



Forestry Machinery

Name of Machinery :

PROFESSIONAL CHAINSAW, 3.8kW, 20-25 cm guide bar, 3/8" Rapid Micro (RM) Ripping Saw Chain

Fund Source:

GAA Continuing Fund 2025

Purpose:

To be used in the tree cutting, tree pruning, tree surgery; landscaping, timber stand improvement, and other allied silvicultural activities of the University.

TECHNICAL SPECIFICATIONS

	Minimum Specification																								
1.	Professional Chainsaw: 20 - 25 cm guide bar, 3/8" Rapid Micro (RM) ripping saw chain																								
2.	<table><tr><td>Bar Length:</td><td>20 - 25 inches</td></tr><tr><td>Displacement:</td><td>72.2 cm³</td></tr><tr><td>Power Output:</td><td>3.9 kW/hp</td></tr><tr><td>Revolutions per minute (max):</td><td>12,500 rpm</td></tr><tr><td>Revolutions per minute (idle):</td><td>2,800 rpm</td></tr><tr><td>Weight:</td><td>6.2 kgs.</td></tr><tr><td>Power-to-weight ratio:</td><td>1.6 kg/kW</td></tr><tr><td>Sound pressure level</td><td>105</td></tr><tr><td>Sound power level</td><td>118</td></tr><tr><td>Vibration level left/right</td><td>5.4 m/s²</td></tr><tr><td>Oilmatic saw chain type:</td><td>3/8"</td></tr><tr><td>Saw chain pitch:</td><td>RM</td></tr></table>	Bar Length:	20 - 25 inches	Displacement:	72.2 cm ³	Power Output:	3.9 kW/hp	Revolutions per minute (max):	12,500 rpm	Revolutions per minute (idle):	2,800 rpm	Weight:	6.2 kgs.	Power-to-weight ratio:	1.6 kg/kW	Sound pressure level	105	Sound power level	118	Vibration level left/right	5.4 m/s ²	Oilmatic saw chain type:	3/8"	Saw chain pitch:	RM
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3.	Features: • ElastoStart. Due to compression pressure, jerky stresses occur when starting internal combustion engines. The damping element in the ElastoStart special starter grip alternately absorbs and releases force according to the compression pattern. The result is smooth, even starting. • Controlled-delivery oil pump. Different bar lengths, wood types and sawing techniques require different amounts of oil. The controlled-delivery oil pump allows the user to select just the right amount of oil for the job at hand. • Side-mounted chain tensioning. Side-mounted chain tensioning makes it easy to tension the chain safely. • Anti-vibration system. Precisely calculated buffer zones minimize the transfer of engine and saw chain vibrations to the front and rear handles. The chainsaw therefore runs noticeably smoother. This allows the user to save their strength and work longer. • Compensator. This controller in the carburettor prevents the fuel-air mixture getting richer as the air filter becomes clogged. The correct quantity of fuel is delivered to the carburettor depending on the quantity of air passing through the air filter. This keeps the fuel/air ratio in the combustion mixture constant and hence also the engine power. The filter doesn't need to be cleaned until an appreciable drop in power occurs. • Decompression valve. The decompression valve is part of the easy starting system. The valve should be pressed before starting to reduce the compression pressure when starting, as well as reducing the effort needed to pull the starter rope. The decompression valve is semi-automatic; it must be pressed manually before starting, but then closes automatically.																								
4.	Accessories • 1 pc. 24cm guide bar • 1 pc. RM ripping saw chain • 1 pc. Round sharpening file for saw chain • 1 pc. Chainsaw case																								
5.	Basic Tools for Maintenance and Accessories • Practical, multi-function quality tool in a sturdy plastic case																								



	• 3.5mm flat-blade screwdriver for carburettor adjustment and cleaning grooves • TX 27 Screwdriver • Nylon pouch with belt loop • Width across flats 19-16
6.	Warranty and Aftersales Services: • Warranty inclusive of labor, services and spare parts good for one (1) year to be reckoned from the date of demonstration and operators training with the final recipients. <i>(Submit a warranty certificate and certification on the coverage of after sales services.)</i> Services and Parts availability: Supply services of mechanic/ technical personnel free of charge for replacing parts under warranty to put the unit in running condition during the warranty period <i>(Provide certification)</i>; • <i>Provide services on repairs after warranty period at reasonable cost;</i> • <i>Maintain spare parts of at least 10% of their average past three-year sales per product to ensure adequate inventory of fast-moving spare parts;</i> • <i>Repair of defective units and provision of other after sales services shall be undertaken within 72 hours upon the receipt of complaints.</i>
7.	Service Center/s: • The supplier/distributor/dealer must have an accredited service center in Baguio City or the Province of Benguet and ensure availability of spare parts for at least five (5) years from the date of acceptance.
8.	Logo Requirement: Provide 4" diameter all weather BSU Logo Sticker and "General Services Office" text in the machine
9.	Manual and Warranty Card Requirement: • Original Equipment Manufacturer Manual (OEM) in English to include operation and parts manual, method of installation and maintenance; Provide Warranty card named after the End-user (BSU-General Services Office).
10.	Acceptance Testing and Demonstration Requirements: • Conduct Demonstration and training of Operator/s; • Provide sufficient testing materials during demonstration, inspection and acceptance testing Provide full tank of fuel and oil per unit during demonstration;
11.	AMTEC test Requirement: (N/A)
12.	Other Requirements: • DENR Certificate of Registration as per DENR AO No.2003-24 (*the supplier shall process the acquisition of the Certificate of Registration of the purchased chainsaw in the name of "Benguet State University – General Services Office")

Prepared by:

SHERIFF JOHN C. LA MADRID

Director, General Services Office



Forestry Machinery

Name of Machinery: **PROFESSIONAL CHAINSAW, 90cm guide bar, 46 RMX Ripping Saw Chain**
Fund Source: GAA Continuing Fund 2025
Purpose: To be used in the tree cutting, tree pruning, tree surgery, landscaping, timber stand improvement, and other allied silvicultural activities of the University.

TECHNICAL SPECIFICATION

	Minimum Specification
1.	Professional Chainsaw: 90 cm guide bar, 46 RMX ripping
2.	Bar Length: 36 inches Displacement: 105.7 cm³ Power Output: 4.8 / 6.5 kW/hp Revolutions per minute (max): 7,500 rpm Revolutions per minute (idle): 2,000 rpm Weight: 10.7 kgs. Power-to-weight ratio: 2.2 kg/kW Oilmatic saw chain type: 404" Saw chain pitch: RMY
3.	Features: • ElastoStart. Due to compression pressure, jerky stresses occur when starting internal combustion engines. The damping element in the ElastoStart special starter grip alternately absorbs and releases force according to the compression pattern. The result is smooth, even starting. • 2-MIX engine. The two-stroke engine with 2-MIX technology saves up to 20 % of fuel and reduces emissions by up to 70 % compared to 2-stroke engines of the same performance class without 2-MIX technology. • Electrically heated handles (H). The electrically heated handles (H) keep your hands warm and dry for a better grip, making your work safer in winter. No-maintenance, wear-free heating strips in the front and rear handles can be engaged with a switch as required to make the handle warmer and dryer. • M-Tronic (M). For a cold start, the M-Tronic only needs one start position on the combi-lever. After starting, you can immediately power up to full speed. The amount of fuel required is precisely calculated by the system and supplied as needed. Otherwise, start in position I as usual. • Side-mounted chain tensioning. Side-mounted chain tensioning makes it easy to tension the chain safely. • Anti-vibration system. Precisely calculated buffer zones minimize the transfer of engine and saw chain vibrations to the front and rear handles. The chainsaw therefore runs noticeably smoother. This allows the user to save their strength and work longer. • Compensator. This controller in the carburettor prevents the fuel-air mixture getting richer as the air filter becomes clogged. The correct quantity of fuel is delivered to the carburettor depending on the quantity of air passing through the air filter. This keeps the fuel/air ratio in the combustion mixture constant and hence also the engine power. The filter doesn't need to be cleaned until an appreciable drop in power occurs. • Decompression valve. The decompression valve is part of the easy starting system. The valve should be pressed before starting to reduce the compression pressure when starting, as well as reducing the effort needed to pull the starter rope. The decompression valve is semi-automatic; it must be pressed manually before starting, but then closes automatically. • Ematic system. Compared to conventional bars without Ematic, the Ematic system reduces the consumption of chain lubricant by up to 50 %, depending on the type of wood and the cutting attachment used. This system comprises a Ematic or Ematic S guide bar, an Oilomatic saw chain and a variable-flow or reduced-flow oil pump. As a result, virtually every drop of chain lubricant is delivered to exactly the right spot. • HD2 filter. This air filter keeps even the finest dust away from the engine, ensuring a particularly long service life. Thanks to its special material, the filter can easily be cleaned by washing, for example with Varioclean and



	warm water. • Combi lever. As M-Tronic has electronic cold and warm start recognition, only one start position is needed on the combi lever. The exact amount of fuel is supplied on demand. You do not need to know about the status of your chainsaw and can apply full throttle straight away – even with a cold start. Because the saw is warmed up by optimum acceleration in a few seconds. • Captive nuts. When changing the cutting attachment, you will not risk losing the nuts on the sprocket. The MS 261 is the first chainsaw to be equipped with the captive nuts. A great advantage for all users. • Tool free fuel caps. Special caps to open and close the tank cap quickly, easily and without tools.
4.	Attachments / Accessories • 1 pc. 91cm duromatic E guide bar, 3/8" 0.63" (Strong S) • 1 pc. 46 RMX ripping saw chain
5.	Basic Tools for Maintenance and Accessories • Practical, multi-function quality tool in a sturdy plastic case • 3.5mm flat-blade screwdriver for carburettor adjustment and cleaning grooves • TX 27 Screwdriver • Nylon pouch with belt loop • Width across flats 19-16 • 1 pc. Round sharpening file for saw chain
6.	Warranty and Aftersales Services: • Warranty inclusive of labor, services and spare parts good for one (1) year to be reckoned from the date of demonstration and operators training with the final recipients. <i>(Submit a warranty certificate and certification on the coverage of after sales services.)</i> Services and Parts availability: Supply services of mechanical/ technical personnel free of charge for replacing parts under warranty to put the unit in running condition during the warranty period <i>(Provide certification);</i> • <i>Provide services on repairs after warranty period at reasonable cost;</i> • <i>Maintain spare parts of at least 10% of their average past three-year sales per product to ensure adequate inventory of fast- moving spare parts;</i> • <i>Repair of defective units and provision of other after sales services shall be undertaken within 72 hours upon the receipt of complaints.</i>
7.	Service Center/s: • The supplier/distributor/dealer must have an accredited service center in Baguio City or the Province of Benguet and ensure availability of spare parts for at least five (5) years from the date of acceptance.
8.	Logo Requirement: Provide 3" diameter all weather BSU Logo Sticker and "General Services Office" text in the machine
9.	Manual and Warranty Card Requirement: • Original Equipment Manufacturer Manual (OEM) in English to include operation and parts manual, method of installation and maintenance; Provide Warranty card named after the End-user (BSU-General Services Office).
10.	Acceptance Testing and Demonstration Requirements: • Conduct Demonstration and training of Operator/s; • Provide sufficient testing materials during demonstration, inspection and acceptance testing Provide full tank of fuel and oil per unit during demonstration;
11.	AMTEC test Requirement:
12.	Other Requirements: • DENR Certificate of Registration as per DENR AO No.2003-24 ("the supplier shall process the acquisition of the Certificate of Registration of the purchased chainsaw in the name of "Benguet State University – General Services Office")

Prepared by:

SHERIFF JOHN C. LA MADRID
 Director, General Services Office



Agricultural Machinery

Name of Machinery : **FORAGE / SILAGE CHOPPER (Multipurpose Shredder)**
Fund Source: GAA Continuing Fund 2025
Purpose: To cut biomass materials into strips and to cut or sliced twigs or small branches of trees into small and uniform sizes called chips to increase surface area for faster decomposition.

TECHNICAL SPECIFICATION

	Minimum Specification
1.	Prime Mover: 7.5hp (minimum) continuous power, gasoline engine; air-cooled; Four (4) stroke cycle, single cylinder; Continuous power: 80% of the rated maximum power; Specific Fuel consumption: Noise level: not more than 96dB(A) for 4 hours continuous operation;
2.	Capacity: 800 kgs./hr, minimum Shredding efficiency: at least 90% • Multi-purpose, can shred, chop, and chip • With tires for mobility • Can shred rice straw and other soft dry and semi-dry materials, corn cobs, green grass, leaves and other organic materials and stems or wood;
3.	Material: • Shredding Chamber: cast iron or seamless metal steel or fully welded metal steel, • Heavy duty (that can withstand the stresses of demanding use); • Feeding plate and hopper/funnel: not less than 1.0mm thickness; • Blades: High quality tool steel blades or high carbon steel, replaceable, adjustable and can be sharpened; • Provided with output chute;
4.	Accessories • Belt tensioner • 1 set of spare blades
5.	Basic Tools for Maintenance and Accessories • One (1) pc. adjustable wrench • 2 pcs. open wrench • One (1) pc of Philips or cross tip screw driver • One (1) pc of flat screw driver, • Grease gun • Goggles and ear muffs for safety
6.	Warranty and Aftersales Services: • Warranty inclusive of labor, services and spare parts good for one (1) year to be reckoned from the date of demonstration and operators training with the final recipients. (Submit a <i>warranty certificate and certification on the coverage of after sales services.</i>) Services and Parts availability: Supply services of mechanical/ technical personnel free of charge for replacing parts under warranty to put the unit in running condition during the warranty period (Provide certification); • Provide services on repairs after warranty period at reasonable cost; • Maintain spare parts of at least 10% of their average past three-year sales per product to ensure adequate inventory of fast-moving spare parts; • Repair of defective units and provision of other after sales services shall be undertaken within 72 hours upon the receipt of complaints.
7.	Service Center/s:



	• The supplier/distributor/dealer must have an accredited service center in Baguio City or within the Province of Benguet and ensure availability of spare parts for at least five (5) years from the date of acceptance.
8.	Logo Requirement: Provide 4" diameter all weather BSU Logo Sticker and "General Services Office" text in the machine
9.	Manual and Warranty Card Requirement: • Original Equipment Manufacturer Manual (OEM) in English to include operation and parts manual, method of installation and maintenance; Provide Warranty card named after the End-user (BSU-General Services Office).
10.	Acceptance Testing and Demonstration Requirements: • Conduct Demonstration and training of Operator/s; • Provide sufficient testing materials during demonstration, inspection and acceptance testing Provide full tank of fuel and oil per unit during demonstration;
11.	AMTEC test Requirement: Submit copy of the AMTEC Test Results
12.	Other Requirements: • NAMDAC Certificate of Accreditation • Permit to Operate (PTO)

Prepared by:


SHERIFF JOHN C. LA MADRID
Director, General Services Office



Republic of the Philippines
Benguet State University
2601 La Trinidad, Benguet
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REQUEST FOR QUOTATION (RFQ)
(ALL ENTRIES ARE MANDATORY)

Name of Owner/ Corporation/ Cooperative/ Agency: _____

QUOTATION NO. 542

Name of Business : _____

DATE: MAR 17 2023

Address: _____

P.R. NO. 2026-03-GAA-Continuing-556

Email address: _____

ABC: Php. 512,595.00

FUND SOURCE: GAA

The Benguet State University through its Bids and Awards Committee will undertake _____
_____ for the item/s listed below under the following terms and conditions:

- All entries must be written legibly and accurately.
- Delivery period is within 30 calendar days.
- Warranty period shall be for a minimum of three months, in case of expendable supplies, and a minimum of one year in case of non-expendable supplies from date of acceptance by the University.
- Price validity shall be for a period of 45 calendar days.
- Compliance with specifications: Kindly specify in the column provided below whether the offer fully complies with the specifications or a counter offer.
- Deadline of submission of quotation is on or before 5:00 PM of March 25, 2023. Offers may be submitted in sealed or open quotation in person, or through facsimile (074-661-1839) or email (procurement@bsu.edu.ph)
- The item/s shall be procured by: / a) line item; / b) lot; / c) sub-lot
- Business Permit Number : _____, date of issue: _____, place of issue: _____, date of OR : _____
(If renewal of Business Permit is still on process, please indicate OR No. : _____)
- * PhilGEPS Registration Number: _____

College/Dept./Office: _____

GSO

JOSEL M. FLORENTIN

Chairperson, BAC (Goods & Services)

Item No.	Qty	Unit	Item	Technical Specifications (Brand and Model)		ABC	Unit Cost	Total Cost
				COMPLY	COUNTER OFFER			
			Supply and delivery of the following:					
1	1	unit	Professional Chainsaw, 36" (See attached technical specifications)			124,749.00		
2	2	unit	Professional Chainsaw, 20-25" (See attached technical specifications)			128,210.00		
3	2	unit	Forage/ Silage Chopper, 7.5 HP (See attached technical specifications)			260,000.00		
			TOTAL			P512,959.00		

Counter offers:

Delivery Period: _____

Warranty: _____

Price Validity: _____

We hereby submit our quotations, accept the general conditions for the above items and be bound by our offer.

Signature over Printed Name

Date and Time of Receipt of RFQ

* Not a ground for disqualification for failure to indicate but required as a condition for award.