

ADDITIONAL SALE PREPARATION INFORMATION: This timber sale contains nine (9) Payment Units designated for cutting. Payment Units 1,2, and 3 included timber is designated using the Leave Tree Marking (LTM) method, as shown on the contract area map. Trees to be **left** are designated with an ORANGE band and stump spot. All other live trees meeting minimum merchantability specifications listed in AT2 are included timber and to be removed. In Payment Units 4, 5, 6, 7, 8, and 9 trees designated for cutting are Cut Tree Marked (CTM) and are designated with paint marks at about eye level and on the stump. Sawtimber trees have two stump spots and small roundwood trees have one stump spot.

In Payment Units 4 and 9 the timber to be cut is designated by **Yellow** paint marks at the base and at eye level. In Payments Unit 5 and 7, the timber to be cut is designated by **Blue** paint marks at the base and at eye level. In Payment Units 6 and 8 the timber to be cut is designated by **Green** paint marks at the base and eye level.

Only such trees so identified in each payment unit are to be cut. Potential purchasers should pay special attention to the boundary trees that are painted with **3 Orange slash** marks at or above eye level and 1 paint spot at the base. **Boundary trees are not designated for removal. Trees will not be removed outside these designated boundaries. For more information on Payment Unit Boundaries see special provision, KT-CT3.0#.**

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 Davy Crockett National Forest. Sawtimber volume to be sold reflects reduction for defect and is graded.

The pine sawtimber is approximately 84% Loblolly Pine and 16% Shortleaf Pine.

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

Cut Tree Marking (CTM) – Payment Units 4 - 9 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% Tree Measurement
		DBH Range Sampled	Sample Interval	DBH Range
4 - 9	Softwood-Other	5.0” - 10.9”	1 in 250	N/A
4 - 9	Pine Sawtimber	11.0”-42.0”	(See Below)	N/A
4 - 9	Hardwood Pulpwood	6.0” – 11.9”	1 in 250	N/A
4 - 9	Hardwood Sawtimber	12.0”- 26.0”	(See Below)	19.0”+

Diameter Class (2” classes)	Pine Sawtimber
	Sample Interval
11.0” - 16.9”	1 in 150
17.0” - 22.9”	1 in 150
23.0” – 28.9”	1 in 70
29.0” +	1 in 3

Diameter Class (2” classes)	Hardwood Sawtimber
	Sample Interval
11.0” - 16.9”	1 in 90
17.0” - 18.9”	1 in 40
19.0”+	1 in 1

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.**

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 in the appraisal. **See Special provision KT-FT.3.1# for additional information.**

TEMPORARY ROADS AND LANDINGS: The location and clearing widths of all NEW temporary roads and NEW landings shall be approved by Cultural Resource Personnel before construction or use is started. Identification and location of new temporary roads and landings must be made 3 days in advance, in order to be approved. This will apply to the entire sale boundary(BT.1.1). The estimated quantity of timber in this sale does not include timber within these clearing limits. 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.

EQUIPMENT CLEANING: Prior to moving Off-Road equipment onto the Contract 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, 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, GT3.5 for additional information.**

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** perform such temporary 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 Special Provision KT-GT.6.0.1# 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 Jan 1 thru December 31. Red Cockaded Clusters occupy portions of Payment Units 1, 3, 4, 7, and 9. Operations and access routes through or in these RCW cluster areas will be restricted during RCW nesting season April 1 thru July 31.

With Forest Service approval, logging, road construction or maintenance, and erosion control operations may occur outside the normal operating season when conditions permit operations without undue damage to forest resources.

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 Contract Area Map.

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

DIRECTIONAL FELLING: Unless otherwise agreed in writing. Purchaser shall fell trees away from protected streamcourses, improvements, and public roads. This applies to all payment units as shown on the Sale Area Map.

PROTECTION OF SPECIAL AREAS: Within the sale area are Red Cockaded Woodpecker Clusters (RCW). Logging operations are restricted within the RCW Clusters. **Unless otherwise agreed by the Forest Service in writing, operations will only occur within RCW Clusters when a designated Forest Service representative is present. There will be no logging operations conducted within active RCW Clusters during nesting season (April 1- July 31). Logging may be**

permitted in inactive clusters with US Fish And Wildlife Permission. 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 Special Provision KT-GT.2.2.3# for additional requirements

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 KT-GT.5 Streamcourse Protection provision discusses this in detail.

PROTECTION OF IMPROVEMENTS: The following improvements are located within or adjacent to the sale area:

- Fences
- Utilities
- Other Ownership
- Landline, and associated witness trees.
- Existing, constructed, and reconstructed culverts and other structures on or along NFSRs 510D and 510D2.

Purchaser shall protect these improvements during operations and shall be responsible for prompt repair of any damage caused to them. Operations shall not begin until all necessary arrangements to protect these improvements and prevent damage have been made. Purchaser shall contact utility companies in advance of constructing crossings to ensure necessary arrangements to protect improvements.

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.