

KT-CT.2.1 - UTILIZATION AND REMOVAL OF INCLUDED TIMBER (09/2004)

CT.2(b) notwithstanding, bucking lengths shall be varied to ensure that the maximum sawlog piece that may be left is 2 feet and that the maximum small roundwood piece that may be left is 5 feet.

Where cut trees are identified by paint, the Contractor shall leave stumps of a minimum height to avoid obliterating paint markings that indicate individual trees to be cut.

KT-CT.3.0# - PAYMENT UNIT BOUNDARIES (09/2004)

The boundaries of Payment Units are designated as shown in the following table. The trees used for boundary designation are not to be cut.

See Table KT-CT.3.0# - Payment Unit Boundaries, Payment Unit Boundary Designation Table

Sample

KT-CT.3.0# - Payment Unit Boundaries Table

Payment Unit Boundary Designation Table

<u>Payment Unit</u>	<u>Paint Color</u>	<u>Designation</u>
All	Orange	<p>-Boundary line trees are marked at eye level with three (3) horizontal slash marks and a spot at ground level with the eye level marks facing into the interior of the Payment Units.</p> <p>-Yellow boundary posters with sale name and Payment Unit are stapled to boundary trees and face outward at locations where the Payment Unit boundary intersects or coincides with roads.</p>

Sample

KT-CT.3.5.5# - INDIVIDUAL TREES (09/2004)

CT.3.5 notwithstanding, the following individual trees are Marked with paint above and below stump height:

Cut Tree Marking. Individual trees to be cut are Marked in all or parts of the following Payment Units. Areas of cut tree marking are shown on the Contract Area Map with the symbol CTM.

**See Table KT-CT.3.5.5# - Individual Trees, Cut Tree Marking**

Leave Tree Marking. Individual trees to be left uncut are Marked in all or parts of the following Payment Units. Unmarked trees meeting Utilization Standards in AT.2 shall be cut. Areas of leave tree marking are shown on the Contract Area Map with the symbol LTM.

**See Table KT-CT.3.5.5# - Individual Trees, Leave Tree Marking**

Sample

KT-CT.3.5.5# - INDIVIDUAL TREES Table

Cut Tree Marking.

<b>1/ Payment Unit(s)</b>
6, 12

<b>2/ Paint Color</b>
Blue

Leave Tree Marking.

<b>1/ Payment Unit(s)</b>
1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 13

<b>2/ Paint Color</b>
Orange

Sample

(a) Payments are due and payable on the date of issue indicated on the bill for collection. When a payment for timber cut and other charges is not received at the location designated by Forest Service by the date specified in the bill for collection, Contracting Officer will suspend all or any part of Contractor's Operations until payment or acceptable payment guarantee is received. Other charges include, but are not limited to:

- (i) Slash disposal and road maintenance deposits;
- (ii) Cooperative work at rates established by specific agreement under ET.2.1.8;
- (iii) Damages pursuant to JT.4;
- (iv) Road use fees;
- (v) Restoration of downpayment pursuant to ET.2.2;
- (vi) Periodic payments pursuant to ET.2.1.3;
- (vii) Extension Deposits pursuant to ET.2.1.7; and
- (viii) Other mandatory deposits.

(b) Failure to pay amounts due by the date specified in the bill for collection shall be considered a breach under JT.3. The 30-day notice period prescribed therein shall begin to run as of the end of business on the date specified for receipt of payments. If the performance or payment is guaranteed by surety bond, the surety will receive a copy of the written notification of breach. Demand will be made on the surety or other institution providing the guarantee or bond instrument for immediate payment 10 days after issuance of written notification of the breach.

(c) Pursuant to the Debt Collection Improvement Act of 1996, as amended, if payment is not received by Forest Service within 15 days after the date of issue indicated on the bill for collection:

(i) Simple interest shall be assessed at the Current Value of Funds Rate as established by the Secretary of the Treasury. Interest will begin to accrue as of the date of issue indicated on the initial bill for collection.

(ii) Debtors will be assessed administrative charges, in addition to the delinquent amount due. Administrative charges are those additional costs incurred by the Government in processing, handling, and collecting delinquent debts.

(iii) A penalty charge of six (6) percent per annum will be assessed on any portion of a debt delinquent more than 90 days. This penalty charge is in addition to interest and administrative charges under paragraphs (c)(i) and (c)(ii). The penalty charge shall accrue from the date of issue indicated on the bill for collection and shall be assessed on all outstanding amounts, including interest and administrative costs assessed under paragraphs (c)(i) and (c)(ii).

(iv) Payments will be credited on the date received by the Federal Depository or Collection Officer designated on the bill for collection.

(d) Forest Service remedies for Contractor's failure to make payment for timber cut and other charges when due, except for accrual of interest, suspension of all or any part of Contractor's Operations, and administrative offset, shall be stayed for so long as:

- (i) A bona fide dispute exists as to Contractor's obligation to make such payment and
- (ii) Contractor files and prosecutes a timely Claim.

KT-FT.1.1.2# - USE OF ROADS BY CONTRACTOR (09/2004)

Contractor's use of existing roads identified on Contract Area Map by the following codes is prohibited or subject to restrictive limitations, unless agreed otherwise:

Code	Use Limitations
X	Hauling prohibited
R	Hauling restricted
U	Unsuitable for hauling prior to completion of agreed reconstruction
P	Use prohibited
A	Public use restriction
W	Regulation waiver

Roads coded A will be signed by the Forest Service to inform the public of use restrictions. Contractor's use of roads coded R, A, or W shall be in accordance with the following restrictions:

**See Restricted Road List Table.**

Sample

KT-FT.1.2# - Restricted Road List Table

<b>Road Number</b>	<b>Road Name</b>	<b>Termini</b>		<b>Map Legend</b>	<b>Description of Restrictions</b>
		<b>From</b>	<b>To</b>		
591		513F	north	XXX	Hauling Prohibited

Sample

KT-FT.1.2.3# - LIMITED USE ROADS (09/2004)

The Contractor's use of roads listed in the following table will be governed by the conditions stated herein. The definition of damage for these roads is less restrictive than for other National Forest transportation system roads. Rutting, chuckholes, and other deterioration of the traveled way will not constitute damage under FT.1.2 unless such deterioration causes, or will, under normal conditions cause:

a. Damage to natural resources, or

b. The loss or failure of roadway features such as drainage ditches, dips, culverts or slopes. These roads are expected to provide limited use efficiency. The Contractor may elect to agree in writing to place surface materials to increase use efficiency provided:

a. Materials are supplied and placed at no additional cost to the Forest Service

b. Quality and gradation are equal to or better than that in place or as indicated in the table below or as otherwise agreed

c. Materials shall not be placed on roads being constructed by the Forest Service for the Contractor's use until use of roads is authorized pursuant to KT-FT.1.3#.

**See Table KT-FT.1.2.3# - Limited Use Roads**

Sample

KT-FT.1.2.3# - Limited Use Roads

Limited Use Roads			
Road No.	Road Name	Termini	Type of Surfacing
FSR 513A	NA	0.2	Native
FSR 513F	NA	0.3	Native
FSR 513S	NA	0.7	Native

Sample

KT-FT.3.1# - ROAD MAINTENANCE REQUIREMENTS (09/2004)

Contractor shall maintain roads in accordance with the following Contract Road Maintenance Requirements Summary:

See Contract Road Maintenance Requirements Summary Table.

Sample

KT-FT.3.1# - Contract Road Maintenance Requirements Summary Table

**Contract Road Maintenance Requirements Summary Table**

Road	Termini		Miles	Applicable Prehaul Road Maintenance Specifications								
	From	To		4020								
513	CR	U13 pit	1.2	P								

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

Road	Termini		Miles	Applicable During Haul Road Maintenance Specifications								
	From	To		1020	1030	1040						
513	CR	U13 pit	1.2	P		P						
591	CR	U6	1.6	P	D	P						

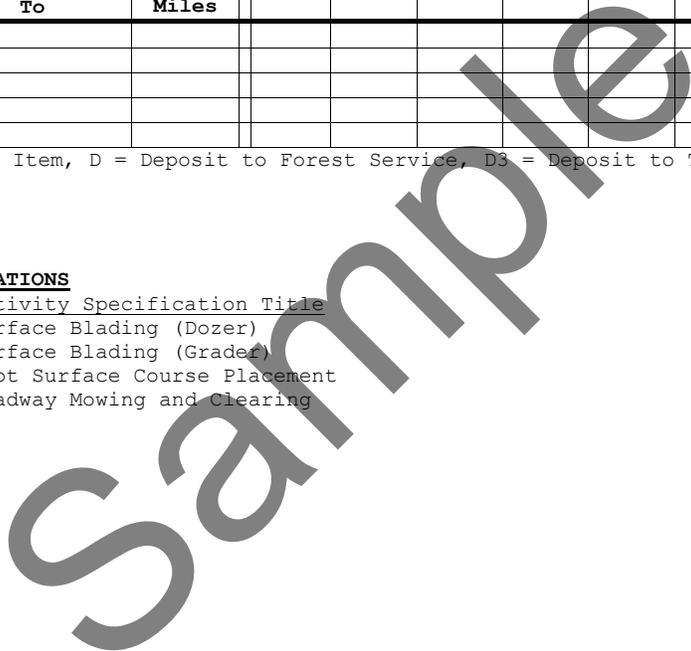
P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

Road	Termini		Miles	Applicable Post Haul Road Maintenance Specifications								
	From	To										
N/A												

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

**INCLUDED SPECIFICATIONS**

<u>Activity No.</u>	<u>Activity Specification Title</u>
1020	Surface Blading (Dozer)
1030	Surface Blading (Grader)
1040	Spot Surface Course Placement
4020	Roadway Mowing and Clearing



KT-FT.3.2# - ROAD MAINTENANCE DEPOSIT SCHEDULE (08/2012)

Other provisions herein notwithstanding, when Forest Service requests payment in lieu of Contractor's performance of road maintenance, Contractor shall make Required Deposits (16 USC 537) for current and/or deferred road maintenance. Such deposits are based on the estimated volume and distance hauled and Contractor's commensurate use of each road listed in the Road Maintenance Plan in KT-FT.3.1#.

Contractor and Forest Service may agree in writing on adjustment of such rates. If Contractor uses roads under jurisdiction of Forest Service other than those listed in the Road Maintenance Plan, Forest Service shall establish rates commensurate with Contractor's use of such roads.

The Required Deposits for Forest Service work in lieu of Contractor performance are \$.09 per CCF for recurrent maintenance, and N/A per CCF for deferred maintenance.

The following table lists who Contractor will make deposits for road maintenance to, and the rate per unit of measure of the deposit. The Road Maintenance Agreement is available for inspection at the Forest Supervisor's Office.

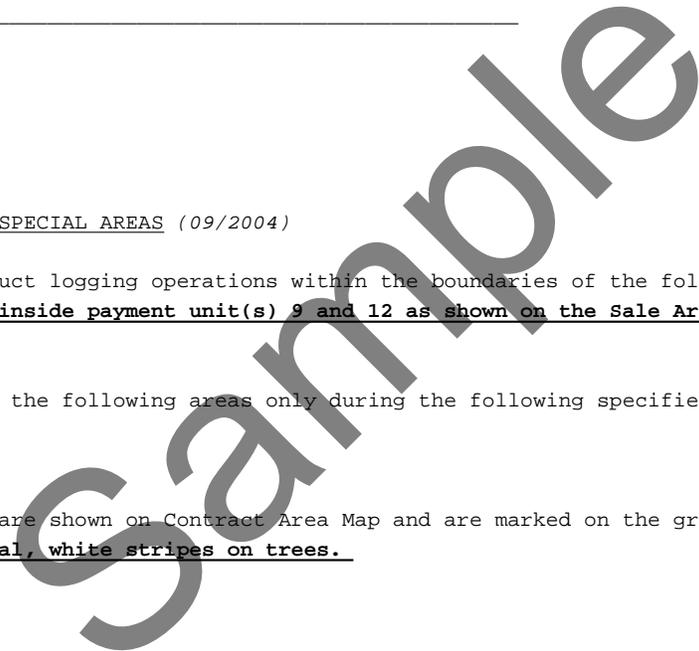
Deposit Made To	Rate	Unit of Measure
<hr/>		
N/A		

KT-GT.2.2.3# - PROTECTION OF SPECIAL AREAS (09/2004)

The Contractor shall not conduct logging operations within the boundaries of the following areas: special areas located inside payment unit(s) 9 and 12 as shown on the Sale Area Map.

Logging shall be permitted in the following areas only during the following specified times: N/A

The locations of these areas are shown on Contract Area Map and are marked on the ground by the following means: three diagonal, white stripes on trees.



KT-GT.2.3.1 - PROTECTION OF LAND SURVEY MONUMENTS (09/2004)

The Forest Service shall appropriately designate on the ground all known surveying monuments, section corners and other corner accessories. Bearing trees shall be posted by the Forest Service with at least one bearing tree sign and a 6-inch red paint band around bole of tree about 6 feet above ground.

If any known monuments, corners or accessories are destroyed, obliterated, or damaged during the Contractor's Operations, the Contractor may make Required Deposits (16 U.S.C. 572) at rates stated in the Monument Restoration Schedule listed below. Such deposits shall be the minimum rates charged, and will be deposited in a special account. Minimum rates shall be adjusted upwards to cover actual costs incurred on all restoration projects.

The Contractor and the Forest Service may agree in writing on actual cost for partial restoration projects. If the Contractor destroys, obliterates or damages Land Survey Monuments or accessories other than those listed in said schedule, Forest Service shall establish rates commensurate with the Contractor's liability.

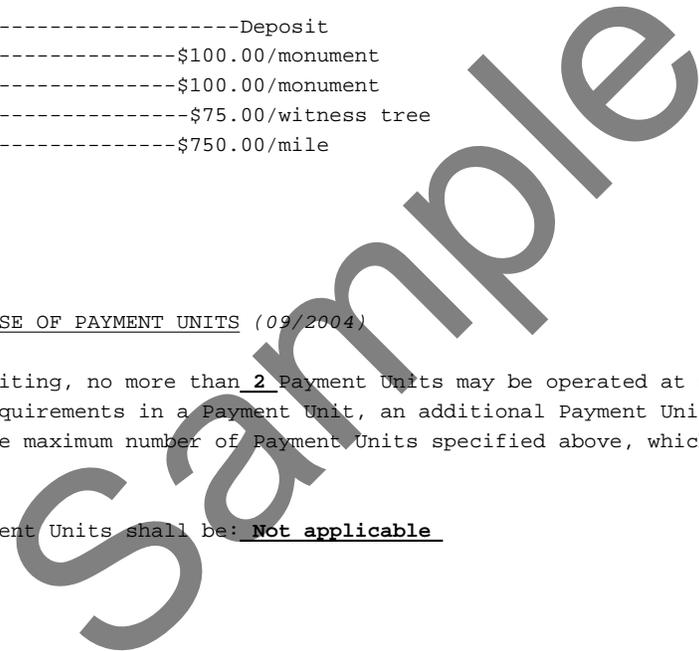
Monument Restoration Deposit Schedule

Type of Monument-----	Deposit
Exterior F.S. Survey Monument-----	\$100.00/monument
Interior F.S. Survey Monument-----	\$100.00/monument
Witness Tree-----	\$75.00/witness tree
Exterior Property Lines-----	\$750.00/mile

KT-GT.3# - SCHEDULE FOR RELEASE OF PAYMENT UNITS (09/2004)

Unless otherwise agreed in writing, no more than 2 Payment Units may be operated at one time. Upon completion of all contract requirements in a Payment Unit, an additional Payment Unit may be released for cutting if by such release the maximum number of Payment Units specified above, which may be operated at one time, is not exceeded.

The sequence for cutting Payment Units shall be: Not applicable



KT-GT.4.0.2# - LOGGING EQUIPMENT RESTRICTIONS (09/2004)

Unless otherwise agreed in writing, Contractor shall take the following measures to minimize breakage of logs and to protect residual trees and other National Forest resources:

Not Applicable Tractors used for shearing, felling/bunching, or skidding shall not exceed the overall width and shall be of the type designated below:

See Table KT-GT.4.0.2# - Logging Equipment Restrictions

Applicable In Payment Unit(s) all payment units, logging shall be conducted with rubber-tired skidders. However, bulldozer constructed temporary roads to agreed upon landing locations will be required.

Applicable In Payment Unit(s) all payment units the following equipment shall be prohibited: rubber-tired skidders are prohibited from use to construct temporary roads.

Sample

KT-GT.4.0.2# - LOGGING EQUIPMENT RESTRICTIONS TABLE

2/ Payment Unit(s)
NA

3/ Tractor Type
N/A

4/ Tractor Width
N/A

Sample

KT-GT.4.1.4# - DIRECTIONAL FELLING OBJECTIVES (09/2004)

Unless otherwise agreed in writing, in areas shown on Contract Area Map as subject to this provision, the Contractor shall control the direction of fall of Included Timber by wedging, jacking, lining, or other appropriate methods. Methods used shall result in felling trees away from Special Areas in payment unit(s) 9 and 12.

Applicable Unless otherwise agreed, the location of tractor skid roads shall be approved in advance of felling operations.

KT-GT.5# - STREAMCOURSE PROTECTION (09/2004)

The following are required in addition to the Standard Provisions under GT.5:

Applicable Fords may be permitted with written authorization in locations containing rock or rock-fragment bottoms or where streams can be protected with corduroy or gravel.

Applicable All vehicles are prohibited within a N/A Marked boundary along either side of Streamcourses that are shown on the Contract Area Map. Vehicles will be allowed to cross Streamcourses only at locations designated by the Forest Service or as essential to construction or removal of culverts or bridges.

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KT-GT.6.0.1# - REVEGETATION PLAN AND SPECIFICATIONS (09/2004)

Where soil has been disturbed by Contractor's operations and vegetation is needed to minimize erosion, Contractor shall take appropriate measures according to the following specifications or other agreed stabilization measures:

Temporary road cuts, fill slopes, and shoulders shall be seeded and fertilized within 15 days of construction during the seeding season(s).

Temporary road surfaces, landings, and skid trails shall be seeded when not to be used for a period exceeding 60 days during the seeding season(s).

Temporary road cuts, fill slopes, and other soil disturbance within 25 feet slope distance of a streamcourse shall be seeded and mulched within 3 days of the disturbance.

Exposed soil on temporary roads, skid trails and landings no longer needed for the Contractor's operations shall be seeded and fertilized within 30 days of discontinued use during the seeding season(s). Soil tilling to cover seed may be required under dry site conditions.

Bare areas or roads with soil compaction will require harrowing, disking or ripping. Fertilizer shall be applied and mixed thoroughly with the soil prior to seeding. Due to compaction, it may be necessary to till the soil to a depth of 6 inches or more.

The seeding season(s) shall be during the inclusive listed below, unless otherwise agreed.

See KT-GT.6.0.1# - Revegetation Plan and Specifications, Seeding Season(s) Table

The following kinds and amounts per acre of seed and fertilizer shall be applied, unless otherwise agreed:

See KT-GT.6.0.1# - Revegetation Plan and Specifications, Fertilizer and Seed Table

Applicable Mulch at the rate of 4029 pounds per acre shall be applied. The Forest Service will identify the areas where mulch is required in addition to those specified elsewhere in this contract. Hay, straw, pine straw or shredded bark or other mulch acceptable to the Forest Service may be used as mulching material.

Applicable The Forest Service shall agree to the timing of the seeding operations.

Not Applicable Seeding operations shall not begin without the presence of a Forest Service representative.

Applicable Other revegetation specification: on moderate to steep slopes or wherever erosion potential is high, broadcast clean straw (wheat, barley or other grain) mulch at 2-3 inches deep over disturbed area (or one 74 pound bale per 800 square feet). On severe slopes secure mulch with punching, netting or matting.

If the Forest Service performs such work as provided under a written cooperative agreement (16 U.S.C. 572), the Contractor shall make the following deposit:

See KT-GT.6.0.1# - Revegetation Plan and Specifications, Cooperative Deposit Table

CT6.601# - Revegetation Plan and Specification Table

Seeding Season	From Date	To Date
Season 1	February 1	March 31
Season 2	April 1	August 31
Season 3	September 1	November 30
*Native Warm Season Grass	April 1	June 15

\*In wildland areas where short-term erosion potential is low and native understory integrity is critical, a Native Warm Season Grass mix may be used during the dates identified above. These areas will be identified by the Forest Service.

		Season 1		
Fertilizer	Pounds/Acre	Seed	Pounds/Acre	
13-13-13	350lbs/acre	Partridge Pea	15	
		**Annual Ryegrass	**10	

		Season 2		
Fertilizer	Pounds/Acre	Seed	Pounds/Acre	
13-13-13	350lbs/ac	Brown Top Millet	25	
		Iron-Clay Cowpeas	20	
		Grain Sorghum OR Black Oil Sunflower	10 or 2	
		**Annual Ryegrass	**10	

		Season 3		
Fertilizer	Pounds/Acre	Seed	Pounds/Acre	
13-13-13	350/acre	Winter Wheat	50	
		Oats	50	
		Crimson Clover (inoculated) OR Ladino Clover (inoculated)	10 or 2	
		**Annual Ryegrass	**10	

\*\*Use where you have moderate to high erosion potential, add to mix.

If the Forest Service performs such work as provided under a written cooperative agreement (16 U.S.C. 572), the Purchaser shall make the following deposit:

<b>Lump Sum Amount</b>	<b>Amount Per Unit of Volume</b>
\$64.00	N/A

Applicable Unless otherwise agreed in writing, Temporary Road construction shall not be scheduled to occur outside the seeding season(s) listed in KT-GT.6.0.1#.

Applicable Unless otherwise agreed in writing, Temporary Road construction shall not be scheduled to occur outside the Normal Operating Season(s) listed in AT.13.

The location and clearing widths of all Temporary Roads shall be agreed to and all timber within the clearing limits shall be paid for before construction is started. Temporary roads shall follow the general contour insofar as practical with maximum grades not to exceed 10 percent for lengths up to 30 feet. Construction shall include frequent broad-based dips or breaks in grade as necessary to remove runoff from the road. Clearing width shall not exceed that needed for safe and efficient operations, and the travel way shall not exceed 12 feet except at turnouts and landings. Crossings shall be located perpendicular to any stream or drainage.

Concurrent with Temporary Road construction, the Contractor shall install straw or hay bales, silt fence or brush/slash barriers at the base of the fill along Temporary Roads adjacent to Streamcourses and at other sensitive areas shown on Contract Area Map per the following requirements:

**See Table KT-GT.6.3.2# - Temporary Roads, Silt Barrier Table**

At Streamcourse crossings, cut and fill slopes and other disturbed areas within 25 feet slope distance of the Streamcourse shall be protected by seeding and mulching N/A.

As necessary to attain stabilization of roadbed and cut and fill slopes of Temporary Roads, the Contractor shall employ such measures as outsloping, revegetation, mulching, drainage dips, water spreading ditches and silt barriers.

Unless otherwise agreed, cut banks and fill slopes shall be sufficiently sloped to facilitate revegetation.

The Contractor shall place and maintain the following depth of gravel or crushed stone on all Temporary Roads at the following locations:

**See Table KT-GT.6.3.2# - Temporary Roads, Gravel Requirements Table**

Contractor shall maintain all erosion control structures such as silt barriers, water-spreading ditches and broad based dips in a functional condition during Contractor's Operations. Contractor shall stabilize and close to vehicular traffic all Temporary Roads prior to periods of inactivity.

Except for Temporary Roads to remain open under GT.6.3.1, after a Temporary Road has served Contractor's purpose, the Contractor shall give notice to the Forest Service and shall remove bridges and culverts, eliminate ditches, out-slope roadbed, remove ruts, remove outside berms by pulling the material back onto the road surface, effectively block the road to normal vehicular traffic, and build cross ditches and water bars as staked or otherwise marked on the ground by Forest Service unless agreed otherwise in writing. When bridges and culverts are removed, associated fills shall also be removed to the extent necessary to restore channel to natural size, slope and bottom, and to permit normal maximum flow of water and protection of adjacent resources.

KT-GT.6.3.2# - Temporary Roads, Silt Barrier Table

Side Slope Percent	Distance From Streamcourse
NA	NA

Location	Distance (feet)	Percent Grade	No. Inches Of Gravel or Crushed Stone
Approaches to surfaced roads for a distance back from the surfaced road.	50	NA	4 inches of #4 or #3 gravel
Steep grades of short distances	30	10%	4 inches of #4 or #3 gravel
Wet or erosive prone soils	As Needed	NA	4 inches of #4 or #3 gravel
Dips, moist sites, erosive prone soils, and fills over culverts	As needed	NA	4 inches of #4 or #3 gravel

Sample

KT-GT.6.5.1 - SKID TRAILS AND FIRE LINES (09/2004)

At locations where terrain or other conditions prevent practicable construction of cross ditches and water-spreading ditches, the Forest Service may designate that ground debris consisting of root mat, humus, leaf and needle litter, or slash (as defined in GT.7#) existing in the immediate area be placed on skid trails or fire lines. At such locations, the Contractor shall place sufficient ground debris to slow and disperse runoff. At other locations the Forest Service and the Contractor may agree to use ground debris, singly or in combination with other methods, to control erosion.

KT-GT.6.6.1 - CURRENT OPERATING AREAS (09/2004)

Where logging or road construction is in progress but not completed, unless otherwise agreed, the Contractor shall, before beginning a period of inactivity anticipated to last 30 days or more, and before any expected period of seasonal precipitation or runoff, remove all temporary log culverts, and construct cross drains, drainage ditches, dips, berms, culverts or other facilities needed to control erosion.

Sample

KT-GT.7# - SLASH TREATMENT (09/2004)

Slash is defined as all vegetative debris resulting from the Contractor's operations, including limbs, tops, cull logs, bark, wood chunks, pushed-out stumps, damaged brush, and damaged residual trees. Tops from felled trees and all trees to be removed from roads, landings, or other construction clearings shall be completely felled and not left leaning or hanging in other trees. Slash associated with construction of Specified Roads is construction slash subject to treatment according to road construction specifications.

Other Ownership. The Contractor shall conduct operations so that slash does not enter non-National Forest System lands, as shown on Contract Area Map. In event slash is deposited on other ownership, the Contractor shall immediately remove such slash. The Contracting Officer may agree in writing to other treatment requirements if the Contractor provides a written slash disposal agreement between the Contractor and the landowner.

Roads and Other Clearings. Along roads available for public use the Contractor shall immediately remove slash from traveled surfaces, shoulders, and drainage facilities. Other slash along roads available for public use and all slash along roads not available for public use shall be removed from the clearing limits within four days after adjacent skidding or yarding to each landing is complete. In areas where skidding or yarding is delayed or interrupted, slash shall be removed within ten days after being created.

Trails open to public use shall be kept free of slash. Slash within the clearing limits of powerlines, telephone lines, pipelines, and similar clearings shall be removed within ten days after adjacent skidding or yarding to each landing is substantially complete.

Slash removed from roads and other clearings shall be scattered outside the clearing limits, or otherwise disposed of as agreed. The time requirements for completion of slash removal may be changed by written agreement, except where immediate removal is required.

Other Treatment Areas. The Contractor shall complete slash treatment in other areas as described below. The Forest Service and the Contractor shall jointly agree to a schedule for completion of such slash treatment, which shall be included in the Contractor's Annual Operating Schedule required under GT.3.1.

Not Applicable At or adjacent to log landings, delimiting areas, and similar areas of slash accumulation within N/A, concentrations of slash greater than N/A feet in height and N/A feet in length, measured at greatest distances, shall be N/A.

Slash treatments described below are required at locations shown on the Contract Area Map by the following symbols:

See Table KT-GT.7# - Slash Disposal, Slash Disposal Requirements Table

KT-GT.7# - Slash Disposal, Slash Disposal Requirements Table

Map Symbol	Title	Treatment
ST	Seed Tree Areas	<p>In Payment Units 1, 4, 6, 8, 9, 11, 12 and 13 all created slash shall not be touching the bole of all residual trees left for future RCW cavity trees, shelter and seeding purposes. Created slash shall not be accumulated to a height of greater than 3 feet within a 5 foot radius of the bole of all unmarked residual trees left for future RCW cavity trees, shelter and seeding purposes.</p>
SD	Slash Disposal	<p>Within Payment Units 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13 all slash accumulated at landings and delimiting areas shall be piled, unless it is agreed in writing that slash can be used to cover areas having exposed soil, such as skid trails, for erosion control purposes. Piling will be accomplished with a machine, of such size, that will cause minimal damage to the residual timber and with an acceptable brush piling blade. Piles will meet the criteria identified below.</p> <ul style="list-style-type: none"> <li>• Piles shall be in the immediate vicinity of the landing or delimiting area.</li> <li>• Piles shall be reasonably compact and free of soil.</li> <li>• Piles shall be located at least 50 feet from residual timber and 100 feet from protected streamcourses.</li> <li>• Piles shall not be more than 200 feet long and 200 feet wide.</li> <li>• If more than one pile is needed in an area, they should be no more than 100 feet apart.</li> <li>• All objects that extend for more than 5 feet in any direction from the pile profile will be cut off and returned to the pile.</li> </ul>
ssss	Slash Treatment Zone	N/A

KT-GT.8 - MEASURING (09/2004)

The estimated quantity of timber has been determined by tree measurement in accordance with the methods described in the Timber Cruising Handbook (FSH 2409.12), a copy of which may be examined in the Forest Supervisor's or the Ranger's Offices.

KT-GT.9# - STEWARDSHIP PROJECTS (09/2004)

Performance of stewardship projects shall be in accordance with the following specifications.

**Stewardship Projects**

Sample

**Stewardship projects – Conditions and Specifications**

**DIVISION 100 – GENERAL SPECIFICATIONS SPECIFIC TO ALL STEWARDSHIP PROJECTS**

**Pre-work Conference**

Prior to commencement of work on any of the Stewardship projects, a meeting, requested by the Forest Service Representative (FSR), will be attended by the Contractor or Contractor's Representative(s), Sub-Contractor(s) and other delegated Forest Service representatives. The meeting will be held at a time and place mutually agreeable to the Contractor and Forest Service for the purpose of discussing work schedules, quality control, and review of the specifications for the mandatory and optional Stewardship projects. At this meeting the Contractor will provide written delegations of authority for his/her Contract Representative and Field Representatives. Contractor will provide in writing an annual operating schedule of anticipated major activities and needs for logging included timber and completing stewardship projects. The annual operating schedule will present a practicable work progress schedule showing the order in which work on each Stewardship project will be started and completed.

**Performance and Acceptance**

Prior to initial operations and after shutdowns of 10 days or more, Contractor's representative shall notify Forest Service 2 days, excluding weekends and Federal holidays, before any operations begin on Contract Area. Unless otherwise agreed to in writing, the Contractor shall complete the mandatory and agreed to optional Stewardship projects during the specified planned operational period and by the required completion dates as specified in Division 300 – Deliveries or Performance. Specifications specific to each Stewardship project are included by Stewardship project below.

Where there are multiple treatment units within a stewardship project, the Contractor may not start work in another treatment unit until all work has been completed and accepted by the Service Work Inspector or unless otherwise agreed to in writing.

At completion of work in a stewardship project, the Contractor will notify the Service Work Inspector (SWI) that the required work has been completed to standard and is ready for final inspection. Upon final inspection by the SWI the Contractor will be given written notice of acceptance. Upon written notice of acceptance, the Contractor is then authorized to move to the next work unit identified in the annual operating schedule.

Payment/credit will be based upon written acceptance of all required work in a stewardship project by the SWI.

### **Scope Of Contract**

Contractor will furnish all labor, materials, equipment, tools, transportation, supervision, supplies, except Government Furnished Property, and perform all work required to meet the technical specifications of each of the following stewardship projects: 001 – Midstory Removal.

Optional work of construction and installation of 3 gates attached design and specs.

### **General Access**

Forest roads accessing most stewardship projects are accessible by 4WD vehicles during specified planned operational period. However, during heavy rains, roads may become impassable and walk-ins of ½ mile or more to reach treatment areas could be expected.

Some stewardship projects are accessed by old woods roads that are currently closed with earth barriers and/or water bars. Earth barriers and water bars can be removed for access. The Contractor will restore, at original locations, any water bars or earth barriers removed to original condition prior to acceptance of work.

Some roads, needed to gain access to stewardship projects, may have fallen trees and slash that restrict or limits access. Inaccessibility due to fallen trees, slides, or washouts on roads may or may not be corrected by the Government prior to Contractor's start of work.

### **Protection of Improvements**

The Contractor shall protect all trails, roads, road ditches, and other improvements in and around stewardship projects. Roads used shall be left in the same relative condition found prior to Contractor's use.

Contractor shall avoid damage to other improvements such as, but not limited to, gates, signs, culverts, bridges, fences, utility poles, and survey and property markers. If damaged, the Contractor will be required to repair them or pay fair market value to the Government to have them repaired or replaced.

### **Method of Measurement**

Acres of treatment in the stewardship projects were determined by use of a Global Positioning System (GPS) and are considered to be actual acreages. Boundaries are identifiable on the ground by natural or man-made features such as roads, meadows, timber edge, fire lines, painted unit boundaries, flagged boundary line, etc. They may also be marked with orange boundary paint, which identified old timber harvest boundaries.

### **Safety**

Occupational Health and Safety Administration (OSHA) standards for safety and safety equipment fall within the jurisdiction and enforcement of OSHA, not the Forest Service.

**KT-GT. 9# - Stewardship Projects**

Contractor’s operations shall facilitate Forest Service’s safe and practical inspection of Contractor’s operations and conduct of other official duties on Contract Area. Contractor has all responsibility for compliance with safety requirements for Contractor's employees.

When Contractor’s operations are in progress adjacent to roads opened to public travel, the Contractor shall furnish, install and maintain temporary traffic controls signs, which will provide adequate warning of hazardous or potentially hazardous conditions associated with Contractor’s operations. The signs used shall be as specified in the “Manual on Uniform Traffic Control Devices for Streets and Highways”.

**Protection**

Contractor shall, both independently and in cooperation with Forest Service, take all reasonable and practicable action to prevent and suppress fires resulting from Contractor’s operations and to suppress any forest fire on Contract Area. Contractor’s independent initial fire suppression action on such fires shall be immediate and shall include the use of all necessary personnel and equipment at Contractor’s disposal on Contract Area or within the distance of Contract Area stated in AT.10.

**Description and Location – Ref: Table A and Contract Area Maps**

Units to be treated are located within the boundaries of the Shoal Creek Ranger District, National Forest in Alabama, Cleburne County, Alabama. Maps of specified stewardship project work locations are included within and are herefore made part of this contract (Standard Provision JT2.2 – Contract Documents).

**TABLE A**

<b>Stewardship project</b>	<b>Unit #</b>	<b>Legal Location</b>	<b>Acres</b>	<b>Treatment</b>
<b>001</b>	<b>05</b>	Sec. 28,33 <b>T17S, R8E</b>	<b>59</b>	Midstory Removal
	<b>06</b>	Sec. 28, T17S, R8E	<b>39</b>	Midstory Removal

Refer to Contract Area Maps

**Site Visit**

Prospective Bidders are urged and expected to inspect sites where services are to be performed and to satisfy themselves regarding all general and local conditions that may affect the cost of contract performance, to the extent that the information is reasonably obtainable. In no event shall failure to inspect the site constitute grounds for a claim after contract award.

**KT-GT. 9# - Stewardship Projects**

**DIVISION 200 – GENERAL INSPECTION AND ACCEPTANCE SPECIFIC TO ALL STEWARDSHIP PROJECTS.**

**Inspection and Acceptance of Services**

Upon Contractor’s written request and assurance that work has been completed, Forest Service shall perform an inspection within 5 days, excluding weekends and Federal holidays, so as not to delay unnecessarily the progress of Contractor’s operations. Such a request may be for acceptance of:

- a) Any reasonable portion of Specified Road listed in the Schedule of Items;
- b) Specific requirements on a Payment Unit (such as logging, stewardship project operations, slash disposal, erosion control, or snag felling); or
- c) All contract requirements on a Payment Unit.

Forest Service may perform such inspections without request from Contractor. Within 2 days of inspection, excluding weekends and Federal holidays, Forest Service shall furnish Contractor with written notice either of acceptance or of work remaining to be done.

In the event that Forest Service is unable to make such inspection within 5 days of Contractor’s request, Contractor shall be notified in writing of necessity for postponement and time when inspection can be made. The same final approval procedure shall be used at the end of Contractor’s construction period on any completed portion of road.

When all contractual work of Contractor has been accepted for any Payment Unit or stewardship project area, it shall be eliminated from Contract Area on written notice of either party to this contract

**DIVISION 300 – DELIVERIES OR PERFORMANCE SPECIFIC TO ALL STEWARDSHIP PROJECTS**

<b>CONTRACTUAL TIME &amp; PLANNED OPERATIONAL PERIOD</b>			
<b>STEWARDSHIP PROJECT</b>	<b>PROJECT ACRES</b>	<b>COMPLETION DATE</b>	<b>Planned Operational Period</b>
<b>Mandatory Projects</b>			
<b>001</b>	98	November 1, 2021	January 1 Through December 31

**STEWARDSHIP PROJECT – 001 Specification for Midstory Removal**  
**(Reference Contract Area Map Midstory Removal)**

**KT-GT. 9# - Stewardship Projects**

**DIVISION 100 – GENERAL SPECIFICATIONS SPECIFIC TO MIDSTORY REMOVAL WITH HANDTOOLS OR MECHANICAL EQUIPMENT**

**101 – Scope**

The project purpose is to reduce or minimize catastrophic wildfires, restore fire dependent woodlands, and improve wildlife habitat through the cutting down of midstory trees. This contract will manually reduce the density and continuity of small diameter vegetation (Division 202-Tree to be Treated) within 3 mandatory treatment units totaling 126.

All specified stems will be cut, slashed, severed or otherwise put on the ground as specified in Division 204 – Midstory Removal with Handtools or Mechanical Equipment Treatment Procedures.

**110 – Description and Location.**

All areas are within the boundaries of the Shoal Creek Ranger District of the Talladega National Forest, Cleburne County, Alabama. Maps of the specified stewardship projects are included within this document.

Treatment units include longleaf pine, loblolly pine plantations, and mixed pine/hardwood stands between the ages of 30 and 99 years. Vegetation in these areas consists of an overstory of pine and hardwood pulpwood and sawtimber size trees with interspersed hardwood and pine midstory and understory of various ages and sizes.

Boundaries of treatment units are marked with orange paint. In some areas, Forest Service roads and fire lines have been used as boundaries. (Reference Contract Area Maps )

**130 – Equipment Requirements.**

The Contractor is required to use hand-held tools, such as chainsaws, brush cutters, machetes, walk-behind weed eater or brush machine, and any combination thereof. Ground disturbing equipment such as bushhogs, feller-bunchers, etc. will be allowed on this contract.

**DIVISION 200 – TECHNICAL SPECIFICATIONS SPECIFIC TO MIDSTORY REMOVAL WITH HANDTOOLS**

**201 – Time of Treatment.**

All mandatory midstory removal units (stewardship project units 01) will be completed by November 1, 2021

**202 – Trees to be Treated.**

Unless otherwise stated in Section 203, all hardwood trees between 2 inches and 6 inches Diameter at Breast Height (DBH) will be cut. Maximum stump height is six (6) inches and all cut trees will be severed completely from its stump.

**203 – Trees or Other Vegetation NOT to be Treated.**

**KT-GT. 9# - Stewardship Projects**

67 f

- 1) All pine trees not marked for removal and hardwood trees greater than or equal to 6.0 inches in DBH.
- 2) All painted boundary trees.
- 3) All snag trees or dead trees, unless they pose a safety hazard to the Contractor's operation.
- 4) Flowering dogwood trees greater than 6 inches DBH.
- 5) Any broad-leaf evergreen trees (i.e., blueberry/sparkleberry, mountain laurel, and American holly)
- 6) Any other trees marked with paint or horseshoes (i.e., green/white diagonal paint-superior tree, red-property line, light blue-Pinhoti trail, blue-resource protection area, orange-SPB reserve tree, white or blue banded-RCW cavity trees, green-SMZ, horseshoe-horse trail.).

**204 – Midstory Removal with Handtools or Mechanical Equipment Treatment Procedures**

- 1) All trees designated for treatment will be completely severed from the stump.
- 2) All trees and shrubs selected for treatment in unit must be felled using chainsaws, brush cutter, axes, other hand operated tool, or mechanical equipment. Cut trees will not be left hanging or lodged in standing trees.
- 3) Trees to be retained and designated reserve trees are not be damaged by the Contractor's operations. Damage is defined as: bumping or pushing of tree that results in root damage; scarring of the bole of the trees where 144 square inches or more of the cambium layer is exposed; side-washing of the tree resulting in the breakage of 50 percent or more of the crown limbs; or breakage or cracking of the main bole of the tree.
- 4) All cut trees will be felled into the treatment unit. Trees shall not be felled into fire lines, interior woods roads, trails, roads, power line rights-of-way, etc. or outside of the treatment unit boundary.
- 5) All cut trees and other created debris will be lopped to within 3 feet of the ground.

**DIVISION 300 - INSPECTION AND ACCEPTANCE SPECIFIC TO MIDSTORY REMOVAL WITH HAND TOOLS OR MECHANICAL EQUIPMENT**

**310 – Inspection**

Contractor's Self-Inspection – The Contractor shall be responsible for supervising his/her crew and self-inspecting his/her own work to insure compliance with contract specifications throughout the contract.

Unit Inspection Procedure - The Government will make periodic visits to the work site while work is in progress, to assure that the Contractor is familiar with contract specifications and that work is progressing satisfactorily.

Upon completion of a unit and at the Contractor's request, the SWI may inspect the unit for compliance with specifications or use the Contractors inspection and a few random plots for inspection of the units.

**KT-GT. 9# - Stewardship Projects**

The Contractor's inspection will be made on a series of 1/50 th acre plots (16.7ft. radius) on all units. Sufficient plots will be taken for a minimum one-half (1/2) percent sample of the total area of the unit being inspected. This is equivalent to one plot per four acres. To ensure that adequate sampling of the Contractor's work is taken, a minimum of 10 plots will be taken in each unit. Document plot inspections on Exhibit A: Stewardship Project Inspection Worksheet. Table A details the number of plots required for inspection based on acres in the unit.

Table A:  
# of Inspection Plots Required

**Based on Acres**

<u># Acres</u>	<u># Plots</u>
1-45	10

- 1) Plot Location- Plots will be located by establishing plot lines on the unit to be inspected with the lines and plots equally spaced so that coverage of the entire unit is obtained. The initial line will be randomly selected with other plot lines equally spaced from this initial line. A map of the inspection plots established by the contractor will be provided to the Forest Service for quality control inspections.
- 2) Inspections to determine percent acceptable treatment will be taken only after the Contractor has completed all of the work in an area and has notified the Forest Service that the work in the unit is complete.
- 3) At each 1/50 th acre plot the inspector will evaluate the plot area and record how the plot meets the specifications of this contract.
- 4) The inspection consists of two parts:
  - a) Hardwood midstory between 2 inches and 6 inches DBH remaining on plots.
  - b) Slash treatment.

The inspection procedure is explained below.

Midstory Removal Inspections - The number of hardwood midstory stems remaining between 2-6 inches DBH should be 07% or less of the number of severed midstory stems observed in the plot.

The formula used for calculating work quality is as follows:

$$\% \text{ QUALITY} = (\# \text{ Stems Severed} - \# \text{ Stems Deficient}) \times 100 / \# \text{ Stems Severed}$$

EXAMPLE: A thirty (30) acre unit is inspected with the following results:

From Table A, a thirty acre unit requires that 10 plots are taken for inspection.

**KT-GT. 9# - Stewardship Projects**

Plot #	# Stems Severed	# Stems Deficient
1	10	0
2	10	3
3	9	0
4	11	0
5	13	0
6	7	0
7	8	1
8	10	0
9	8	1
10	10	0

Correct number of hardwood stems to sever between 2-6 inches at DBH is greater than 90%  
# severed stems in all ten plots = 96 stems  
Total stems deficient = 5 stems deficient

$\% \text{ QUALITY} = ([96-5] \times 100)/96 = 94.79 \%$  Midstory Removal Quality

Slash Treatment Inspection- Slash treatment will be inspected according to the following specifications by the Contractor. Each inspection plot on a unit will be worth 10 points and is broken down in the following manner:

- 1) Slash Depth = 4 points
- 2) Hang Ups = 2 points
- 3) High stumps = 2 points
- 4) Correct sever = 2 points

The formula used to calculate percent slash quality is as follows:

$\% \text{ Slash Quality} = [ \# \text{ points earned} / \# \text{ points possible} ] \times 100$

Where the number of points possible for slash work equals the number of plots taken on a unit multiplied by one-hundred.

This part of the inspection is pass/fail and the following standards must be met:

- 1) If % slash treatment quality for the unit is 93% or higher than the unit passes for slash treatment.
- 2) If % slash treatment quality is less than 93% than the unit fails for slash treatment and must be reworked to meet acceptable standards. No credit will be made for the unit until the slash treatment is reworked and brought up to acceptable standards.

Slash Pullback- All slash pullback areas will be inspected to ensure that they are in compliance with Slash Pullback. If the inspection on this portion of the work fails, no credit will be made for the unit until the work is brought up to contract specifications.

**KT-GT. 9# - Stewardship Projects**

**Unsatisfactory Midstory Removal**

No credit will be made for the unit until the work is brought up to contract specifications.

**311 – Acceptance**

Acceptance of the work will be determined by visual inspection and review of the Contractor's inspection form (Exhibit A) and will be based on adherence to the specifications in Division 200. At least 93 percent acceptable midstory removal quality and 93 percent slash treatment quality is required.

No stewardship credit will be earned until all slash pull back has been completed and treatment area has been accepted as being completed to contract specifications.

**Means of measurement**

Government will randomly review the manner in which the Contractor is conducting the Quality Control Program by both reviewing the Contractor's records and/or observing actual performance.

**312 – Performance Requirements Summary**

- 1) Acceptable Quality Level for midstory removal – At least 93 percent acceptable removal quality.
- 2) Acceptable Quality Level for Slash Treatment – At least 93 percent acceptable slash treatment quality

**Exhibit A:**

Sample



**KT-GT. 9# - Stewardship Projects**

67k

Optional Gate installation and specifications:

**ITEM 01 - Gate fabrication and installation**

**GENERAL SPECIFICATIONS**

**Scope of Work – Shoal Creek Gate removal and installation**

The project purpose is for the construction and installation of 3 new gates in accordance with the specifications and provisions of the contract. All gates will be brown in color.

**Description and Location**

Gates to be replaced or installed are within the boundaries of the Shoal Creek Ranger District in Cleburne and Calhoun County, Alabama. Gates are on CR51 corridor and are flagged.

**TECHNICAL SPECIFICATIONS**

**Replacement or Installation Instructions**

All gates will be installed using supplied gate specifications and drawings in addition to specifications detailed in this narrative.

The contractor shall drill one row of ½” holes ½” apart around the locking post one inch below the steel plate welded to the top of the pipe.

The contractor will be required to remove all trash and debris generated by the installation of the gates from the worksites before work can be approved.

**Timing of Work**

All gates shall be installed no later than October 31, 2022.

**Government Furnished Items**

The Government will furnish no materials, labor, or equipment.

**Contractor Furnished Items**

**Contractor shall furnish all labor, materials, equipment, tools, transportation, supervision, supplies, and perform all work required for the removal existing gates and construction and installation of 3 new gates in accordance with the specifications and provisions of the contract.**

**PERFORMANCE ASSESSMENT METHODS**

**Inspection**

Contractor's Self-Inspection – The Contractor shall be responsible for supervising his/her crew and self-inspecting his/her own work to insure compliance with contract specifications throughout the contract.

Gate Inspection Procedure - The Government will make periodic visits to the work site while work is in progress, to assure that the Contractor is familiar with contract specifications and that work is progressing satisfactorily.

Upon completion of a gate, and at the Contractor's request, the COR or an Inspector may inspect the gate for compliance with specifications.

**Acceptance**

Acceptance of the work will be determined by visual inspection and will be based on adherence to the specifications and drawings identified for gate installation. No credit will be earned until all gate installation requirements have been completed.

**Performance Requirements Summary**

Acceptable Quality Level for Gate Replacement or Installation – 100% compliance with stated specifications and drawings.

Sample

KT-HT.2.0.1 - TRUCK, TRACTOR, AND POWER SAW MUFFLERS (09/2004)

Effective muffler systems installed by the manufacturer as standard equipment shall be maintained on exhausts of trucks, power saws and other internal combustion engines used in the Contractor's Operations.

KT-HT.2.0.2# - FIRE FIGHTING EQUIPMENT (09/2004)

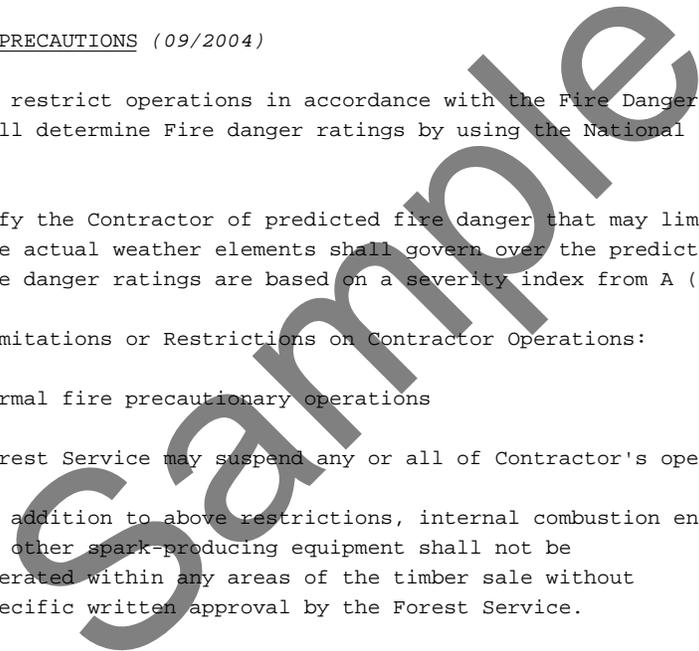
When the Forest Service advises the Contractor that local fire weather conditions are becoming critical, the Contractor shall keep with gasoline chain saws at all times a shovel and a fire extinguisher and take precautionary measures requested by the Forest Service. The Contractor shall act as custodian of fire fighting equipment furnished by the Forest Service. Equipment shall be stored in sealed boxes provided for this purpose and shall be transported to locations in the immediate vicinity of current logging and milling operations on Contract Area. The Forest Service shall be reimbursed for any damage to or loss of fire fighting equipment furnished by the Forest Service, which occurs on Negligently-Caused Fires or as a result of using equipment for unauthorized purposes.

KT-HT.2.2.1 - EMERGENCY FIRE PRECAUTIONS (09/2004)

The Contractor shall limit or restrict operations in accordance with the Fire Danger Rating schedule shown below. The Forest Service will determine Fire danger ratings by using the National Fire Danger Rating System.

The Forest Service shall notify the Contractor of predicted fire danger that may limit or restrict operations. In all cases, the actual weather elements shall govern over the predicted weather elements in determining Fire Danger. Fire danger ratings are based on a severity index from A (low) to E (highest).

Fire Danger Rating:	Limitations or Restrictions on Contractor Operations:
A to C:	Normal fire precautionary operations
C+ to D (Very High)	Forest Service may suspend any or all of Contractor's operations.
E (Extreme)	In addition to above restrictions, internal combustion engines or other spark-producing equipment shall not be operated within any areas of the timber sale without specific written approval by the Forest Service.



KT-IT.2.1 - CONTRACT TERM ADJUSTMENT (07/2016)

"Contract Term Adjustment" (CTA) means adjustment only as provided for in the three circumstances described in this subsection. Under these circumstances, the contract term shall be adjusted in writing to include additional calendar days in one or more normal operating seasons equal to the actual time lost, except as limited by paragraph (2) in this subsection.

To qualify for such adjustment, contractor shall give written notice of the lost time not later than 30 days after the end of the normal operating season in which time was lost and at least 10 days before termination date. Contracting officer shall make prompt written acknowledgment of such notice, indicating concurrence with the number of days in the notice or the number of days the Forest Service considers as qualifying for the adjustment. Lost parts of days shall be disregarded in computing time lost. The three circumstances qualifying for a CTA are:

(1) Contractor experiences delay in starting operations scheduled under GT.3.1 or interruptions in active operations, either of which stops such operations for 10 or more consecutive days during a normal operating season due to causes beyond the contractor's control, including, but not limited to, acts of God, acts of the public enemy, acts of the Government, labor disputes, fires, insurrections, or floods. Operations subject to these causes include:

(i) Removal of the included timber from contract area through curtailment in felling and bucking, yarding, skidding, loading, hauling, or road construction; or

(ii) Performance of stewardship projects shown in AT.4.4.

(2) Causes described in paragraph (1) substantially affect the disposition or processing of included timber during the normal operating season through their effects on primary timber processing facilities, with a resulting delay of 60 days or more in use of such facilities. In such event, the CTA shall not extend for more than 12 consecutive months.

(3) (i) Contracting officer requests the contractor, in writing, to delay or interrupt operations during the normal operating season for any purpose other than suspension under ET.4 or JT.3; or

(ii) Contractor suffers a delay or interruption of the contractor's operations described in paragraph (1)(i) or (ii) because of a fire emergency closure ordered by Forest Service (or another agency on its behalf), and the total of such lost time is 10 or more days during any normal operating season.

If the termination date is adjusted, as described in this subsection, and later extended under IT.2.3, the appraisal for the extension shall be made as of the unadjusted termination date, but the date on which the new rates become effective, if higher than current contract rates immediately prior to the termination date, shall be the adjusted termination date.

KT-IT.2.1.1.2 - MARKET-RELATED CONTRACT TERM ADDITION (11/2008)

The term of this contract may be adjusted when a drastic reduction in wood product prices has occurred in accordance with 36 CFR 223.52. The Producer Price Index used to determine when a drastic reduction in price has occurred is stated in AT.17. Contractor will be notified whenever the Chief determines that a drastic reduction in wood product prices has occurred. If the drastic reduction criteria specified in 36 CFR 223.52 are met for 2 consecutive calendar quarters, after contract award date, Contracting Officer will add 1 year to the contract term, upon Contractor's written request. For each additional consecutive quarter such a drastic reduction occurs, Contracting Officer will, upon written request, add an additional 3 months to the term during Normal Operating Season, except that no single 3-month addition shall extend the term of the contract by more than one year. Contracting Officer must receive Contractor's written request for a market-related contract term addition before the expiration of this contract.

No more than 3 years shall be added to a contract's term by market-related contract term addition unless the following conditions are met:

(i) The contract was awarded after December 31, 2006; and

(ii) A drastic reduction in wood product prices occurred in at least ten of twelve consecutive quarters during the contract term, but not including the quarter in which the contract was awarded.

For each qualifying quarter meeting the criteria in paragraphs (i) and (ii) of this provision, the Forest Service will, upon the Contractor's written request, add an additional 3 months during the normal operating season to the contract, except no single 3-month addition shall extend the term of a contract by more than 1 year.

In no event shall a revised contract term exceed 10 years as a result of market-related contract term addition.

Additional contract time may not be granted for those portions of the contract that have a required completion date or for those portions of the contract where Contracting Officer determines that the timber is in need of urgent removal or that timber deterioration or resource damage may result from delay.

KT-IT.2.3.1# - ADDITION OF NET GROWTH (09/2004)

In event of Contract Term Extension, net growth shall be added to all uncut designated timber, except on the partially cut Payment Units exempt from redetermined rates under DT.1. On the partially cut Payment Units to which redetermined rates apply under DT.1, the Forest Service shall determine the approximate percentages of area remaining uncut. These percentages shall be applied to the original estimates of timber quantity in each Payment Unit to determine the approximate quantity of designated timber remaining in each Payment Unit. The growth percentages listed herein shall be applied to these estimated remaining quantities to obtain total net growth of uncut timber in the partially cut Payment Units. For both un-entered and partially cut Payment Units, the determination of volume subject to addition of growth shall be made as of 45 days prior to the original Termination Date shown in AT.12 with no adjustment for any timber subsequently Released for Cutting or cut and removed prior the effective date of Contract Term Extension. Growth shall be calculated on the basis of total number of full growing seasons from 3/6/2020 until the Termination Date, including any Contract Term Adjustment.

Applicable annual growth percents by species or species groups and products are:

**See Table KT-IT.2.3.1# - Addition of Net Growth, Percent Growth Table**

Payment for the additional growth in partially cut Payment Units for which growth is applicable shall be made prior to the effective date of Contract Term Extension.

KT-IT.2.3.1# - Addition of Net Growth, Percent Growth Table

<b>Species or Species Group</b>	<b>Product</b>	<b>Annual Growth Percent</b>
Pine	Sawtimber	4
Hardwood	Sawtimber	4
Pine	Small Roundwood	8
Hardwood	Small Roundwood	3

Sample

KT-IT.6.4 - DEBARMENT AND SUSPENSION CERTIFICATION (03/2018)

Pursuant to 2 CFR 180 and 2 CFR 417, Contractor shall certify and obtain certifications from its Subcontractors regarding debarment, suspension, ineligibility, and voluntary exclusion, including additional Subcontractors obtained after award of this contract. 'Subcontractors' are participants in lower tier covered transactions.

Contractor may rely upon a certification of a prospective Subcontractor that it is not proposed for debarment under 48 CFR 9.4, debarred, suspended, ineligible, or voluntarily excluded from participating in covered transactions or contracts, unless Contractor knows that the certification is erroneous.

Contractor shall keep the certifications of its Subcontractors on file until contract Termination Date and any extensions thereof, and will provide a copy at the written request of Contracting Officer. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this Subsection. The knowledge and information of Contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

If Contractor knowingly enters into a contract transaction with a person who is proposed for debarment under 48 CFR 9.4, suspended, debarred, ineligible, or voluntarily excluded from participation in covered transactions or contracts, in addition to other remedies available to the Government, Forest Service may pursue available remedies, including suspension and/or debarment.

Contracting Officer shall provide a copy of Forms AD-1047, Certification Regarding Debarment, Suspension and Other Responsibility Matters-Primary Covered Transactions, and AD-1048, Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions to the Contractor.

Contractor shall complete form AD-1047 and provide to the Contracting Officer upon request.

Contractor shall require each Subcontractor to complete form AD-1048 and provide to the Contracting Officer upon request.

Sample