

**ADDITIONAL SALE PREPARATION INFORMATION:** This timber sale contains eight (8) Payment Units. Payment Units 1 and 2 are Cut Tree Marked (CTM). In Payment Units 1 and 2, the timber to be cut is designated by **Yellow** paint marks at the base and at eye level. Sawtimber trees are designated with 2 base spots and softwood-other (small roundwood trees) with 1 base spot. Payment units 3 thru 8 are Clear Cut units (CC). All pine trees meeting utilization standards in AT2 are designated for cutting. No hardwood is to be removed. All boundaries are marked with Orange paint. **Unless designated by the Forest Service, trees will not be removed outside these designated boundaries.**

**VOLUME AND SAMPLING INFORMATION:** Sawtimber volumes are based on the CCF tree measurement rule. Sawtimber and pulpwood/topwood volume were determined from tree measurement volume equations for the Sabine National Forest. Sawtimber volume to be sold reflects reduction for defect and is graded.

The pine sawtimber is approximately 85% Loblolly Pine, 10% Slash Pine, 4% Longleaf Pine and 1% Shortleaf Pine.

The following methods were used to estimate timber volume and data:

**Cut Tree Marking (CTM)** – Payment Units 1 and 2 were cruised and volumes estimated utilizing the Sample Tree Measurement method. Sampling intervals for the various products/diameter classes are as follows:

Payment Unit	Species/Product	Sample Tree Measurement		100% TreeMeasurement
		DBH Range Sampled	Sample Interval	DBH Range
1 & 2	Softwood-Other	5.0 – 10.9”	1 in 200	11.0”+
1 & 2	Pine Sawtimber	11.0”+	(See Below)	23.0”+

	Pine Sawtimber
Diameter Class (4” classes)	Sample Interval
11.0-14.9”	1 in 100
15.0-18.9”	1 in 100
19.0-22.9”	1 in 75
23.0”+	1 in 1

**Clear Cut (CC)** – Payment Units 3 thru 8 were cruised and volumes estimated utilizing the Point Count Measure Tree method. Measurements were taken on one hundred and fifty (150) variable radius plots using a 10 BAF prism and volume estimated on 211 acres.

Payment Unit	Species/Product	PCMTRE Measurement		100% TreeMeasurement
		DBH Range Sampled	Sample Interval	DBH Range
3 thru 8	Softwood-Other	5.0 – 10.9”	Varilable Radius Plot	N/A
3 thru 8	Pine Sawtimber	11.0”+	Variable Radius Plot	N/A

**RELEASE OF PAYMENT UNITS FOR CUTTING.** Purchaser must get a written release from the Forest Service before entering any payment unit. Before a payment unit can be accepted as completed, cutting and all other contract obligations must be completed. Unless otherwise agreed, no more than two (2) payment units may be operated at one time.

**USE OF ROADS.** Trucks used in hauling timber from this sale over roads under Forest Service jurisdiction are subject to State and County load, weight, length, height and width limitations. Any exceptions to these limitations are posted by individual road or road segment. Prospective bidders are urged to check out any questions on haul route with the District Ranger before submitting bids. **In addition, road use permits may be required by the County for use of roads under their jurisdiction. Purchaser is responsible for obtaining proper authorization for use of roads.**

**EQUIPMENT CLEANING:** Prior to moving Off-Road equipment onto the Sale Area, Purchaser shall inform the Forest Service of the most recent area of equipment use due to the presence of invasive species (Cogon Grass) within Jasper County and western Louisiana. If equipment has been used within areas containing Cogon Grass or other invasive species of concern, cleaning of Off-Road equipment will be required prior to moving on the Sale Area. Off-Road equipment includes all logging and construction equipment, **EXCEPT** for log trucks, chip vans, service vehicles, water trucks, pickup trucks, cars and similar vehicles. **See contract provision BT6.35 for additional information.**

**ROAD MAINTENANCE.** The purchaser will be required to perform road maintenance on roads used, which the Forest Service maintains, commensurate with purchaser's use of such roads. Road maintenance requirements are estimated for a proposed haul route. Any change from the proposed haul route may necessitate a change in the roads to be maintained or in the amount of required deposit for road maintenance. The estimated cost of road maintenance has been allowed for the appraisal. **See contract provision CT 5.31# for additional information.**

**TEMPORARY ROADS.** The location and clearing widths of all temporary roads and landings shall be approved by the Forest Service before construction or use is started. The estimated quantity of timber in this sale does not include timber within the clearing limits of Temporary Roads. Any additional timber requiring removal will be designated by the Forest Service and paid for at contract rates prior to cutting.

Purchaser shall maintain all erosion control structures such as waterbars and broad-based dips in a functional condition during operations. Purchaser shall reshape road surface and close all Temporary Roads prior to prolonged periods of non-use or when use is completed. Outside berms shall be removed by pulling the material back onto the road surface. Prior to final road closure, unless otherwise agreed, the road surface shall be ripped or scarified to reduce runoff and aid in revegetation.

**PROTECTION OF SPECIAL AREAS:** Within the sale area are **Red Cockaded Woodpecker Clusters** are shown on the **Sale Area map**. Logging operations are restricted within the RCW Clusters. **Unless otherwise agreed by the in writing, operations will only occur within RCW Clusters when a designated Forest Service representative is present.**

RCW cavity trees are Reserve Trees and are designated by a White band of paint at eye level and a white spot at ground level. **See contract provision CT6.222# for additional requirements.**

**THREATENED, ENDANGERED, OR SENSITIVE SPECIES HABITAT INFORMATION:** This contract has known Red Cockaded Woodpecker (RCW) clusters within Payment Units and along designated haul routes. These areas are located in:

- Within Payment Unit 1.
- National Forest System Road (NFSR) 152 and Payment Units accessed by this road.

In these areas, the following restrictions on logging operations are required:

- Unless the Forest Service determines that logging activities will not harm RCW breeding and nesting, no logging operations will be allowed from **April 1 thru July 31** in the above listed areas.
- Outside of this exclusion period, Logging equipment and log hauling trucks cannot operate within 200 feet RCW nesting trees until 1 hour after sunrise and must stop operations 1 hour before sunset.
- The construction of new log landings and temporary roads will not be allowed within 200 feet of RCW nesting cavity trees; however the use of existing ones may be approved.

200 foot boundaries adjacent to RCW cavity trees will be designated by the Forest Service with ribbon flagging prior to the start of logging operations in these areas.

If during logging operations, a new cavity tree is found or RCW activity is observed in previously uninhabited existing ones, logging operations in the adjacent area shall cease and the Forest Service shall be notified

**EROSION CONTROL.** Purchaser will install waterbars as logging in a payment unit and use of roads is completed. At this time, temporary and skid roads will be bladed to pull outside berms, reshape road surface to assure adequate surface drainage, construct waterbars where designated, and install barricades to block temporary roads to normal vehicular traffic where designated.

The Forest Service will **not** agree to perform the waterbarring and road blocking work for the purchaser. The purchaser shall also install temporary waterbars if logging operations are stopped for prolonged periods prior to completing a payment unit. The Forest Service will **not** agree to perform such this waterbarring work.

Where waterbars or similar measures won't provide satisfactory erosion control, purchaser shall vegetate areas where soil disturbance will result in soil losses from erosion. Areas specified by the Forest Service will be fertilized with 300 pounds of 13-13-13 commercial fertilizer (or equivalent) per acre and seeded in accordance with the sample contract provision CT6.601# specifications.

The Forest Service will **not** agree to perform the seeding and fertilizing work for the purchaser.

**NORMAL OPERATING SEASON.** The normal operating season is From **August 1<sup>st</sup> - March 31<sup>st</sup>**.

**SLASH DISPOSAL/TREATMENT.** Purchaser will be required to remove all logging slash and other debris resulting from logging operations off cleared pipelines and powerline rights-of-way, off road surfaces, shoulders, and draining ditches, off trails, and out of protected streamcourses shown on the Sale Area Map.

If slash is deposited on other ownership, Purchaser shall promptly remove such logging slash.

**PROTECTION OF STREAMCOURSES.** Culverts or temporary bridges will be required where temporary and skid roads cross protected streamcourses shown on Sale Area Map unless otherwise agree. The location of these crossings shall be approved in advance by the Forest Service. Purchaser shall furnish and install such culverts or temporary bridges and shall remove them upon completion of operations.

Unless otherwise agreed, all vehicles are prohibited within a **Orange** marked boundary along either side of protected streamcourses, or wet areas, except as necessary to construct or remove streamcrossing structures. The CT6.5# Streamcourse Protection, provision discusses this in detail.

**PRE-WORK CONFERENCE.** A pre-work conference will be held with the designated representatives before Purchaser begins operations. The purpose of the conference is to ensure designated representatives have a clear understanding of the contract requirements and obligations. The time and place for conference will be arranged by Forest Service.