manufacturer-recommended levels at the time of delivery. |                              |
| 13   | Tools         | A set of tools as required for general maintenance shall be supplied within a lockable tool box.                                                                                                                                                                  |                              |
| 14   | Warranty      | Manufacturer shall provide a minimum of one year warranty after acceptance of vehicle.                                                                                                                                                                            |                              |
| 15   | Service       | At least three (3) times free service after delivery.                                                                                                                                                                                                             |                              |

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## 2) Mini-Tiller 7 HP Diesel Engine

| S.N. | Criteria            | Requirements                                                                                                                                                                                                                                                      | Offered Specification |
|------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1    | Engine Type         | 4-Stroke, single cylinder, forced air cooled                                                                                                                                                                                                                      | Model:<br>Type:       |
| 2    | Fuel Type           | <b>Diesel</b>                                                                                                                                                                                                                                                     |                       |
| 3    | Maximum Power       | <b>7 HP</b>                                                                                                                                                                                                                                                       |                       |
| 4    | Displacement        | 296 CC                                                                                                                                                                                                                                                            |                       |
| 5    | Engine Speed        | 3600 rpm                                                                                                                                                                                                                                                          |                       |
| 6    | Bore x Stroke       | 78 x 62 mm                                                                                                                                                                                                                                                        |                       |
| 7    | Starting System     | Recoil / Manual                                                                                                                                                                                                                                                   |                       |
| 8    | Tilling Depth       | 150 mm or more                                                                                                                                                                                                                                                    |                       |
| 9    | Tiller Breadth      | 1050 mm or more                                                                                                                                                                                                                                                   |                       |
| 10   | Transmission System | Wet type, friction multi-plate clutch                                                                                                                                                                                                                             |                       |
| 11   | Driving Model       | Gear drive                                                                                                                                                                                                                                                        |                       |
| 12   | Gearshift Speed     | <b>2 Forward and 1 Reverse Gear</b>                                                                                                                                                                                                                               |                       |
| 13   | Blades Type         | <b>4 pcs 4(3+1) groups (32pcs)</b>                                                                                                                                                                                                                                |                       |
| 14   | Steering Handle     | UP-Down                                                                                                                                                                                                                                                           |                       |
| 15   | Fuel Tank Volume    | 3.5 L                                                                                                                                                                                                                                                             |                       |
| 16   | Engine Oil Capacity | 1.2 L                                                                                                                                                                                                                                                             |                       |
| 17   | Gear Oil Capacity   | 2.6 L                                                                                                                                                                                                                                                             |                       |
| 18   | Lube Brand/Type     | SAE10W-30                                                                                                                                                                                                                                                         |                       |
| 19   | Gross Weight        | Not less than 120 kg                                                                                                                                                                                                                                              |                       |
| 20   | Delivery            | The supplier shall provide the tractor with all necessary lubricants and operating fluids, including <b>diesel fuel (Min. 2 Ltrs), engine oil (mobil), and gear oil as capacity</b> , duly filled to the manufacturer-recommended levels at the time of delivery. |                       |
| 21   | Tools               | A set of tools as required for general maintenance shall be supplied within a lockable tool box.                                                                                                                                                                  |                       |
| 22   | Warranty            | Manufacturer shall provide a minimum of one year warranty after acceptance of vehicle.                                                                                                                                                                            |                       |
| 23   | Service             | At least three (3) times free service after delivery.                                                                                                                                                                                                             |                       |

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### 3) Mini-Tiller 7 HP Petrol Engine

| S.N. | Criteria               | Requirements                                                                                                                                                                                                                                              | Offered Specification |
|------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1    | Engine Type            | 4 Stroke, single cylinder, forced air cooled                                                                                                                                                                                                              | Model:<br>Type:       |
| 2    | Fuel Type              | Gasoline                                                                                                                                                                                                                                                  |                       |
| 3    | Maximum Power          | 7 HP                                                                                                                                                                                                                                                      |                       |
| 4    | Displacement           | 208 CC                                                                                                                                                                                                                                                    |                       |
| 5    | Engine Speed           | 3600 rpm                                                                                                                                                                                                                                                  |                       |
| 6    | Bore x Stroke          | 70 x 54 mm                                                                                                                                                                                                                                                |                       |
| 7    | Starting System        | Recoil (Manual) Start                                                                                                                                                                                                                                     |                       |
| 8    | Tilling Depth          | 150 mm or more                                                                                                                                                                                                                                            |                       |
| 9    | Tiller Breadth         | 1050 mm or more                                                                                                                                                                                                                                           |                       |
| 10   | Driving Model          | Gear drive                                                                                                                                                                                                                                                |                       |
| 11   | Gearshift Speed        | 2 Forward and 1 Reverse Gear                                                                                                                                                                                                                              |                       |
| 12   | Blades Type            | 4 pcs 3(2+1) groups (24pcs)                                                                                                                                                                                                                               |                       |
| 13   | Handle                 | Up-Down                                                                                                                                                                                                                                                   |                       |
| 14   | Fuel Tank Volume       | 3.5 L                                                                                                                                                                                                                                                     |                       |
| 15   | Lubrication Oil Volume | 0.8 L                                                                                                                                                                                                                                                     |                       |
| 16   | Gear Oil Capacity      | 1.5 L                                                                                                                                                                                                                                                     |                       |
| 17   | Lube Brand/Type        | SAE10W-30                                                                                                                                                                                                                                                 |                       |
| 18   | Gross Weight           | Not less than 80 kg                                                                                                                                                                                                                                       |                       |
| 19   | Delivery               | The supplier shall provide the tractor with all necessary lubricants and operating fluids, including petrol fuel (Min. 2 Ltrs), engine oil (mobil), and gear oil as capacity, duly filled to the manufacturer-recommended levels at the time of delivery. |                       |
| 20   | Tools                  | A set of tools as required for general maintenance shall be supplied within a lockable tool box.                                                                                                                                                          |                       |
| 21   | Warranty               | Manufacturer shall provide a minimum of one year warranty after acceptance of vehicle.                                                                                                                                                                    |                       |
| 22   | Service                | At least three (3) times free service after delivery.                                                                                                                                                                                                     |                       |

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#### 4) Knapsack Sprayer

| S.N. | Criteria         | Requirements                                                                                                    | Offered Specification |
|------|------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------|
| 1    | General          | Spray liquids such as chemicals, fertilizers, pesticides, insecticide to kill weeds for better growth of plants | Model:<br>Type:       |
| 2    | Mode             | <b>2 in 1: Manual cum Battery</b>                                                                               |                       |
| 3    | Tank Capacity    | <b>At least 16 Liters</b>                                                                                       |                       |
| 4    | Motor Type       | Single Motor                                                                                                    |                       |
| 5    | Battery          | 12V, 8Ah, Rechargeable Lead Acid                                                                                |                       |
| 6    | Working Pressure | 90 PSI                                                                                                          |                       |
| 7    | Nozzle           | <b>Single and Biforate Nozzle Type</b>                                                                          |                       |
| 8    | Tank Material    | HDPE Tank                                                                                                       |                       |
| 9    | Charger          | 1Amp                                                                                                            |                       |
| 10   | Warranty         | Manufacturer shall provide a minimum of one year warranty after delivery                                        |                       |

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### 5) Combined Mill (Kutani Pisani Mill)

| S.N. | Criteria                  | Requirements                                                                                                         | Offered Specification        |
|------|---------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------|
| 1    | Description               | Combined Mill (Rice Milling/Husking and Flour Grinding)                                                              | Model:<br>Country of origin: |
| 2    | Motor Requirement         | <b>3HP Electric Motor/1440RPM</b>                                                                                    |                              |
| 3    | Power Supply              | Single Phase/220-240V/50Hz                                                                                           |                              |
| 4    | Roller Speed              | Rice Mill:1500 rev/min, Grind Mill: 5500 rev/min                                                                     |                              |
| 5    | Milling Capacity          | <b>150-180 KG/hr</b>                                                                                                 |                              |
| 6    | Grinding Capacity         | <b>Not less than 200 KG/hr</b>                                                                                       |                              |
| 7    | Roller Size               | Min. 40 mm Diameter                                                                                                  |                              |
| 8    | Machine Weight            | 70 - 100 Kg                                                                                                          |                              |
| 9    | Material of Contact Parts | <b>Food-Grade Stainless Steel</b>                                                                                    |                              |
| 10   | Frame                     | Heavy duty Mild Steel/ Cast Iron Body                                                                                |                              |
| 11   | Mill Type                 | <b>Disc/Hammer Type</b>                                                                                              |                              |
| 12   | Tools                     | A set of tools as required for general maintenance shall be supplied with lockable tool box.                         |                              |
| 13   | Accessories               | Must provide separate screens/sieves for paddy threshing and maize milling.                                          |                              |
| 14   | Warranty                  | Manufacturer shall provide a minimum of one year warranty on body parts and must provide a 2-year guaranty on motor. |                              |

निमित्त

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6) Corn Sheller

| S.N. | Criteria          | Requirements                                               | Offered Specification |
|------|-------------------|------------------------------------------------------------|-----------------------|
| 1    | Description       | Single Tube Electric corn sheller                          | Model:                |
| 2    | Capacity          | <b>Minimum of 500 KG/hr</b>                                |                       |
| 3    | Electric Source   | Single Phase/220-240V/50Hz                                 |                       |
| 4    | Motor Rated Power | <b>1 HP, Copper Coil</b>                                   |                       |
| 5    | Body Material     | Mild Steel                                                 |                       |
| 6    | Weight of Machine | <b>Minimum of 20 KG</b>                                    |                       |
| 7    | Warranty          | Manufacturer shall provide a minimum of one year warranty. |                       |

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7) Battery Operated Bush/Hedge Trimmer (ब्याट्रीबाट चल्ने झाडी/हेज काट्ने मेसिन)

| S.N. | Criteria      | Requirements                                                                                          | Offered Specification |
|------|---------------|-------------------------------------------------------------------------------------------------------|-----------------------|
| 1    | General       | Battery Operated, <b>handheld</b> Bush/Grass Trimmer with <b>grass collection box</b>                 | Model:                |
| 2    | Motor         | Brushless/high efficiency electric motor                                                              |                       |
| 3    | Rated Voltage | <b>24V - 36 V DC</b>                                                                                  |                       |
| 4    | Power         | Minimum 0.4 KW                                                                                        |                       |
| 5    | Blade Type    | Hardened, precision-ground, <b>single sided reciprocating blade</b>                                   |                       |
| 6    | Blade Length  | Min. 46 cm                                                                                            |                       |
| 8    | Battery       | <b>Rechargeable Lithium battery with minimum 10 Ah</b>                                                |                       |
| 9    | Charger       | <b>Compatible battery charger included</b>                                                            |                       |
| 10   | Weight        | <b>Maximum 5 Kg including battery</b>                                                                 |                       |
| 9    | Accessories   | <b>2 sets of Battery</b> , charger, blade guard/scabbard, a pair of gloves, safety glasses, blade oil |                       |
|      |               | Must provide a <b>collection box</b> for cut grass/hedge                                              |                       |
|      |               | Tool kit and Manual kit                                                                               |                       |
| 10   | Warranty      | A one-year warranty on the machine                                                                    |                       |

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**8) Digital Weighing Machine**

| S.N. | Criteria              | Requirements            | Offered Specification |
|------|-----------------------|-------------------------|-----------------------|
| 1    | Weighing Capacity     | Minimum 100 KG          | Model:                |
| 2    | Type                  | Rechargeable            |                       |
| 3    | Base Plate Materials  | Stainless Steel         |                       |
| 4    | Plate Size            | 340mm x 340mm           |                       |
| 5    | Error Tolerance       | $\pm 10$ gm             |                       |
| 6    | Battery               | Rechargeable Lead Acid  |                       |
| 7    | Battery Specification | 4 Volt, 2.5 Amp         |                       |
| 8    | Warranty              | As per company standard |                       |
| 9    | Screen                | LED/LCD                 |                       |
| 10   | Power Source          | Electric                |                       |
| 11   | Voltage               | 220V/50Hz               |                       |

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**9) Plastic Pokhari (Pond Liner)**

| S.N. | Criteria    | Requirements                                     | Offered Specification |
|------|-------------|--------------------------------------------------|-----------------------|
| 1    | Description | HDPE Pond Liner for Farm Pond                    |                       |
| 2    | Size        | 8m x 10m                                         |                       |
| 3    | Thickness   | <b>Minimum 250 GSM</b>                           |                       |
| 4    | Color       | <b>Blue</b>                                      |                       |
| 5    | Standard    | An ISO 9001 certified manufacturer or equivalent |                       |

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### 10) Multi-crop Thresher

| S.N. | Criteria             | Requirements                                                                                 | Offered Specification |
|------|----------------------|----------------------------------------------------------------------------------------------|-----------------------|
| 1    | General              | <b>Mini Multi-Crop Thresher</b>                                                              | Model:                |
| 2    | Power                | <b>Minimum 7 HP</b>                                                                          |                       |
| 3    | Machine Weight       | Not less than 80 Kg                                                                          |                       |
| 4    | Engine               | <b>Single Cylinder, 4-Stroke Petrol Engine</b>                                               |                       |
| 5    | Capacity             | <b>300-500 Kg/hr</b>                                                                         |                       |
| 6    | Crops                | Paddy, Wheat, Maize, Millet, Barley, Soybean, etc.                                           |                       |
| 7    | Feeding System       | <b>Direct bundle (सुठ) feeding arrangement</b>                                               |                       |
| 8    | Feed hopper opening  | <b>Minimum 400 mm x 400 mm (W x H)</b>                                                       |                       |
| 9    | Mobility             | Fitted with wheels for easy transportation.                                                  |                       |
| 10   | Services             | <b>At least three (3) times free service after delivery.</b>                                 |                       |
| 11   | Machine Frame        | Mild Steel or Cast Iron                                                                      |                       |
| 12   | Grain Output Channel | Must have a <b>minimum of two outlet</b> arrangement for cleaned and wasted product.         |                       |
| 13   | Accessories          | Must be provided with a minimum of two (2) fans for efficient cleaning of product.           |                       |
| 14   | Warranty             | Manufacturer shall provide a minimum of one year warranty after delivery.                    |                       |
| 15   | Tools                | A set of tools as required for general maintenance shall be supplied with lockable tool box. |                       |

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### 11) Post Hole Digger

| S.N. | Criteria                      | Requirements                                                                                                                                          | Offered Specification |
|------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1    | Type                          | Single Blade type Earth Auger                                                                                                                         | Model:                |
| 2    | Blade Material                | Alloy Tool Steel                                                                                                                                      |                       |
| 3    | Engine Type                   | <b>2-Stroke, Single Cylinder Petrol, Air cooled</b>                                                                                                   | Model:                |
| 4    | Engine Displacement           | 63CC                                                                                                                                                  |                       |
| 5    | Tank Capacity                 | <b>550ml to 1300ml</b>                                                                                                                                |                       |
| 6    | Engine Start Type             | Manual/Recoil                                                                                                                                         |                       |
| 7    | Auger Diameter                | <b>8inch and 12inch</b>                                                                                                                               |                       |
| 8    | Auger Length (Digging Length) | The auger length shall be not less than 0.4 meter and shall be well equipped with extension such that holes up to <b>1 meter</b> depth could be made. |                       |

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## 12) Mulching Plastic

| S.N. | Criteria    | Requirements                  | Offered Specification |
|------|-------------|-------------------------------|-----------------------|
| 1    | Description | Agricultural Mulching Plastic |                       |
| 2    | Material    | LDPE                          |                       |
| 3    | Length      | 400-meter                     |                       |
| 4    | Width       | 1.2 meters                    |                       |
| 5    | Thickness   | 25 microns                    |                       |

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### 13) Coffee Pulping Machine

| S.N. | Criteria              | Requirements                                                                                  | Offered Specification |
|------|-----------------------|-----------------------------------------------------------------------------------------------|-----------------------|
| 1    | Description           | A machine to efficiently remove the outer skin of coffee beans while preserving bean quality. | Model:                |
| 2    | Operation             | <b>Hand operated</b>                                                                          |                       |
| 3    | Weight of the Machine | Minimum of 25 KG                                                                              |                       |
| 4    | Capacity              | <b>100 KG/Hr.</b>                                                                             |                       |
| 5    | Hopper Capacity       | <b>15-20 KG</b>                                                                               |                       |
| 6    | Frame Material        | Mild Steel Type with powder coatings                                                          |                       |
| 7    | Warranty              | Manufacturer should provide a minimum of one year warranty                                    |                       |

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#### 14) Fruit Harvesting Ladder, Aluminium Folding Type

| S.N. | Criteria        | Requirements                                                                                      | Offered Specification |
|------|-----------------|---------------------------------------------------------------------------------------------------|-----------------------|
| 1    | Description     | <b>Folding</b> Aluminum Multi-Step Ladder                                                         |                       |
| 2    | Type            | Portable, self-supporting, <b>A- frame</b> folding ladder                                         |                       |
| 3    | Application     | Suitable for agricultural, horticultural, fruit harvesting, maintenance and general-purpose works |                       |
| 4    | Material        | High-strength aluminum alloy                                                                      |                       |
| 5    | Overall-Height  | <b>Minimum 9 ft.</b>                                                                              |                       |
| 6    | Number of Steps | <b>Minimum 7 steps</b>                                                                            |                       |
| 7    | Step Spacing    | <b>Approximately 250-300 mm</b>                                                                   |                       |
| 8    | Top Platform    | Suitable top standing platform/step for safe working                                              |                       |
| 9    | Handrail        | <b>Ergonomic handrail/handgrip</b> extending above the upper working area                         |                       |
| 10   | Load Capacity   | <b>Minimum 120 Kg</b> safe working load                                                           |                       |
| 11   | Accessories     | Complete with all necessary hinges, locking mechanism, support bars and <b>anti-slip feet</b>     |                       |

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### 15) Chaff Cutter

| S.N. | Criteria                      | Requirements                                                                                                                                                                                                                                                                                                 | Offered Specification |
|------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1    | General                       | Conveyor Type electric chaff cutter suitable for cutting the grass, straw, maize stalk, etc., for animal feeds.                                                                                                                                                                                              | Model:                |
| 2    | Power Source                  | Electric, 220-240V/50Hz                                                                                                                                                                                                                                                                                      |                       |
| 3    | Motor                         | <b>3 HP, Single Phase, 1440 rpm</b>                                                                                                                                                                                                                                                                          |                       |
| 4    | Number of Cutting Blades      | <b>At least 4 blades with blade protector</b>                                                                                                                                                                                                                                                                |                       |
| 5    | Cutting Blade Material        | Special Alloy Steel                                                                                                                                                                                                                                                                                          |                       |
| 6    | Feeding Mouth Width           | <b>Minimum of 7 inches</b>                                                                                                                                                                                                                                                                                   |                       |
| 7    | Capacity of Machine           | A minimum of 250 KG/Hr.                                                                                                                                                                                                                                                                                      |                       |
| 8    | Belt                          | V-Belt Conveyor from Motor                                                                                                                                                                                                                                                                                   |                       |
| 9    | Machine Frame                 | Mild steel/Cast iron frame structure                                                                                                                                                                                                                                                                         |                       |
| 10   | Weight of the Machine (Total) | Minimum 42 KG                                                                                                                                                                                                                                                                                                |                       |
| 11   | Others                        | <ul style="list-style-type: none"> <li>• Shall be fully equipped with accessories for efficient full load operation of chaff cutter with safety features</li> <li>• Must have a handle to adjust different cut size of the plants</li> <li>• Must have a gear lever to adjust different cut speed</li> </ul> |                       |
| 12   | Motor Position                | At base of the machine                                                                                                                                                                                                                                                                                       |                       |
| 13   | Instructions                  | All instructions in the machine shall be in English/Nepali.                                                                                                                                                                                                                                                  |                       |
| 14   | Tools                         | <b>A set of tools as required for general maintenance shall be supplied.</b>                                                                                                                                                                                                                                 |                       |
| 15   | Accessories                   | <b>Must provide minimum of 5 meters of electrical wire for connection extension.</b>                                                                                                                                                                                                                         |                       |
| 16   | Warranty                      | Manufacturer shall provide a minimum of one year warranty after delivery.                                                                                                                                                                                                                                    |                       |
| 17   | Portability                   | Wheels are provided at the base of the frame for easy transportation and can be locked.                                                                                                                                                                                                                      |                       |

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#### 16) Burdizzo Castrator

| S.N. | Criteria      | Requirements                                                                                    | Offered Specification |
|------|---------------|-------------------------------------------------------------------------------------------------|-----------------------|
| 1    | General       | <b>Non-surgical</b> , scissor like castration design with two hinged arms used for Goat and Ox. | Model:                |
| 2    | Material      | High-quality durable <b>stainless steel</b>                                                     |                       |
| 3    | Handle Length | <b>12 to 14 inches</b>                                                                          |                       |
| 4    | Jaw Design    | Curved, blunt, grooved jaws design to crush the spermatic cord without cutting                  |                       |

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**17) Kodalo Blade (Agricultural Spade Blade)**

| S.N. | Criteria | Requirements                                                                                         | Offered Specification |
|------|----------|------------------------------------------------------------------------------------------------------|-----------------------|
| 1    | General  | Hoe/Kodalo used for soil digging, loosening, weeding, general agricultural work, <b>machine made</b> |                       |
| 2    | Material | High-quality durable <b>Carbon Steel</b>                                                             |                       |
| 5    | Weight   | <b>Minimum 1.6 Kg</b>                                                                                |                       |

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### 18) Heavy-Duty Multicrop Thresher

| S.N. | Criteria                               | Requirements                                                                                                                                                                                                                                                                    | Offered Specification |
|------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1    | General                                | Heavy-Duty Tractor-Driven Multi-Crop Thresher                                                                                                                                                                                                                                   | Model:                |
| 2    | Power Source                           | <b>Tractor PTO driven, compatible to standard tractors (35 to 50 HP)</b>                                                                                                                                                                                                        | Model:                |
| 3    | Threshing Cylinder Mechanism           | Spike tooth open cylinder with high-durability spikes and heavy-duty drum                                                                                                                                                                                                       |                       |
| 4    | Threshing Output Capacity              | <b>0.7 to 1.5 Tons per hour</b>                                                                                                                                                                                                                                                 |                       |
| 5    | Crops                                  | Paddy, Wheat, Maize, Millet, Barley, Soybean, etc.                                                                                                                                                                                                                              |                       |
| 6    | Machine Weight                         | <b>Not less than 1000 Kg</b>                                                                                                                                                                                                                                                    |                       |
| 7    | Overall Machine Dimensions (L x W x H) | Not less than <b>2500 mm x 1100 mm x 1500 mm</b>                                                                                                                                                                                                                                |                       |
| 8    | Air Cleaning and Blower System         | <b>High-power</b> multi-fan blower system with adjustable blower speeds                                                                                                                                                                                                         |                       |
| 9    | Sieving and Separation Mechanism       | <b>Multi-layer</b> sieve system comprising upper and lower sieve, and <b>adjustable shutter plate</b>                                                                                                                                                                           |                       |
| 10   | Concave System                         | Adjustable concave system designed for ideal concave clearance for varying grain sizes                                                                                                                                                                                          |                       |
| 11   | Bearings and Drives                    | High-quality, high-duty sealed bearings installed on all primary rotating shafts                                                                                                                                                                                                |                       |
| 12   | Chassis Frame Structure                | Heavy-duty structural steel to absorb operational vibrations                                                                                                                                                                                                                    |                       |
| 13   | Power Transmission                     | PTO drive shaft coupled to a heavy-duty flywheel, drive pulley, V-belt assembly                                                                                                                                                                                                 |                       |
| 14   | Feeding Assembly and Operator Platform | <ul style="list-style-type: none"> <li>• Must provide a <b>feeding chute/hopper</b></li> <li>• Must provide an <b>elevated operator platform</b> allowing a worker to stand safely while feeding the crop into the feeder chute</li> </ul>                                      |                       |
| 15   | Safety                                 | <ul style="list-style-type: none"> <li>• Extended feeding chute guard length to prevent accidental contact with the high-speed threshing drum</li> <li>• Operator Safety Guards</li> <li>• Protective guards covering all exposed V-belts, Drive pulleys, PTO Shafts</li> </ul> |                       |

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|    |                      |                                                                                                                                                                                                         |  |
|----|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 16 | Manuals and Warranty | <ul style="list-style-type: none"><li>• Manufacturer shall provide a minimum of one year warranty after delivery.</li><li>• Delivery must include an Operator Manual and Maintenance Booklet.</li></ul> |  |
| 17 | Tools                | A set of tools as required for general maintenance shall be supplied with lockable tool box.                                                                                                            |  |

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**19) Secature (Pruning Shear)**

| S.N. | Criteria        | Requirements                                                                                                            | Offered Specification |
|------|-----------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1    | General         | Hand pruning secature/shear used for cutting of branches, shoots, twigs, and stems of fruit, vegetable and other plants | Model:                |
| 2    | Blade Material  | High-carbon hardened <b>steel/SK5</b> equivalent                                                                        |                       |
| 3    | Handle Material | <b>Reinforced Aluminium or high strength steel with ergonomic grip</b>                                                  |                       |
| 4    | Overall Length  | Not less than <b>180mm</b>                                                                                              |                       |
| 5    | Weight          | Not less than <b>250 g</b>                                                                                              |                       |

**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 no responsiveness of the bid.**

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