

**APPENDIX B****STEWARDSHIP CONTRACT TIMBER REMOVAL SPECIFICATIONS****B.0—CONTRACT AREA****B.2 – Claims****C.0—TIMBER SPECIFICATIONS****C.1 – Included Timber****C.1.1 – Standard Timber****C.1.2 – Substandard Timber****C.1.3 – Damaged Timber****C.1.3.1 – Damaged by Contractor****C.1.3.2 – Negligent or Willful Damage****C.1.3.4 – Minor Damage by Natural Causes****C.1.4 – Unintentionally Cut Timber****C.1.5 – Construction Timber****C.1.6 – Other Material****C.2 – Utilization and Removal of Included Timber****C.3 – Timber Designations****C.3.1 – Clearcutting Units****C.3.2 – Construction Clearing****C.3.2.2 – Other Authorized Clearings****C.3.3 – Overstory Removal Units****C.3.4 – Understory Removal Units****C.3.5 – Individual Trees****C.3.7 – Minor Changes****C.4 – Volume Estimate****D.0—RATES OF PAYMENT****D.1 – Current Contract Rates****D.4 – Other Payment Rates****D.4.1 – Material and Quantities Not in Division A****D.4.2 – Timber Cut Through Mistake****D.4.2.1 – Designated Timber Cut But Not Removed****D.4.3 – Undesignated Timber Damaged Without Negligence****D.4.4 – Undesignated Timber Unnecessarily Damaged or Negligently or Willfully Cut****D.4.5 – Liquidated Damages****D.4.7 – Defect Caused by Abnormal Delay****E.0—PAYMENTS****E.1 – Amount Payable for Timber****E.2 – Integrated Resource Account****E.3 – Deposits When Payment Guaranteed****G.0—OPERATIONS****G.4 – Conduct of Logging****G.4.1 – Felling and Bucking****G.4.1.1 – Felling in Clearings****G.4.1.2 – Stump Heights****G.4.1.3 – Bucking Lengths****G.4.1.4 – Limbing****G.4.2 – Skidding and Yarding****G.4.2.1 – Rigging****G.4.2.2 – Landings and Skid Trails****G.4.2.3 – Skidding on Roads****G.4.2.4 – Arches and Dozer Blades****G.6.3 – Temporary Roads****G.6.4 – Landings****G.6.5 – Skid Trails and Fire Lines****G.6.6 – Current Operating Areas****G.6.7 – Erosion Control Structure Maintenance****G.7 – Slash Disposal****G.8 – Scaling****G.8.1 – Scaling Services****G.8.1.1 – Scaling Location****G.8.1.2 – Scaling Adjustments****G.8.1.3 – Delayed or Interrupted Scaling Services****G.8.1.4 – Weighing Services****G.8.2 – Presentation for Scaling****G.8.3 – Scaling Other Products****G.8.4 – Accountability****G.8.4.1 – Route of Haul****G.8.4.2 – Product Identification****G.8.5 – Scaling Lost Products****G.8.5.1 – Scaling Lost Sample Loads****G.8.6 – Scale Reports****I.0—OTHER CONDITIONS****I.1 – Title and Liability****I.1.1 – Title Passage****I.1.2 – Liability for Loss****I.5 – Sale of Other Materials****K.0—SPECIAL CLAUSES****K-C.3# – Reserve Trees (09/04)****K-C.3.0.1# – Cutting Unit Boundaries (11/06)****K-C.3.5.2# – Designation by Species and Diameter (11/07)****K-E.3.1# – Blanket Bond (11/06)****K-F.1.1.3# – Use Agreement Between Forest Service and Owner (11/06)****K-F.3.4# – Obliteration of Temporary Roads, Skid Trails and Landings (11/06)****K-F.3.6# – Snow Removal (11/06)****K-G.3.2# – Protection of Reserve Trees (09/04)****K-G.4.2# – Skidding and Yarding (Special Objectives) (11/06)****K-G.6# – Erosion Prevention and Control (11/06)****K-G.6.0.1# – Erosion Control Seeding (11/06)****K-G.7.2# – Temporary Road Construction Slash Disposal (11/06)****K-G-8.2.5# – Scaling As Presented (Sales By Load Count) (Option 2) (1/08)****K-G.8.3# – Product Accountability (11/06)****K-G.8.5.3 – Loads Altered In Route (11/06)****K-I.6.8 – Use of Timber (Option 1) (09/04)**

**DIVISION A**

**A.1—LOCATION AND AREA**

Contract area of **287** acres more or less is located in: T1S, R72W, Sections 29 and 30; 6<sup>th</sup> PM Boulder County, Colorado

**A.2—VOLUME ESTIMATE AND UTILIZATION STANDARDS**

VOLUME ESTIMATE AND UTILIZATION STANDARDS								
SPECIES GROUP	PRODUCT	ESTIMATED QUANTITY	UNIT OF MEASURE	MINIMUM SPECIFICATIONS				
				MERCHANTABLE TREE		PIECE REQUIRED TO BE REMOVED		
				DIAMETER BREAST HIGH (DBH) (inches)	NUMBER OF MINIMUM PIECES PER TREE	LENGTH (feet)	DIAMETER INSIDE BARK AT SMALL END (inches)	<u>1/</u>
Lodgepole Pine Live	Sawtimber	<b>489</b>	CCF	7.0	1	8	6.0	10.67
Lodgepole Pine Live/Dead	Non-Sawtimber	<b>84</b>	CCF	5.0	1	6.5	4.0	8.0
TIMBER SUBJECT TO AGREEMENT								
<b>TOTAL QUANTITY</b>		<b>573</b>	CCF					

1/ Enter Merchantability Factor (Merch. Factor) or Net Scale in % of Gross Scale, whichever is appropriate.

\* Diameter measured at stump height.

**A.3—TIMBER DESIGNATIONS**

TIMBER DESIGNATIONS		
TYPE	NUMBER	ACRES (approximate)
Incompletely Measured (C.3)	—	—
Clearcutting Units (C.3.1)	—	—
Overstory Removal Units (C.3.3)	—	—
Understory Removal Units (C.3.4)	—	—
Individual Trees (C.3.5)	—	—
Designation by Species and Diameter (K-C.3.5.2#)	9	50

**A.6—STUMP HEIGHT**

STUMP HEIGHT		
SPECIES	PRODUCT	MAXIMUM STUMP HEIGHT
All	Sawtimber & Non-Sawtimber	6 inches

**A.9—SCALING INSTRUCTIONS AND SPECIFICATIONS**

Name and date of governing instructions: FSH 2409.11a, National Forest Cubic Log Scaling Handbook, 5/91, as amended

SCALING SPECIFICATIONS					
SPECIES	PRODUCT	MAXIMUM SCALING LENGTH <i>(feet)</i>	TRIM ALLOWANCE		
			DIAMETER RANGE <i>(inches)</i>	LENGTH RANGE <i>(feet)</i>	TRIM ALLOWANCE <i>(inches)</i>
All	All	20	All	All	6

**A.10—SCALING SERVICES**

SCALING SERVICES			
UNIT OF MEASURE	SITE AND GEOGRAPHIC LOCATION	METHOD	STANDARD ESTIMATED COST PER UNIT \$
CCF	Contractor’s millyard per written agreement	Load Count Scale	\$0.00

UNITED STATES DEPARTMENT OF AGRICULTURE  
Forest Service

**TIMBER REMOVAL SPECIFICATIONS**

CLAUSES FOR SCALED TIMBER REMOVAL CONTRACTS  
(Applicable to Contracts to be Measured After Felling)

This Division is organized into Parts, Sections, Subsections, and Items. These are numbered in accordance with the following scheme: Part B.1.0, Section B.1.1, Subsection B.1.11, and Item B.1.11.1. References to a Part include all Sections, Subsections, and Items within that Part; references to a Section include all Subsections and Items within that Section; and references to a Subsection include all Items within that Subsection. Cross references within this contract cite the reference number of the applicable Division, Part, Section, Subsection, and Item. Descriptive headings used are not to be considered in determining the rights and obligations of the parties hereunder. The Standard Clauses in this Division are subject to Specific Conditions of the contract stated in Division A. Wherever appropriate, Specific Conditions established in Division A are herein cited by reference number. References to Standard Clauses also apply to Special K Clauses with the same numbers. These clauses are applicable only to the timber removal portion of the MANCHESTER Stewardship except where otherwise specifically referenced. “Timber” when used in this appendix includes timber and other products.

**B.0—CONTRACT AREA**

**B.2 – Claims.** Valid claims are excluded from Contract Area, except those on which timber cutting is authorized in writing by the claimant and except mining claims on which cutting is authorized by the Act of July 23, 1955 (30 USC 614). Claims that limit Contractor’s rights to operate under this contract and that Forest Service has been able to identify are shown on Contract Area Map. Contractor is not obligated to operate contrary to existing claim limitations. Forest Service shall designate boundaries of claims on the ground to the extent necessary to identify Included Timber.

**C.0—TIMBER SPECIFICATIONS**

**C.1 – Included Timber.** “Included Timber” consists of:

**C.1.1 – Standard Timber.** Live and dead trees and portions thereof that meet Utilization Standards and are designated for cutting.

**C.1.2 – Substandard Timber.** Live and dead trees that:

- (a) Do not meet Utilization Standards, and
- (b) Are located in Clearcutting Units or construction clearings or are otherwise designated for cutting.

**C.1.3 – Damaged Timber.**

**C.1.3.1 – Damaged by Contractor.** Undesignated live trees meeting Utilization Standards:

- (a) Within 200 feet slope distance from centerline of roads constructed hereunder which are damaged by Contractor's construction to the extent that considerable deterioration or mortality is imminent and are designated by Forest Service for felling before the nearest road segment is substantially completed; or
- (b) Which are damaged by Contractor in logging and are subsequently Marked before Contractor has completed skidding or yarding operations in the immediate area. By agreement, such trees may be left without charge if their removal would cause undue damage or be grossly uneconomic.

**C.1.3.2 – Negligent or Willful Damage.** Undesignated timber meeting Utilization Standards and unnecessarily damaged or negligently or willfully cut by Contractor, if included by Forest Service.

**C.1.3.4 – Minor Damage by Natural Causes.** Undesignated trees within Contract Area and meeting Utilization Standards, that become insect infested, windthrown, suffer serious damage, or die, as designated by agreement.

**C.1.4 – Unintentionally Cut Timber.** Trees within or immediately adjacent to Contract Area or to road construction or other authorized clearing outside Contract Area, not designated for cutting but that are cut through mistake by Contractor, when included by Forest Service.

**C.1.5 – Construction Timber.** Trees to be used for construction under this contract.

**C.1.6 – Other Material.** Species or products not listed in the contract, upon written approval of Forest Service.

**C.2 – Utilization and Removal of Included Timber.** “Utilization Standards” for trees and minimum pieces are stated in Division A. To meet minimum tree specifications, trees must equal or exceed tree diameters listed in Division A and contain at least one minimum piece. Except for timber required or authorized to be left, Contractor shall fell and buck such trees and shall remove from Contract Area all pieces that:

- (a) Meet minimum piece standards in Division A, or
- (b) Do not meet such standards, but would have qualified as part of minimum pieces if bucking lengths were varied to include such material.

**C.3 – Timber Designations.** Timber designated for cutting shall be confined to Contract Area, except as otherwise provided. Contract Area Map indicates subdivisions, if any, where Marking is to be done after solicitation, except for construction clearing, minor changes, and damaged timber. The boundaries of Cutting Units were plainly Marked on ground before solicitation and are shown on Contract Area Map. The number of Units and approximate acreage of timber designations are stated in Division A.

**C.3.1 – Clearcutting Units.** All trees that meet Utilization Standards within “Clearcutting Units” are designated for cutting.

**C.3.2 – Construction Clearing.** All timber is designated for cutting that is within the clearing limits of roads constructed hereunder or is in other authorized clearings. All dead or unstable live trees are designated for cutting that are sufficiently tall to reach Contractor’s landings, work areas, or the roadbed of Specified and Temporary Roads when Marked in advance of work in the immediate area.

Pieces meeting Utilization Standards from such dead or unstable live trees shall be removed, unless there is agreement that to do so could damage the road. Such designation may be revised as part of agreed changes in road location.

**C.3.2.2 – Other Authorized Clearings.** Timber within authorized clearings for temporary roads, landings, or other construction clearings is designated for cutting. Quantities for such timber are not included in Division A.

**C.3.3 – Overstory Removal Units.** All trees within “Overstory Removal Units” are designated for cutting when they meet Utilizations Standards and equal or exceed the diameter limits shown on the Contract Area Map.

**C.3.4 – Understory Removal Units.** All trees within “Understory Removal Units” are designated for cutting when they meet Utilizations Standards and are smaller than the diameter limits shown on the Contract Area Map.

**C.3.5 – Individual Trees.** All trees to be cut, other than in the Units described in C.3.1, C.3.2, C.3.3, and C.3.4, are Marked or designated by description. Trees are “Marked” when individually designated by Forest Service with paint marks above and below stump height.

**C.3.6 – Contract Area Map.** Contract Area Map indicates areas plainly identified on the ground where leave trees are Marked to be left uncut.

**C.3.7 – Minor Changes.** Within Contract Area, minor adjustments may be made in boundaries of Units or in the timber individually Marked for cutting when acceptable to Contractor and Forest Service.

**C.4 – Volume Estimate.** The estimated volumes of timber by species designated for cutting and expected to be cut under Utilization Standards are listed in Division A. The estimated volumes stated are not to be construed as guarantees or limitations of the timber volumes to be designated for cutting under the terms of this contract.

**D.0—RATES OF PAYMENT**

**D.1 – Current Contract Rates.** Included Timber that is removed by Contractor and presented for scaling shall be paid for at Current Contract Rates determined under this Section. “Current Contract Rates” shall be Flat Rates. Flat Rates shall be those listed in Division A or B.2 of the Schedule of Items in the contract. In the event contract time is adjusted, Current Contract Rates shall be continued in the same manner as immediately prior to the adjustment period.

**D.4 – Other Payment Rates.**

**D.4.1 – Material and Quantities Not in Division A.** Incidental amounts of products or portions of trees of species that do not meet Utilization Standards may be removed without charge. Such material from Clearcutting Units and construction clearings may be purposely removed in more than incidental amounts without charge subject to agreement on deposits for road maintenance and use. Such material from other than Clearcutting Units and construction clearings may be purposely removed in more than incidental amounts without charge upon written approval of Contracting Officer, and subject to agreement on deposits if needed for road maintenance and use. Other species or products not listed, may, upon written approval of Contracting Officer, be cut and removed subject to agreement on rates of payment. Timber for which the quantity is not included in the estimate, shall be paid for at Current Contract Rates and Required Deposits.

**D.4.2 – Timber Cut Through Mistake.** Undesignated timber meeting Utilization Standards, cut by Contractor through mistake and included by the Forest Service, shall be removed and paid for at Current Contract Rates and Required Deposits, unless such material is not listed. In such event, Forest Service, in accord with standard Forest Service methods, shall establish rates to be paid.

**D.4.2.1 – Designated Timber Cut But Not Removed.** Standard timber shall be removed prior to acceptance of a Subdivision for completion of logging. There shall be no charge when:

- (a) Leaving the incidental material is justified under existing conditions, or
- (b) Cut timber is left by option or requirement.

**D.4.3 – Undesignated Timber Damaged Without Negligence.** Undesignated timber meeting Utilization Standards, damaged without negligence by Contractor and designated by Forest Service, shall be cut, removed, and paid for at Current Contract Rates and Required Deposits.

**D.4.4 – Undesignated Timber Unnecessarily Damaged or Negligently or Willfully Cut.** Undesignated timber meeting Utilization Standards and unnecessarily damaged or negligently or willfully cut by Contractor, if included by Forest Service shall be cut, removed, and paid for at Current Contract Rates and Required Deposits that are in addition to liquidated damages. If such timber is of a species or size not listed in Division A or is of a quality different from designated timber, Contracting Officer shall establish payment rates in accord with standard Forest Service methods.

**D.4.5 – Liquidated Damages.** Unnecessary damage to or negligent or willful cutting of undesignated timber, on portions of Contract Area cut over under this contract is likely to cause substantial silvicultural or other damage to the National Forest. It will be difficult, if not impossible, to determine the amount of such damage. Therefore, Contractor shall pay as fixed, agreed, and liquidated damages an amount equivalent to the amount payable at Current Contract Rates. If designated by the Forest Service, Contractor shall remove such damaged timber.

**D.4.7 – Defect Caused by Abnormal Delay.** Scaling deductions made for rot, check, or other defect resulting from abnormal delay in Scaling caused by Contractor shall be recorded separately and charged to Integrated Resource Account at Current Contract Rates and applicable deposits.

**E.0—PAYMENTS**

**E.1 – Amount Payable for Timber.** Current Contract Rates and Required Deposits in effect when the timber is Scaled shall be applied to the Scaled volume to determine the amount Contractor shall pay.

**E.2 – Stewardship Account.** “Stewardship Account” is an account of all Contractor’s deposits, credits, Payment Guarantees, and the charges for:

- (a) Timber, or other Products at rates specified in contract,
- (b) Slash disposal and road maintenance at Required Deposit rates,
- (c) Stewardship Credits established,
- (d) Contract Scaling Deposits, and
- (e) Other Charges provided in this contract.

Cash deposits and Stewardship Credits earned shall be recorded currently in such account.

Charges for timber cut shall be made when Forest Service prepares and furnishes to Contractor periodic statements of volume and value of such timber cut and Scaled. Charges against Stewardship Credits shall be limited to timber value in excess of Required Deposits. Required Deposits and Other Charges shall be paid in cash.

Contractor shall make cash deposits to meet Contractor’s obligations within 15-days of billing by the Forest Service. Deposits shall be made to Forest Service, USDA, by mail or delivery to the address shown on the bill for collection.

**E.3 – Deposits When Payment Guaranteed.** (05/10) To the extent payment guarantee is provided under Clause entitled, “PRODUCT PAYMENT GUARANTEE” requirements for advance cash deposits shall be waived for the value of Product on contract area that is cut, but not removed, and for the value of Products removed from contract area, up to limit of remaining Stewardship Credits to be earned and exchanged for value of included product except for Required Deposits and Associated Charges. Associated charges shall be waived for not more than one monthly billing period.

## **G.0—OPERATIONS**

**G.4 – Conduct of Logging.** Unless otherwise specifically provided herein, Contractor shall fell trees designated for cutting and shall remove the portions which meet Utilization Standards, except for occasional trees inadvertently not cut or trees or pieces not removed for good reason, including possible damage to forest resources or gross economic impracticability at the time of removal of other timber. Logging shall be conducted in accordance with the following, unless other clauses set forth requirements to meet special or unusual logging conditions:

**G.4.1 – Felling and Bucking.** Felling shall be done to minimize breakage of Included Timber and damage to residual timber. Unless agreed otherwise, felling shall be done by saws or shears. Bucking shall be done to permit removal of all minimum pieces set forth in Division A. Contractor may buck out cull material when necessary to produce pieces meeting Utilization Standards. Such bucked out material shall contain a minimum amount of sound wood, not in excess of the net Measure in percentage of gross Measure, or based on the merchantability factor, whichever is stated in Division A. If necessary to assess extent of defect, Contractor shall make sample saw cuts or wedges.

**G.4.1.1 – Felling in Clearings.** Insofar as ground conditions, tree lean and shape of clearings permit, trees shall be felled so that their tops do not extend outside construction clearings and areas of regeneration cutting.

**G.4.1.2 – Stump Heights.** Stumps shall not exceed, on the side adjacent to the highest ground, the maximum heights set forth in Division A, except that occasional stumps of greater heights shall be acceptable when necessary for safe and efficient conduct of logging. Except for acceptable high stumps stated above, Contractor shall re-cut high stumps so they will not exceed heights specified in Division A, and shall dispose of severed portions in the same manner as other logging debris or as otherwise agreed. The stump heights shown in Division A were selected with the objective of maximum reasonable utilization of the timber unless the Contract Area Map shows special areas where stump heights are lower for aesthetic, land treatment or silvicultural reasons.

**G.4.1.3 – Bucking Lengths.** Trees shall be bucked in various lengths to obtain the greatest utilization of material meeting Utilization Standards.

**G.4.1.4 – Limbing.** When Forest Service determines it is necessary to minimize damage to the residual stand during skidding, Contractor shall cut exposed limbs from products prior to skidding. Contractor may leave uncut those limbs that cannot be cut with reasonable safety.

**G.4.2 – Skidding and Yarding.** Methods of skidding or yarding specified for particular areas, if any, are indicated on the Contract Area Map. Outside Clearcutting Units and construction clearings, insofar as ground conditions permit, products shall not be skidded against reserve trees or groups of reproduction and tractors shall be equipped with a winch to facilitate skidding.

**G.4.2.1 – Rigging.** Insofar as practicable, needed rigging shall be slung on stumps or trees designated for cutting.

**G.4.2.2 – Landings and Skid Trails.** Location of all landings, tractor roads, and skid trails shall be agreed upon prior to their construction. The cleared or excavated size of landings shall not exceed that needed for efficient skidding and loading operations.

**G.4.2.3 – Skidding on Roads.** Products may be skidded on permanent roads authorized for hauling only by prior written agreement.

**G.4.2.4 – Arches and Dozer Blades.** Skidding tractors equipped with pull-type arches or dozer blades wider than tractor width or C-frame width, whichever is greater, shall not be used in residual timber outside Clearcutting Units and other authorized clearings, except on constructed tractor roads or landings, unless there is written agreement that residual timber will not be damaged materially by such use.

**G.6.3 – Temporary Roads.** As necessary to attain stabilization of roadbed and fill slopes of Temporary Roads, Contractor shall employ such measures as outsloping, drainage dips, and water-spreading ditches.

After a Temporary Road has served Contractor's purpose, Contractor shall give notice to Forest Service and shall remove bridges and culverts, eliminate ditches, outslope roadbed, remove ruts and berms, effectively block the road to normal vehicular traffic where feasible under existing terrain conditions, and build cross ditches and water bars, as staked or otherwise Marked on the ground by Forest Service. When bridges and culverts are removed, associated fills shall also be removed to the extent necessary to permit normal maximum flow of water.

**G.6.4 – Landings.** After landings have served Contractor's purpose, Contractor shall ditch and slope them to permit water to drain or spread. Unless agreed otherwise, cut and fill banks around landings shall be sloped to remove overhangs and otherwise minimize erosion.

**G.6.5 – Skid Trails and Fire Lines.** Contractor shall construct cross ditches and water-spreading ditches on tractor roads and skid trails, where staked or otherwise Marked on the ground by Forest Service. Forest Service shall designate cross ditching on Contractor-built fire lines prior to or during construction. By agreement, Contractor may use other comparable erosion control measures, such as backblading skid trails, in lieu of cross ditching.

**G.6.6 – Current Operating Areas.** Where logging, road construction, or other stewardship project work is in progress but not completed, unless agreed otherwise, Contractor shall, before operations cease annually, remove all temporary log culverts and construct temporary cross drains, drainage ditches, dips, berms, culverts, or other facilities needed to control erosion.

Such protection shall be provided, prior to end of the day on **NOVEMBER 1<sup>st</sup>** for all disturbed, unprotected ground that is not to be disturbed further prior to end of operations each year, including roads and associated fills, tractor roads, skid trails, and fire lines. When weather permits operations during **NOVEMBER 2 – MAY 15** inclusive, the Contractor shall keep such work on any additional disturbed areas as up to date as practicable.

**G.6.7 – Erosion Control Structure Maintenance.** During the period of this contract, Contractor shall provide maintenance of soil erosion control structures constructed by Contractor until they become stabilized, but not for more than 1-year after their construction. Contractor shall not be responsible for repair of such structures damaged by other National Forest users whose activities are not a part of Contractor's operations.

**G.7 – Slash Disposal.** Contractor's timing of product removal and preparatory work shall not unnecessarily delay slash disposal. Specific slash disposal measures to be employed by Contractor are stated elsewhere herein and are in addition to Required Deposits for slash disposal.

**G.8 – Scaling.** “Scaling,” as used herein, involves:

- (a) Various volume determination methods, such as log rule, sampling, measuring, linear measuring, counting, weighing, or another method or combination of methods;
- (b) Various sites, such as truck Scaling stations, rollways, weighing stations, woods landings, water Scaling stations, or other sites; and
- (c) Various geographic locations.

**G.8.1 – Scaling Services.** Scaling services shall be performed by Forest Service personnel or parties under contract to Forest Service, except that weighing services may be performed by personnel or parties approved by Forest Service. Scaling shall be provided in accordance with the instructions and specifications in Division A. Scalers shall be currently certified to perform accurate Scaling services. The Scaling services provided shall be selected exclusively by Forest Service. Scaling services may be Continuous, Intermittent, or Extended. “Continuous Scaling Services” is Scaling at one site for five, 8-hour shifts a week, exclusive of Sundays and Federal holidays. “Intermittent Scaling Services” are non-continuous Scaling services. “Extended Scaling Services” are Scaling services exceeding Continuous Scaling Services and may include Sundays and designated Federal holidays. Upon written request of Contractor and approval of Contracting Officer, Forest Service may provide other services, such as but not limited to grading, tagging, or marking of Scaled logs.

**G.8.1.1 – Scaling Location.** Forest Service shall provide Scaling services at the Scaling site(s) shown in Division A. The Scaling site(s) shown in Division A normally will be a non-exclusive site where more than one National Forest contractor may be served. Contractor may request, in writing, an alternate Scaling site, such as at a private mill yard, private truck ramp, or a privately operated log transfer facility. Contracting Officer may approve an alternate Scaling site, when Contracting Officer determines that Scaling conditions at an alternate site are acceptable. Such conditions shall include at a minimum:

- (a) Scaler safety and comfort,
- (b) Product accountability and security,
- (c) Facilities and practices conducive to accurate and independent Scaling, and
- (d) The ability to provide for remote check Scaling.

Upon approval of an alternate Scaling site, Forest Service and Contractor shall enter into a written memorandum of agreement governing Scaling at that alternate location. Contractor agrees that Forest Service personnel or persons under contract with Forest Service shall perform Scaling services at an alternative Scaling site. In no instance shall Contractor or employees of Contractor perform Scaling services.

**G.8.1.2 – Scaling Adjustments.** Forest Service shall check the accuracy of the Scaling performed on National Forest logs. Scaling will be satisfactory if performed within the accuracy standards stated in governing instructions identified in Division A. In the event Forest Service check Scale(s) shows a variance in net Scale in excess of the allowable variance, an adjustment to volume reported Scaled may be made by Forest Service. Such adjustment will be based on the difference between Forest Service check Scale(s) and original Scale for contract volume Scaled within the adjustment period. The volume to which this difference will be applied will be:

- (a) One-half of the volume Scaled between the last satisfactory check Scale and the first unsatisfactory check Scale or, if a period of 120-days or more occurs without Scaling National Forest timber for stumpage, the adjustment will be applied to 100 percent of the volume Scaled after this period, and
- (b) 100 percent of the volume Scaled between unsatisfactory check Scales, and
- (c) One-half of the volume Scaled between the last unsatisfactory check Scale and the next satisfactory check Scale, or if no satisfactory check Scale is completed and a period of 120-days or more occurs without Scaling of National Forest timber for stumpage, the adjustment will be applied to 100 percent of the volume Scaled since the last unsatisfactory check Scale. Adjustments may increase or decrease the original Scaled volume. Adjustments will be applied to Integrated Resource Account to correct charges for Included Timber, plus deposits, Scaled during the adjustment period.

**G.8.1.3 – Delayed or Interrupted Scaling Services.** In the event Scaling services are delayed or interrupted, Contractor shall discontinue hauling. Contractor further agrees that no logs will be presented for Scaling outside agreed upon Scaling services schedule.

**G.8.1.4 – Weighing Services.** Weighing services for stumpage payment purposes may be provided by either public or privately owned and operated weighing facilities. A “Weighing Services Agreement,” approved by the Forest Supervisor, must be executed at each weighing facility providing weighing services. Scales used to weigh National Forest products for payment purposes must be a currently certified scale in accordance with State law and be capable of weighing the entire load of logs in a single operation. The weighing of less than the entire load or weighing two loads at once is prohibited. Unless otherwise agreed, the minimum sized weighing facility shall be a 60-ton capacity scale with a 10 foot by 70 foot platform or larger. The weighmaster must work in a position where it is possible to verify that the truck wheels are on or off the scales.

Weighing facilities shall meet the following minimum requirements:

- (a) Be an electronic design,
- (b) Use electronic load cells or have a fully enclosed and sealed weigh-beam,
- (c) Have digital weight meters sealed with a seal approved by the State,
- (d) Have a zero interlocking device on the printer,
- (e) Have an automatic zero-setting mechanism,
- (f) Have an automatic motion-detecting device,
- (g) Be shielded against radio or electromagnetic interference, and
- (h) Have a date and time stamp and gross and tare weights that print electronically with each weighing.

Contracting Officer may waive electronic printing for public or third party weighing facilities.

Contractor shall bear all charges or fees for weighing services.

**G.8.2 – Presentation for Scaling.** Contractor shall present products so that they may be Scaled in an economical and safe manner. If prior to Scaling, Included Timber is to be mixed with other timber, Contractor shall, prior to mixing, provide for distinguishing, by means approved by Forest Service, each product included in this contract.

Trees or pieces presented for Scaling that have not been bucked to separate material meeting minimum piece standards from material not meeting minimum piece standards due to diameter, shall be Scaled as though such bucking had been done.

Deductions made for rot, check, or other defects resulting from abnormal delay in Scaling caused by Contractor shall be recorded separately and charged to Integrated Resource Account under D.4.7.

Any timber that has been removed from Contract Area during the period of this contract, but remains unscaled after contract termination, shall be Scaled at the earliest reasonable date.

**G.8.3 – Scaling Other Products.** The Scaled volume of material presented for Scaling in forms other than those stated in Division A., when appropriate, shall be converted to the Division A unit of measure by the application of standard converting factors and procedures in effect at the time the contract was sold. Other converting factors may be used by written agreement.

**G.8.4 – Accountability.** When Scaling is performed away from Contract Area, products shall be accounted for in accordance with Forest Service written instructions or an Accountability Agreement between Forest Service and Contractor and as follows:

- (a) Contractor shall plainly mark or otherwise identify products prior to hauling in accordance with G.8.4.2;
- (b) Forest Service shall issue removal receipts to Contractor;
- (c) Contractor shall assign a competent individual at the landing to complete removal receipts and attach them to each load of products removed from Contract Area;
- (d) Removal receipts shall be returned to Forest Service at periodic intervals;
- (e) When products are in transit, the truck driver shall possess or display removal receipt and show it upon request as evidence of authority to move products;

- (f) The scaler's portion of removal receipt shall be surrendered at point of Scaling, the unloading point, or as requested by Forest Service; and
- (g) Contractor shall notify Forest Service of lost or off-loaded logs and their location within 12-hours of such loss.

Contractor shall not place products in storage for deferred Scaling until an accountability system has been agreed to in writing for a stated period.

**G.8.4.1 – Route of Haul.** Contractor shall furnish a map showing the route of haul over which unscaled products will be transported from Contract Area to the approved Scaling location. Such route of haul shall be the shortest, most economical haul route available between the points.

Upon advance written agreement, other routes may be approved. All unscaled products removed from Contract Area shall be transported over the designated routes of haul. Contractor shall notify Forest Service when a load of products, after leaving Contract Area, will be delayed for more than 12-hours in reaching Scaling location.

Contractor shall require truck drivers to stop, if requested by Forest Service, for the following reasons:

- (a) For accountability checks when products are in transit from Contract Area to the designated Scaling location, or
- (b) For a remote check Scale when products are in transit after being truck Scaled at the designated Scaling location.

Contractor and Forest Service shall agree to locations for accountability checks and remote check Scales in advance of haul. Such locations shall be established only in areas where it is safe to stop trucks.

Forest Service shall notify Contractor of the methods to be used to alert truck drivers of an impending stop.

**G.8.4.2 – Product Identification.** For contracts west of the 100<sup>th</sup> meridian, before removal from Contract Area, unless Contracting Officer determines that circumstances warrant a written waiver or adjustment, Contractor shall:

- (a) Hammer brand all products that are 8 feet or more in length and one-third (1/3) or more sound, on each end that is 7 inches or more in diameter,
- (b) West of the 100<sup>th</sup> meridian, paint with a spot of highway-yellow paint all domestic processing products that are 8 feet or more in length and one-third (1/3) or more sound, on each end that is 7 inches or more in diameter. Each paint spot must be not less than 3 square inches in size.

Contracting Officer shall assign brands and, if Contract Area is within a State that maintains a log brand register, brands shall be registered with the State. Contractor shall use assigned brand exclusively on logs from this contract until Contracting Officer releases brand. Contractor shall furnish and apply highway-yellow paint of a lasting quality (oil-base or equivalent).

All hammer brands and/or highway-yellow paint must remain on logs until they are domestically processed. Contractor shall replace identifying marks if they are lost, removed, or become unreadable. Contractor may remanufacture products into different log lengths. Except for logs remanufactured as part of the mill in-feed process immediately before processing, remanufactured products must be rebranded with the assigned contract brand and repainted with highway-yellow paint, unless otherwise agreed to in writing by Contracting Officer. For such remanufactured products, Contracting Officer may approve use of a brand to be used exclusively as a catch brand, in lieu of the assigned contract brand.

**G.8.5 – Scaling Lost Products.** The volume of lost products shall be determined by the best methods currently available, using data from the records for the period in which the loss occurred or the most applicable period if loss should occur substantially after cutting. In the absence of specific information indicating size or species of lost products, species distribution and volume for entire truckloads shall be assumed to be the same as the average volume Scaled per truck during the report period, and for individual products it shall be assumed that the volume and species were the average volume of the highest priced species Scaled during the report period.

**G.8.5.1 – Scaling Lost Sample Loads.** If Scaling is being done by sampling loads of logs, Contractor shall present such sample loads for Scaling by Forest Service. If loads of logs selected to be sample Scaled are placed in the decks before they are Scaled, they will be considered as lost sample loads. It will be difficult, if not impossible, to determine the volume and species contained in such loads for payment purposes. Therefore, lost sample loads will be deemed to have a Scale volume and species composition equal to that of the highest value load Scaled during the sampling period, as established by Forest Service. If no sample loads were Scaled during the period, the Scale data for the high valued load will be taken from the most current preceding sampling period with Scale. Sample loads lost as a result of Forest Service actions shall be treated as non-Scaled loads.

**G.8.6 – Scale Reports.** Forest Service shall provide Contractor a copy of Forest Service scaler’s record, if requested in writing.

## **I.0—OTHER CONDITIONS**

### **I.1 – Title and Liability.**

**I.1.1 – Title Passage.** All right, title, and interest in and to any Included Timber shall remain in Forest Service until it has been cut, Scaled, and removed from Contract Area or other authorized cutting area, and paid for, at which time title shall vest in Contractor. Timber cut under the terms of clause titled Product Payment Guarantee, shall be considered to be paid for. Title to any Included Timber that has been cut, Scaled and paid for, but not removed from Contract Area or other authorized cutting area by Contractor on or prior to contract termination, shall remain in Forest Service.

**I.1.2 – Liability for Loss.** If Included Timber is destroyed or damaged by an unexpected event that significantly changes the nature of the Included Timber, such as fire, wind, flood, insects, disease, or similar cause, the party holding title shall bear the timber value loss resulting from such destruction or damage; except that such losses caused by insect or disease after felling of timber shall be borne by Contractor, unless Contractor is prevented from removing such timber by the Forest Service. Deterioration or loss of value of salvage timber is not an unexpected event. In the event Included Timber to which Forest Service holds title is destroyed, Contractor will not be obligated to remove and pay for such timber. In the event Included Timber to which Forest Service holds title is damaged, Contracting Officer shall make an appraisal to determine for each species the difference between the appraised unit value of Included Timber immediately prior to the value loss and the appraised unit value of timber after the loss. Current Contract Rates in effect at the time of the value loss shall be adjusted by said differences to become the re-determined rates.

There shall be no obligation for Forest Service to supply, or for Contractor to accept and pay for, other timber in lieu of that destroyed or damaged. This Subsection shall not be construed to relieve either party of liability for negligence.

**I.5 – Sale of Other Materials.** Forest Service reserves the right to sell from Contract Area during the period of this contract any materials or products not subject to its terms, but shall not permit removal, possession or use thereof which will materially interfere with Contractor’s operations. Contractor shall not be obligated to do any work made necessary by the action of others.

**K.0—SPECIAL K CLAUSES**

**K-C.3# – RESERVE TREES (9/04)**

Notwithstanding the designations for cutting under C.3.1, C.3.2, C.3.3 or C.3.4, live or dead **Wildlife** reserve trees or groups of reserve trees within such Cutting Units or clearings shall be left uncut. Reserve trees are identified by a **Pink Band at Breast Height** and shall be protected in accordance with K-G.3.2#. Units with reserve trees are shown on the Contract Area Map.

**K-C.3.0.1# – CUTTING UNIT BOUNDARIES (11/06)**

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

CUTTING UNIT BOUNDARY DESIGNATION		
UNIT	PAINT COLOR	DESIGNATION 1
All	Orange	Each boundary tree is Marked with 1 <u>Orange</u> stripe and 2 <u>Orange</u> dots. The stripe is painted at eye level and faces into the Cutting Unit. The dots on the sides of the tree face the adjoining boundary trees. Each boundary tree has an <u>Orange</u> mark below the stump height. The Cutting Unit number is identified on the trees with <u>Orange</u> paint.

**K-C.3.5.2# – DESIGNATION BY SPECIES AND DIAMETER (11/07)**

Trees that meet Utilization Standards are designated for cutting, as shown on the Tree Designation Table and Contract Area Map, except trees Marked with **Pink** paint or described to be left uncut.

TREE DESIGNATION			
UNIT	DESIGNATED SPECIES	MORE THAN STUMP DIAMETER (inches)	LESS THAN STUMP DIAMETER (inches)
All	Live LP	6	N/A

Additional trees to be cut, if any, are Marked with **Blue** paint.

All **Ponderosa Pine, Douglas-Fir, Spruce, Aspen, and dead Lodgepole Pine** shall be left as leave trees, unless Marked with **Blue** paint. Leave N/A trees of the designated cut species, N/A inches stump diameter or greater, to avoid leave tree spacing greater than N/A feet. Cutting Unit boundaries and other trees that shall be left uncut are Marked with **Orange** paint.

Distances are measured horizontal distance, outside bark stump height to outside bark stump height. Stump diameter is measured outside bark at stump height in a horizontal plane and is the average of a measurement across the short axis through the true center of the stump and a second measurement at right angles to the short axis.

Contractor and Forest Service shall agree to skid trail location under G.4.2.2. Skid trails shall be no greater than **12** feet wide with a **100** foot spacing.

**K-E.3.1# – BLANKET BOND (11/06)**

If Contractor furnishes an acceptable bond or deposits securities, in accordance with Section E.3, to guarantee payment for timber from this and other timber contracts within the same Contracting Zone, the amount of such bond or deposited securities shall be allocated to such contracts by Forest Service. When there is to be no timber cutting hereunder for 30-calendar days or more and payment of current charges has been made, the allocation to this contract shall be reallocated to other contracts at Contractor’s request, and Contractor shall not start cutting hereunder until this contract receives an allocation which will meet the obligation for payment guarantee.

The Contracting Zone as stated in this provision contains the following National Forests:

CONTRACTING ZONE	NATIONAL FOREST
North Zone (NZ)	Bighorn National Forest
	Medicine-Bow Routt National Forests
	Arapaho Roosevelt National Forests
	Shoshone National Forest
	White River National Forest

**K-F.1.1.3# – USE AGREEMENT BETWEEN FOREST SERVICE AND OWNER (11/06)**

Contractor is authorized to construct a temporary road approximately 700 feet from the Shoshoni Road to US Forest Service property, subject to the terms and conditions of a Special Use Permit between the Forest Service and SGRY of Colorado, Inc. A copy of the permit is available for review in the office of the District Ranger in Boulder, Colorado, as well as in the office of the Forest Supervisor in Fort Collins, Colorado.

**K-F.3.4# – OBLITERATION OF TEMPORARY ROADS, SKID TRAILS, AND LANDINGS (11/06)**

Unless otherwise agreed to in writing, temporary roads, skid trails, and landings associated with the Cutting Units listed in the following table shall be obliterated using the methods described.

OBLITERATION		
UNIT	TYPE	METHOD
All	Landings	(a) Scarification to a minimum depth of <u>10</u> inches. (b) On road sections where grades exceed 10%; create waterbreaks/waterbars every <u>50</u> feet, on average. (c) Seed as directed in K-G.6.0.1#. (d) Where available, up to 60% of the disturbed surface will be covered by scattering slash so it will not exceed <u>12</u> inches above the ground surface. Slash preferred will be tops and foliage.
All	All Main Skid Roads/Trail Approaches to Landings <u>100</u> feet into the Unit	COR and/or other Forest Service representative will determine which obliteration method will be used on a site-by-site basis. These methods may include, but are not limited to: install drainage structures, place slash or other material (rocks, logs, stumps), outslope roadbed, and/or decompact by scarification to a depth of <u>10</u> inches.

**K-F.3.6# – SNOW REMOVAL (11/06)**

Snow removal shall be done in a manner to preserve and protect the roads to insure safe and efficient transportation and to prevent unacceptable erosion damage to roads, streams, and adjacent lands.

- (a) Description. Snow removal work by Contractor shall include:
  - (1) Removal of snow from entire road surface width including turnouts.
  - (2) Removal of snow slides, minor earth slides, fallen timber and boulders that obstruct normal road surface width including turnouts.
  - (3) Maintain drainage so that the drainage system will function efficiently.
- (b) Performance. All items of snow removal shall be done currently as necessary to insure safe, efficient transportation. Work shall be done in accordance with the following minimum standards of performance.
  - (1) Removal of material. All debris, except snow and ice that is removed from the road surface and ditches shall be deposited away from stream channels at agreed locations.
  - (2) During snow removal operations, banks shall not be undercut nor shall gravel or other selected surfacing material be bladed off the roadway surface.

- (3) Ditches and culverts shall be kept functional during and following roadway use.
- (4) Snow berms shall not be left on the road surface. Berms left on the shoulder of road shall be removed and/or drainage holes shall be opened and maintained. Drainage holes shall be spaced as required to obtain satisfactory surface drainage without discharge on erodible fills.
- (5) Dozers and skidders shall not be used to plow snow on system roads without written approval of Forest Service. Upon approval, dozers and skidders must be equipped with shoes or runners to keep the plow blade a minimum of 2 inches above the road surface unless specifically removed from the requirements in writing.
- (6) Snow must not be removed to the road surface. A minimum 2 inch depth must be left to protect the roadway.
- (7) Contractor's damage from, or as a result of, snow removal shall be restored in a timely manner.

**K-G.3.2# – PROTECTION OF RESERVE TREES (9/04)**

Contractor’s damage or destruction of reserve trees described in K-C.3# – Reserve Trees, will cause serious and substantial silvicultural or other damage to the National Forest. It will be difficult if not impossible to determine the amount of such damage. Therefore, Contractor shall pay as fixed, agreed, and liquidated damage **\$100** for each **Wildlife** reserve tree and **\$100** for each **Leave** reserve tree damaged or destroyed by Contractor’s operations, in addition to amounts payable under D.4.4 and D.4.5.

Damage, as herein, includes any injury to the living crown, bole, roots, of reserve trees. If areas are Marked on the ground around such reserve trees, operation of heavy equipment or skidding of products within the area shall be considered to be damage to the tree.

**K-G.4.2# – SKIDDING AND YARDING (SPECIAL OBJECTIVES) (11/06)**

Unless otherwise agreed in writing, silvicultural prescriptions and land management objectives shall be conducted and accomplished by the following requirements, methods, and procedures:

<b>SKIDDING AND YARDING</b>	
<b>UNIT</b>	<b>SPECIAL OBJECTIVES</b>
All	Whole tree skidding is required. Logs shall be skidded with the leading end free of the ground
All	Tractor skid roads shall be no less than <b>100</b> feet apart on average, depending on topography, except when converging

**K-G.6# – EROSION PREVENTION AND CONTROL (11/06)**

- (a) Contractor shall locate Temporary Roads on locations approved by the Forest Service. Such location shall include the marking of road centerline or grade-line and the setting of such construction stakes as are necessary to provide a suitable basis for economical construction and the protection of National Forest lands.
- (b) Skidding with tractors within **100** feet of live streams shall not be permitted except in places designated in advance by Forest Service, and in no event shall skid roads be located in live or intermittent Streamcourses. Skid trails shall be located high enough out of draws, swales, and valley bottoms to permit diversion of runoff water to natural undisturbed forest ground cover.
- (c) Prior to periods of accelerated water runoff, especially during the spring runoff and periods of heavy rainfall, Contractor shall inspect and open culverts and drainage structures, construct special cross ditches for road runoff, and take other reasonable measures needed to prevent soil erosion and siltation of streams.
- (d) Temporary Road surface width shall be limited to truck bunk width plus **4** feet, except for needed turnouts which shall not exceed two-times the bunk width plus **4** feet. If shovels or cranes with revolving carriage are used to skid or load, Temporary Road surface width equal to track width plus tail swing shall be permitted.

- (e) Unless otherwise agreed in writing, Contractor shall keep erosion control work current with his operations under the contract and in any case not later than 15-days after completion of skidding on each Payment Unit or Cutting Unit.

**K-G.6.0.1# – EROSION CONTROL SEEDING (11/06)**

Following completion of skidding and yarding operations in an area, Contractor shall seed and fertilize all exposed areas of raw soil which has been designated by the Forest Service on skid trails, landings, firebreaks, slides, slumps, Temporary Roads and traveled ways of Specified Roads N/A following closure specified in K-F.3.4#.

Soil on areas to be seeded shall be left in a roughened condition favorable to the retention and germination of the seed. Scarification of traveled ways on Specified Roads listed above shall be to a minimum depth of **10** inches and a maximum depth of **14** inches.

Seed and fertilizer shall be spread evenly at the rate of **24** pounds of seed and N/A pounds of fertilizer per acre. When fertilizer and seed are applied in separate operations, the second operation shall be carried out within 72-hours of the first.

Seeding shall be done during the period **September 15 to March 30** and under the above specified conditions unless otherwise approved.

The kinds and amounts of seed to be sown in terms of pure live seed (PLS) shall be:

<b>SEEDING</b>	
<b>SPECIES OF SEED</b>	<b>PLS POUNDS /ACRE</b>
<i>Elymus elymoides</i> – Bottlebrush Squirreltail, Wapiti	4
<i>Elymus trachycaulus</i> – Slender Wheatgrass, ½ San Luis, ½ First Strike or ½ White River	4
<i>Elymus albicans</i> – Montana Wheatgrass, Boulder County Source Identified Lot #BFI-16-11325797	1.5
<i>Poa secunda</i> – Sandberg Bluegrass, UP Sims Mesa Lot #BFI-16-10188797	0.5
<i>Poa ampla</i> – Big Bluegrass, Sherman	1
<i>Koeleria macrantha</i> – Junegrass, Lot #BFI-17-12157663	.02
<i>Bouteloua gracilis</i> – Blue Grama, Source Identified Fremont County, Western Native Seed Lot #20071	0.5
<i>Pascopyrum smithii</i> – Western Wheatgrass, Arriba	2
<i>Bromus marginatus</i> – Mountain Brome, ½ Bromar, ½ UP Cold Springs	4
<i>Festuca saximontana</i> – Rocky Mountain Fescue	1.5
<i>Pseudoregnaria spicatum</i> – Bluebunch Wheatgrass	3
<i>Muhlenbergia montana</i> – Mountain Muhly	1
ADDITIONAL SEED	
(choose any 3 of the following 6 species in addition to the above seed mix)	
<i>Achillea millefolium</i> – Western Yarrow	0.1
<i>Lupinus argenteus</i> – Mountain/Silvery Lupine	0.5
Aspen Fleabane – UP Dry Fork 8400ft	0.1
Sulphur Buckwheat – UP Burn Canyon 7900ft	0.25
Sidebells Penstemon – Boulder 6000ft	0.1
<i>Thermopsis divaricarpa</i> – Golden Banner	0.5

All seed must be free of all weeds on the state of Colorado A, B, C, and watch lists of noxious weeds. Certification shall be furnished to the COR and Forest Botanist. The Forest Service reserves the right to furnish equivalent seed to the Contractor.

The kinds and amounts of standard commercial fertilizer shall be used with guaranteed analysis of contents clearly marked on containers:

FERTILIZER	
TYPE OF FERTILIZER	POUNDS PER ACRE
N/A	N/A

**K-G.7.2# – TEMPORARY ROAD CONSTRUCTION SLASH DISPOSAL (11/06)**

Slash treatment methods of Temporary Road slash shall be agreed to in writing prior to construction. Temporary Road slash shall be treated in accordance with the following:

- (a) All timber within the road clearing limits which contains a product meeting the minimum piece specifications stated in Division A shall be felled (not pushed over) and bucked in advance of road construction. All timber shall be felled within the clearing limits whenever it is feasible to do so.
- (b) Timber within the clearing limits not meeting minimum piece specifications in Division A and other debris from the clearing and grubbing operations more than 1 inch in diameter and 3 feet in length shall either be:
  - (1) Utilized and removed from Contract Area;
  - (2) Burned within the right-of-way;
  - (3) Removed to designated locations shown on the Contract Area Map for burying or later burning;
  - (4) Buried;
  - (5) Processed through a chipping machine
  - (6) Scattered in such a manner as to avoid concentrations of slash and without damaging other trees or resource values;
  - (7) Windrowed;
  - (8) Decked; or
  - (9) A combination thereof.
- (c) All material to be treated or disposed of shall be bucked into lengths not to exceed 8 feet before being piled or buried.
- (d) If debris is to be burned, burning shall be complete and done at such times and in a manner approved in writing by Forest Service. Residual construction slash from burning shall be buried, scattered, or removed to agreed locations.
- (e) Debris to be buried shall be placed in prepared holes, benches, or trenches at agreed locations, and covered with not less than N/A feet of native soil or rock. Slash and debris may be buried in the roadway providing hauling can be supported, and there is little probability or hazard of slope failure.
- (f) If debris is to be chipped, the chips shall be spread over the ground surface in such a manner that the loose depth does not exceed N/A inches. Chips may be mixed with soil within roadway.
- (g) Slash and debris may be scattered in those situations where the volume of slash or residual slash is relatively light and the adjacent stands of timber are sufficiently open to accommodate the scattering without damage.
- (h) When slash is to be windrowed, the windrow area shall be cleared. Windrows shall be placed parallel to, and along the embankment toe. Windrows shall not be placed against trees.
- (i) If material is decked, logs not meeting Utilization Standards that are N/A inches or more in diameter, shall be bucked into lengths not to exceed N/A feet and piled at agreed locations.

**K-G-8.2.5# – SCALING AS PRESENTED (SALES BY LOAD COUNT) (Option 2) (1/08)**

Unless otherwise agreed to in writing, notwithstanding criteria in G.8.2, volume for all material will be paid for at rates listed in B.2.3—Timber/Product Removal Price Schedule on a predetermined conversion factor of: see “PREDETERMINED CONVERSION FACTOR” table below, CCF per load times the total loads counted.

Unless otherwise agreed to in writing, log trucks are restricted to a maximum gross vehicle weight of 85,000 pounds, as well as State limits for width and height.

<b>PREDETERMINED CONVERSION FACTOR</b>
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PRODUCT	VOLUME PER LOAD (CCF)
<b>CONVERSION FOR STANDARD LOG TRUCK CONFIGURATION</b>	
Sawtimber	9.24
Non-Sawtimber	1.59
TOTAL:	10.83
<b>CONVERSION FOR TRUCK AND PUP CONFIGURATION</b>	
Sawtimber	12.94
Non-Sawtimber	2.22
TOTAL:	15.16

**K-G.8.3# – PRODUCT ACCOUNTABILITY (11/06)**

The following requirements are applicable to Product Removal Permits:

- (a) Forest Service will issue to Contractor or designated representative(s) serially numbered Product Removal Permit books for use only on this contract. Product Removal Permit books, whether used or unused, shall be accountable property of Forest Service and shall be returned to issuing Ranger District in accordance with the instructions contained on the cover of each book. Each Product Removal Permit which is not returned will be considered a lost load and charged for as described in G.8.5 or G.8.5.1, as appropriate.
- (b) Contractor shall require all permits be filled out in ink, and otherwise completed, by an individual named in writing, showing the date loaded, contract brand, contract name, and destination where products will be unloaded. On the Load Permit, the month, day, and time the truck is loaded shall be punched out. Each permit will then be attached to the load in accordance with instructions on the inside cover of the Product Removal Permit book. Products will not be hauled from the Contract Area without the Load Permit attached to the load.
- (c) Before products are hauled, the truck driver must sign the Woods Permit in ink using legal signature.
- (d) Each load will have the last three digits of the load receipt number painted on both ends of three logs with **Orange** paint. All loads that consist of a truck and pup(s) must have the last three digits of the load receipt painted on both ends of three logs on all subunits of the combination.

**K-G.8.5.3 – LOADS ALTERED IN ROUTE (11/06)**

Loads of logs which are altered as a result of compliance with State Department of Transportation weight laws will be considered a non-verified load unless a Forest Service representative can verify the overweight load was totally delivered to the scaling site. If the load is verified by the Forest Service it may be processed through the normal sample selection process.

Unless otherwise agreed to, off-loaded logs will not be stored at the weigh station site. Off-loaded logs will be delivered immediately to the designated scaling site.

Logs will be off-loaded onto an empty truck and will have a log load removal receipt attached before proceeding from the weigh station. If logs are off-loaded onto another load of logs, both loads will be considered non-verified loads.

Since non-verified loads will be larger than the largest load in the sample in any given billing period, Contractor agrees to pay an amount equivalent to and in addition to the amount payable at Current Contract Rates.

Contractor is required to notify the Forest Service before off-loading of logs occurs.

**K-I.6.8# – USE OF TIMBER (Option 1) (9/04)**

- (a) This contract is subject to the Forest Resources Conservation and Shortage Relief Act of 1990, as amended (16 USC 620, *et seq.*).

- (b) Except for N/A determined pursuant to public hearing to be surplus, unprocessed Included Timber shall not be exported from the United States nor used in direct or indirect substitution for unprocessed timber exported from private lands by Contractor or any person as defined in the Act (16 USC 620e).
- (c) Timber in the following form will be considered unprocessed:
  - (1) Trees or portions of trees or other roundwood not processed to standards and specifications suitable for end product use;
  - (2) Lumber, construction timbers, or cants intended for remanufacturing not meeting standards defined in the Act (16 USC 620e); and
  - (3) Aspen or other pulpwood bolts exceeding **100** inches in length.
- (d) Unless otherwise agreed in writing, unprocessed Included Timber shall be delivered to a domestic processing facility and shall not be mixed with logs intended for export.
- (e) Prior to award, during the life of this contract, and for a period of 3-years from Termination Date, Contractor shall furnish to Forest Service, upon request, records showing the volume and geographic origin of unprocessed timber from private lands exported or sold for export by Contractor or affiliates.
- (f) Prior to delivering unprocessed Included Timber to another party, Contractor shall require each buyer, exchange, or recipient to execute an acceptable agreement that will:
  - (1) Identify the Federal origin of the timber;
  - (2) Specify domestic processing for the timber involved;
  - (3) Require the execution of such agreements between the parties to any subsequent transactions involving the timber;
  - (4) Require that all hammer brands and/or yellow paint must remain on logs until they are either legally exported or domestically processed, whichever is applicable; and
  - (5) Otherwise comply with the requirements of the Act (16 USC 620d).
- (g) No later than 10-days following the execution of any such agreement between Contractor and another party, Contractor shall furnish to Forest Service a copy of each such agreement. Contractor shall retain, for 3-years from Termination Date, the records of all sales, exchanges, or dispositions of all Included Timber.
- (h) Upon request, all records dealing with origin and disposition of Included Timber shall be made available to Contracting Officer.
- (i) For breach of this Subsection, Forest Service may terminate this contract and take such other action as may be provided by statute or regulation, including the imposition of penalties. When terminated by Forest Service under this Subsection, Forest Service will not be liable for any Claim submitted by Contractor relating to the termination.