

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

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

**DESCRIPTION AND SPECIFICATIONS OF STEWARDSHIP PROJECTS**

**END RESULTS STATEMENT FOR STEWARDSHIP CONTRACT:** The intent of the end results statements is to explain what final product is being sought on the ground. This contract is a request for proposals where in we are mixing traditional timber sale contract work and service contract work in the same Stewardship Request for Proposals. There are several ways to accomplish the final end results, and several different pieces of equipment that could accomplish the requested objectives. Proposals from bidders will be evaluated based upon listed criteria which include meeting the end results and related specs, as outlined, how soon the work can be accomplished. Bidders, in addition to filling in the required bid amounts requested in the schedule of task items and the timber bid price, should include a detail proposal as to how the work will be accomplished in each of the units as shown on the contract area map.

**Mandatory Stewardship Credit Project Item 1.1 – Contour Falling of all designated 5.0” -8.9” DBH Trees – Cutting Units All**

Task Item: Contour falling of all designated 5.0”- 8.9” trees within all cutting units.

Specification: Approximately 1550 trees are tallied to be contour felled. All trees should be felled so the trees are horizontal to the slope.

Designation:

- All Standing dead and imminent mortality trees, equal to or less than 1.5 times of that individual trees' height, from the transportation road shown on the sale area map are designated for cutting.
- Trees that are greater than 1.5 times of that individual trees' height from the transportation road shown on the sale area map SHALL NOT BE CUT and ARE NOT included timber.
- Imminent mortality is described as those trees that currently have less than 15% unscorched live crown. Trees with greater than 15% unscorched live crown are not to be considered imminent mortality.

**Example 1:** Tree is 75 feet tall and is located 90 feet from the transportation road.  $75' \times 1.5 = 112.5'$  cut limit. Tree is at 90' and SHALL BE cut.

**Example 2:** Tree is 88 feet tall and is located 140 feet from the transportation road.  $88' \times 1.5 = 132'$  cut limit. Tree is at 140 feet and WILL NOT be cut.

The result of this designation by description will result in a feathered cut appearance along the transportation road. Not all trees within the cutting unit boundary are designation for cutting.

**Optional Stewardship Credit Project Item 1.2 – Contour Falling of all designated Aspen Trees – Cutting Units All**

Task Item: Contour falling of all designated Aspen trees within all cutting units.

Specification: Approximately 2535 Aspen trees are tallied to be contour felled. All trees should be felled so the trees are horizontal to the slope.

Designation:

- All Standing dead and imminent mortality trees, equal to or less than 1.5 times of that individual trees' height, from the transportation road shown on the sale area map are designated for cutting.
- Trees that are greater than 1.5 times of that individual trees' height from the transportation road shown on the sale area map SHALL NOT BE CUT and ARE NOT included timber.

- Imminent mortality is described as those trees that currently have less than 15% unscorched live crown. Trees with greater than 15% unscorched live crown are not to be considered imminent mortality.

**Example 1:** Tree is 75 feet tall and is located 90 feet from the transportation road.  $75 \times 1.5 = 112.5'$  cut limit. Tree is at 90' and SHALL BE cut.

**Example 2:** Tree is 88 feet tall and is located 140 feet from the transportation road.  $88 \times 1.5 = 132'$  cut limit. Tree is at 140 feet and WILL NOT be cut.

The result of this designation by description will result in a feathered cut appearance along the transportation road. Not all trees within the cutting unit boundary are designation for cutting.

### **Optional Stewardship Credit Project Item 1.3 – Contour Falling of all designated 5.0”-8.9” DBH Trees – Cutting Units All**

Task Item: Contour falling of all designated Aspen trees within all cutting units.

Specification: Approximately 529 trees are tallied to be contour felled. All trees should be felled so the trees are horizontal to the slope.

#### Designation:

- All Standing dead and imminent mortality trees, equal to or less than 1.5 times of that individual trees' height, from the transportation road shown on the sale area map are designated for cutting.
- Trees that are greater than 1.5 times of that individual trees' height from the transportation road shown on the sale area map SHALL NOT BE CUT and ARE NOT included timber.
- Imminent mortality is described as those trees that currently have less than 15% unscorched live crown. Trees with greater than 15% unscorched live crown are not to be considered imminent mortality.

**Example 1:** Tree is 75 feet tall and is located 90 feet from the transportation road.  $75 \times 1.5 = 112.5'$  cut limit. Tree is at 90' and SHALL BE cut.

**Example 2:** Tree is 88 feet tall and is located 140 feet from the transportation road.  $88 \times 1.5 = 132'$  cut limit. Tree is at 140 feet and WILL NOT be cut.

The result of this designation by description will result in a feathered cut appearance along the transportation road. Not all trees within the cutting unit boundary are designation for cutting.

### **SCHEDULE OF WORK**

Scheduling of Work - Timing of the work in Mandatory units is expected to be accomplished in the same general fashion as the Timber Sale. If for some reason a bidder has a cost effective method that will accomplish the same results, but requires work to be accomplished with one or more additional stages being utilized, this option should be clearly outlined in the proposal and must be agreed to in writing as part of the final contract package.

### **GENERAL SPECIFICATIONS FOR ALL PROJECTS DEFINITIONS**

Calendar Days: Every day shown on the calendar, Saturdays, Sundays and holidays included.

Contract Administrator: The on-site contract administrator for the Mandatory and Option work items who represents the Contracting Officer. The duties and responsibilities of the CA are defined in the letter of designation issued by the Contracting Officer. This person can be a Timber Sale Administrator or Contracting Officers Representative.

Contract Time: See Period of Performance.

Damage: Defect or deformity of a tree resulting from agents such as wind, snow, animals, insects, disease, and equipment, and evidenced by such things as dead or broken tops or trunks, crooks, and deep scars or damage to the

bark on more than ¼ of the circumference of the tree. D.B.H (Diameter Breast Height): A point on the bole of a tree 4.5 feet above the ground measured on the up hill side.

Grapple Piling: Grapple Piling will occur with whole tree logging where residue accumulates at a landing. On a return trip to the woods, the skidder will take a grapple load of residue to a suitable location as described in Machine Piling. A minimum of two and a maximum of four grapple loads will be allowed per pile, unless otherwise agreed in writing with the Sale Administrator. Residue may also be scattered over skid trails as an erosion control method as agreed to by the Sale Administrator.

Leave Trees: Trees not designated for removal or other prescribed treatment.

Period of Performance: (also Performance Period or Contract Time). The number of calendar days allowed in the contract for completion of contract work.

Quality Assurance: The actions taken by the Government to assess the results to determine that they meet contract requirements. The methods for quality assurance are described in the Quality Assurance Surveillance Plan (QASP).

Quality Control: Those actions taken by a Contractor to control the production of outputs to ensure that they conform to the contract requirements.

Removal: Transportation of cut whole trees, boles, slash, and/or equipment on designated haul roads from landings within the contract area to completely off of the National Forest, usually within a specified time frame.

Slash: Any Contractor generated residue from cutting, limbing, or bucking standing live trees, plus all dead and down woody material existing prior to Contractor's operations greater than 3" diameter and longer than 6 feet. See the following section Slash Treatment for a complete description of slash treatment methods and specifications.

Thinning: The process of selecting and leaving the most desirable trees (including those showing good health characteristics), to meet the average spacing rate listed for the units.

Piling: Creating clean burnable piles from fuel materials on site.

Chipping: Use of mechanized equipment to reduce slash and non-merchantable material to a size which will meet local mill utilization standards and then are hauled off site.

Spacing: The horizontal distance from the trunk of one leave tree to the trunk of the next nearest leave tree. Average spacing is calculated from the leave trees per acre.

Stream course: The area along a stream with riparian vegetation and other riparian characteristics. Stream courses are noted on the Contract Area Map.

## **CONTRACTOR WORK REQUIREMENTS AND STANDARDS**

Road Access: The Contractor may access the units from county and forest roads indicated on Contract Area Map.

Leave trees: All unmarked trees within the cutting area.

Unless otherwise approved by the Contracting Officer, all non-merchantable trees removed under the Mandatory work items shall be completely severed below the lowest live limb and within six (6) inches of the ground at an angle parallel to the slope, except when prevented by natural obstacles. A live limb is a limb of any size that has green needles attached. Cut trees shall be secured so they do not roll down hill and shall not be hung up on other trees or vegetation.

Slash Treatment: Treatments of slash is to include slashing, bucking, dispersion, commercial off-site removal, chipping, piling or mastication. Mandatory Slash treatment shall be concurrent and progressive with the harvesting.

Slash created and/or trees dropped by the Contractor’s operations shall not be left outside the unit boundaries unless agreed to in writing by the Forest Service.

Resource Protection: The Contractor shall exercise extreme care to prevent damage to existing facilities, developments, and resources in all aspects of the contract work.

**PERFORMANCE SUMMARY**

The following describes the major items in the contract with the incentives and deductions for the work described for the mandatory and optional stewardship activities.

Stewardship Projects	Performance Standard	Method of Assessment	Incentive/Deduction
<p><b>Contour Falling of all designated 5.0” -8.9” Trees</b></p>	<p>Quality Meets or exceeds performance standard of 90%</p>	<p>Inspector will conduct periodic visual inspections</p>	<ul style="list-style-type: none"> <li>• The Contractor’s quality will be reflected in the performance assessment either as positive or negative incentive.</li> <li>• If Contractor does not achieve at least 90% quality, deductions are assessed based on Method of Calculating Credits.</li> <li>•Rework is required if contractor fails to meet standards.</li> </ul>
<p><b>Contour Falling of all designated Aspen Trees</b></p>	<p>Quality Meets or exceeds performance standard of 90%</p>	<p>Inspector will conduct periodic visual inspections</p>	<ul style="list-style-type: none"> <li>• The Contractor’s quality will be reflected in the performance assessment either as positive or negative incentive.</li> <li>• If Contractor does not achieve at least 90% quality, deductions are assessed based on Method of Calculating Credits.</li> <li>•Rework is required if contractor fails to meet standards.</li> </ul>

**CONTRACTUAL ARRANGEMENT**

(a) This is a Notice to Proceed contract for the Mandatory services specified and effective for the period stated in the Contractor’s Proposal and made a part of this contract. The quantities of services specified in the Schedule are estimates only and are not purchased by this contract, except as orders are placed in accordance with the ordering clauses. Minimum and maximum quantity requirements, if any, are as stated in AT4.4 STEWARDSHIP CREDITS.

(b) Performance shall be made only as authorized by the Contracting Officer in writing in the form of a Payment Unit Release.

(c) Subject to any limitations in this contract, the Contractor agrees to furnish to the Government the services specified in the Schedule and called for by Task Orders/Payment Unit releases, issued by the Contracting Officer. The Contractor shall furnish to the Government the services specified in AT4.4 STEWARDSHIP CREDITS, up to and including the quantity as shown in AT4.4.

(d) The Government will obtain performance of all services in the Schedule exclusively from the Contractor, until such time as the Government requires performance and the contractor is unable to provide.

#### **INSPECTION AND ACCEPTANCE**

##### **Government Quality Assurance Inspection**

##### **For All Stewardship Project Items**

The Government will, at its convenience, make periodic inspections of the work to assure itself of contract compliance and to perform Quality Assurance Inspections to determine confirm with the Contractor is performing quality control in accordance with its QCP and that Contractor monitoring results in quality performance of contract objectives. The Government reserves the right to inspect all equipment, material and supplies prior to starting work for suitability; the decision of the Contracting Officer as to acceptability shall be final. The Contractor is required to provide a proficient and productive crew to obtain satisfactory.

The Government will do visual inspection to make sure the Contractor is in compliance with the specifications and proceeding satisfactory. The Contractor will be required to furnish all supplies and equipment unless listed as Government furnished property.

#### **UNSATISFACTORY PERFORMANCE**

##### **For All Stewardship Projects Items**

If the percentage of satisfactory work falls below 90 percent, the Government will immediately notify the Contractor in writing and order improvement of the quality of future work. If the quality of future work is not raised above the 90 percent within two consecutive workdays after receipt of notice in writing of unsatisfactory work, the Contractor's right to proceed may be suspended and the contract considered in breach. Repeated failure to perform work at or above 90 percent acceptable performance shall also be considered breach of contract. If final inspection shows a percentage of less than 90 percent than the contractor has the option of rework the portion the unit where below the work is unsatisfactory or accept a one percent in pay reduction for every one below up to eighty percent. If the satisfactory work is below minimum of 80 percent no pay will be paid contractor without rework. See "Method of Calculating Credits" for additional information.

#### **REWORK AND REINSPECTION AFTER REWORK**

##### **For All Stewardship Project Items**

When inspection indicate that the performance objectives were not met, the work will be deemed unsatisfactory and payment will not be made until the Contractor has assured the Government that its Quality Control measures have corrected the deficiencies. Inspection after rework will be made in the same manner as the first inspection. The cost to the government are below 90 percent and the deficiency is correctable, payment will not be made until the deficiency has been corrected. Reinspection after rework will be made in the same manner as the first inspection but on different plot lines. The Contractor shall pay for inspections necessitated by the rework except for the first reinspection on any work.