

SCOPE OF SERVICES

1. Rationale and Objectives:

Dead, dying, pest-infested, and typhoon-damaged trees are natural components of a dynamic forest ecosystem influenced by biotic factors such as insect infestation, fungal infections, and tree competition, as well as climatic factors including typhoons, heavy rainfall, and prolonged droughts. While these trees contribute to nutrient cycling and habitat formation, they also pose significant risks to public safety, infrastructure, and overall forest health when left unmanaged.

Natural disasters such as typhoons, strong winds, and heavy rains further increase the likelihood of tree failures, broken branches, and uprooted vegetation, thereby heightening risks to life and property.

To mitigate these risks and maintain ecological balance, proactive forest management strategies are essential. Current efforts focus on emergency cutting, pruning, and tree retrieval operations, particularly for pest-infested and typhoon-fallen trees. These initiatives aim to:

- a. Control and prevent the spread of infestations and infections to healthy trees by removing disease-carrying or pest-infested trees;
- b. Ensure public safety by preventing injuries and property damage caused by falling branches or dead trees;
- c. Eliminate or reduce breeding grounds for tree pathogens and wood-boring pests;
- d. Promote natural regeneration and biodiversity by creating open spaces for young trees and undergrowth;
- e. Enhance the aesthetic and ecological value of the forest by removing unsightly dead trees and abandoned logs; and
- f. Recover, repurpose, and utilize wood portions from cut and retrieved trees, where feasible.

2. Scope of Work

2.1 Roles and Responsibilities of the Lumberjack Services Emergency Cutting/Pruning and/or Retrieval shall cover the following:

- 2.1.1 Conduct emergency cutting of up to thirty (30) priority trees that pose an immediate threat to public safety during and after disasters.
- 2.1.2 Ensure that the emergency tree cutting, pruning and retrieval operations adhere to the conditions outlined in the Emergency Tree Cutting Permit issued by the LGU through the CEPMO;
- 2.1.3 Adhere to safety standards and procedures during the emergency tree cutting and retrieval operations, including the use of safety harnesses, gloves, goggles, emergency warning devices, and hard hats;
- 2.1.4 Remove tree tops and branches before cutting the main trunk to ensure safety.
- 2.1.5 Cut the tree trunk into segments to prevent harm to individuals, surrounding vegetation, and structures.
- 2.1.6 Cut felled trees into shorter log lengths as directed by JHMC Foresters or CEPMO personnel. Logs suitable for lumber should be between six (6) and twelve (12) feet in length, while logs for firewood should not exceed two (2) feet.;
- 2.1.7 Do removal of the tree barks as part of freeing the logs from all pests and other pathogens embedded therein;
- 2.1.8 Spraying of the debarked logs including the removed barks with *green label* insecticide to exterminate any pest/pathogen embedded therein;
- 2.1.9 Undertake slicing of the debarked logs suitable for lumber into smaller sizes as instructed by the JHMC Foresters and/or CEPMO personnel;
- 2.1.10 Gather all barks and other wood wastes generated from the operation and dispose the same in an area to be designated by the JHMC Foresters;
- 2.1.11 Conduct hauling and delivery of the logs derived from the operation to the JHMC holding area for safekeeping and proper disposition as instructed by JHMC Foresters;
- 2.1.12 Conduct the cutting and hauling operations within the prescribed period in the Tree Cutting Permit issued by LGU.
- 2.1.13 Ensure to undertake the emergency cutting and hauling of logs always with the supervision /monitoring of JHMC Foresters and/or at least one (1) representative of LGU through CEPMO;
- 2.1.14 Take responsibility for the health and safety of its own workers involved in the emergency cutting, pruning and/or retrieval operations;

- 2.1.15 Take responsibility for the repair and/or restoration of any loss or damage to property/ies that might be incurred during the conduct of the emergency cutting, pruning and/or retrieval operations;
- 2.1.16 Ensure that ALL chainsaws to be used have valid permits issued by the DENR CENRO Baguio City;
- 2.1.17 Shall not hold JHMC accountable for any injury /damage and/or loss of lives that might be incurred during the conduct of the emergency cutting, pruning and/or retrieval operations.

2.2 Roles and Responsibilities of JHMC

- 2.2.1 Provide assistance in locating identified trees posing danger to public safety;
- 2.2.2 Provide security assistance when deemed necessary to the pertinent tasks;
- 2.2.3 Be in charge of the application and processing of the Tree Cutting Permit from the concerned government agencies;
- 2.2.4 Be in charge for the supervision and monitoring of the emergency cutting, pruning and/or retrieval activities;

3. Expected Outputs

The contractor shall render services according to agreed schedules and timelines, ensuring compliance with the issued Tree Cutting Permit.

4. Contract Duration

The contract duration shall be effective for nine (9) months from the issuance and acceptance of the Purchase/Job Order by the contractor until the completion of the delivery of logs to the JHMC holding area for safekeeping and proper disposition.

However, commencement of lumberjack works is contingent upon the issuance and approval of the Tree Cutting Permit by the LGU through CEPMO. Extensions may be granted if circumstances warrant additional time for completion.

5. Mode of Payment

5.1 The Contractor shall submit to JHMC a Billing Statement or Statement of Account (SOA) for every completed emergency tree cutting, pruning, and/or retrieval activity.

5.2 Billing shall be based strictly on the **actual work performed**, as authorized and verified by JHMC, particularly for emergency cutting, pruning and/or retrieval operations arising from calamities, typhoons, or other emergency situation

5.3 Payments shall be processed on a staggered and per-incident basis, corresponding only to completed and duly verified emergency cutting, pruning, and/or retrieval operations.

5.4 JHMC shall prepare a **Post-Cutting, Pruning and/or retrieval Report** to confirm and document the successful completion of each tree cutting, pruning, and/or retrieval activity, which shall serve as the basis for payment processing.

5.5 Payment shall be subject to verification of completed works and compliance with applicable conditions of the approved Tree Cutting Permit

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Agency Estimate
PROCUREMENT OF ON-CALL LUMBERJACK SERVICES CY 2026

No of Trees for Cutting: 30

	Days	Base Rate
1 Manpower Requirement		
foreman with extra hazard pay		1200.00
	18	<i>43,200.00</i>
5 Assistant Lumberjacks, chainsaw operation- skilled (slicing, hauling, clearing, cleaning,		800.00
	18	<i>72,000.00</i>
Truck crane operator and driver		600.00
	18	<i>108,000.00</i>
Total Labor Cost		223,200.00
2 Fuel, lubricants expenses (vehicles, chainsaws)		13,200.00
3 Equipment and vehicle (trucks) use, 2 trucks,18 days		99,000.00
Total Direct Cost		335,400.00
4 Administrative Cost		
Overhead, Indirect Expenses	15% of labor	33,480.00
5 Profit	10.0%	33,540.00
6 12% VAT		17,481.60
H TOTAL AGENCY ESTIMATE		419,901.60
	Say	420,000.00

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