The Beetlejuice Salvage Sale is located within T.27N ,R.16 E. Sections 17,18; T.27 N,R.15 E Sections 3-6,9-13,15;T.28 N,R.15 E Sections 31,32; T.28 N,R.16 E. Sections 29,30;T.28 N, R.14 E Sections 25,36 W.M., Surveyed, Chelan County, WA. The Forest Service will receive sealed bids in public at Wenatchee River RD, 600 Sherbourne, Leavenworth, WA at 10:00 AM local time on 09/13/2013 for an estimated volume of 620 CCF of Douglas-fir and Other Coniferous Species sawtimber, 175 CCF of Ponderosa Pine sawtimber, and 20 CCF of Softwood Other Grn Bio Cv marked or otherwise designated for cutting. In addition, there is within the sale area an unestimated volume of Miscellaneous Grn Bio Cv that the bidder may agree to remove at a fixed rate. The Forest Service reserves the right to reject any and all bids. Interested parties may obtain a prospectus from the office listed below. A prospectus, bid form, and complete information concerning the timber, the conditions of sale, and submission of bids is available to the public from the Wenatchee River Ranger District, 600 Sherbourne, Leavenworth, WA. 98826, or http://fs.usda.gov/resources/okanoganwenatchee/landmanagement/resourcemanagment. The USDA is an equal opportunity provider and employer.

United States Department of Agriculture
Forest Service Okanogan-Wenatchee Wenatchee River Ranger District
600 Sherbourne
Leavenworth, Washington 98826

Reply to: 2430
Date: 09/04/2013

Dear Prospective Bidder:

On 09/13/2013, at 10:00 AM, sealed bids will be opened in the Wenatchee River RD, 600 Sherbourne, Leavenworth, WA for the Beetlejuice Salvage sale. This sale is located in T.27N ,R.16 E. Sections 17,18; T.27 N,R.15 E Sections 3-6,9-13,15;T.28 N,R.15 E Sections 31,32; T.28 N,R.16 E. Sections 29,30;T.28 N, R.14 E Sections 25,36 W.M., Surveyed, Chelan County, WA. Timber sale Contract 2400-3T will be used. The termination date for this sale is 06/30/2014.

The estimated quantities in this contract have been determined prior to felling. The total estimated quantity on this sale is 815 CCF. The Forest Service encourages potential bidders to make their own inspection and estimate prior to bid submission. The Forest Service makes no representation, warranty, or guarantee of the accuracy of the following quantity estimates:

Estimated Quantities and Minimum Acceptable Rates per Unit of Measure

Species	Product	Unit of Measure	Estimated Quantities	Average DBH	Minimum Acceptable Bid Rates	Base Rates	Required Deposits: Slash Disposal	Required Deposits: Road Maintenance
Douglas-fir and Other Coniferous Species	Sawtimber	CCF	620.00	17.90	$18.69	$3.00	$0.00	$2.64
Ponderosa Pine	Sawtimber	CCF	175.00	26.30	$1.00	$1.00	$0.00	$2.64
Softwood Other	Grn Bio Cv	CCF	20.00	N/A	$0.25	$0.25	$0.00	$2.64
	Total	CCF	815.00				$0.00	$2,151.60

The minimum acceptable weighted average bid rate is $14.44 per CCF.

There is a $1,300.00 bid guarantee required on this sale.

If you wish further information on this sale, the prospectus and bid form, please write or call the Wenatchee River Ranger District, 600 Sherbourne, Leavenworth, WA. 98826.

Sincerely,

Susan Rinke Contracting Officer

Enclosure

TIMBER SALE PROSPECTUS

Sale Name :	Beetlejuice Salvage	**Type of Sale :**	Premeasured
National Forest :	Okanogan-Wenatchee	**Ranger District :**	Wenatchee River
Bidding Method :	Sealed Bid	**Bid Guarantee :**	$1,300.00

Location of Bid Opening : Wenatchee River RD, 600 Sherbourne, Leavenworth, WA

Date : 09/13/2013 **Time :** 10:00 AM

1. INTRODUCTION. This prospectus furnishes prospective bidders with information not contained in the published dvertisement and is designed to enable bidders to decide whether or not to further investigate the sale. The prospectus is not a legally inding document, but is offered to provide general information about a sale. The contract does not include descriptions, estimates, and ther data in this prospectus, unless otherwise stated. In the event that the prospectus contains an error or contradicts the sample contract, ne contract governs. Bidders are urged to examine the timber sale and make their own estimates. Timber sale Contract 2400-3T will be sed. Inspect the sale area and the sample contract before submitting a bid. Obtain the appraisal, other information on the timber, and onditions of sale and bidding at Forest Service offices listed above and in the named attached advertisement.

2. BIDDING. This is a Sealed Bid sale. Bidders must submit sealed bids on prepared forms they can obtain from Forest Service offices listed above and in the attached advertisement. The forms include instructions for bidding and submission of the required certifications. A bid guarantee must be included with the bid in the form of cash, a bid bond on form FS-6500-13 (4/82) or later, certification of annual bid bond allocation on form FS-6500-13a (4/82) or later, an irrevocable letter of credit, a certified check, bank draft, cashiers check, official bank check, or bank or postal money order payable to the Forest Service, USDA in the amount specified above and in the bid form. The bid guarantee shall be returned to each bidder whose bid is not accepted.

Weighted Average Stumpage Rate Bidding:

Prospective purchasers must submit bids in terms of the weighted average stumpage rate. The bid form states minimum acceptable rates and estimated quantities of timber together with the minimum acceptable weighted average rate. The advertised minimum acceptable weighted average rate is only for the biddable species, as listed on the bid form in the upper section of block 14. It does not include any non-biddable, fixed rate species listed in the lower section of block 14 titled "Required Removal at Fixed Rate. Only the Fixed Rate Applies." The bidder should enter the offer on the bid form only in terms of weighted average stumpage. The Forest Service shall establish bid rates by species in the contract by multiplying each species' minimum acceptable bid rate by the bid increase percentage. Such rates will be rounded to the nearest cent. The bid increase percentage is the bidder's weighted average bid rate divided by the minimum acceptable weighted average rate. The total amount for stumpage is the volume of each biddable species multiplied by its bid rate, plus the volume of each fixed rate species multiplied by its fixed rate.

3. LOCATION AND DESCRIPTION OF TIMBER. Refer to the sample contract and sale area map attached to the sample contract for legal location of sale area, location of payment units, location of cutting units, the acreage of sale area, and the cutting unit acreage.

THE FOLLOWING GENERAL LOCATION, ROUTES OF ACCESS, ACREAGES, AND OTHER SPECIAL LOCATION DATA DO NOT SUPERSEDE THE SALE AREA MAP OR SAMPLE CONTRACT.

The sale is located on the Wenatchee River Ranger District, northwest of Lake Wenatchee mainly along the Little Wenatchee drainage (Forest Service Road 6500) and in the White River drainage (Forest Service Road 6404). The sale involves the removal of the December 2012 storm damaged trees. This is a premarked sale; blue paint was used to designate trees to be removed. Sale is 100% tractor winch, skidding machine is to remain on the road during the operation and winch logs to roads. Tree species include Douglas-Fir, Ponderosa Pine, Grand Fir, Western Hemlock, Lodgepole Pine and Western Red Cedar. Douglas-Fir comprises 67% of the volume, Ponderosa Pine

22% and Grand-Fir (including the other minor species) 11%.

4. TIMBER QUANTITIES AND RATES. The quality, size, cut per acre, and product suitability of the timber are estimates based on detailed cruise information on file and available for inspection at the Forest Service offices listed above and in the advertisement. VOLUME QUANTITIES LISTED HEREIN ARE MADE AVAILABLE WITH THE UNDERSTANDING THAT VALUES SHOWN ARE FOREST SERVICE ESTIMATES AND ARE NOT GUARANTEED. For these reasons, bidders are urged to examine the timber sale area and make their own estimates.

THE MINIMUM ACCEPTABLE BID RATE IS STATED IN THE ATTACHED BID FORM. THESE RATES ARE EFFECTIVE AT THE TIME OF ADVERTISEMENT.

Estimated Quantities and Minimum Acceptable Rates per Unit of Measure

							Required Deposits	
Species	Product	Unit of Measure	Estimated Quantities	Average DBH	Minimum Acceptable Bid Rates	Base Rates	Slash Disposal	Road Maintenance
Douglas-fir and Other Coniferous Species	Sawtimber	CCF	620.00	17.9	$18.69	$3.00	$0.00	$2.64
Ponderosa Pine	Sawtimber	CCF	175.00	26.3	$1.00	$1.00	$0.00	$2.64
Softwood Other	Grn Bio Cv	CCF	20.00	N/A	$0.25	$.25	$0.00	$2.64
	TOTAL	CCF	815.00				$0.00	$2,151.60

The minimum acceptable weighted average bid rate is $14.44 per CCF for the biddable species. It does not include any non-biddable, fixed rate species listed on the bid form in the lower section of block 14 titled "Required Removal at Fixed Rate. Only the Fixed Rate Applies." The total amount for stumpage is the volume of each biddable species multiplied by its bid rate, plus the volume of each fixed rate species multiplied by its fixed rate.

This rate has been established by appraisal, with a cost allowance for the roads specified by the contract, if any. Required deposits for slash disposal and road maintenance are in addition to the advertised rates for timber.

Timber Subject to Agreement

Species	Product	Unit of Measure	Fixed Rates	Slash Disposal Deposits	Road Maintenance Deposits
Miscellaneous	Grn Bio Cv	CCF	$0.25	$0.00	$2.64

5. PERIOD OF CONTRACT. The normal operating season covers the period between 06/01 and 10/31. Contract termination date is 06/30/2014. Extensions of this contract may be granted only when the purchaser has met specified conditions.

If an appeal or lawsuit is filed challenging the decision to award this contract or upon determination by the Regional Forester that conditions existing on this timber sale are the same as, or nearly the same as, conditions existing on other timber sale(s) in appeal or litigation, Contracting Officer may delay award or reject all bids. If delay in award is for 30 days or more during Normal Operating Season after bid opening, Contracting Officer shall, upon award, adjust the contract term to include additional calendar days in one or more Normal Operating Seasons equal to the time award is delayed during Normal Operating Season.

6. PAYMENT. Payment for timber and any required deposits for slash disposal or road maintenance are required in advance of cutting. Purchaser may provide an acceptable payment guarantee prior to cutting. Payment for required deposits must be a cash payment. The purchaser shall make advance deposits in accordance with Standard Provision 9.

The high bidder whose bid is accepted shall, at the time the contract is signed and returned by the bidder, make a downpayment pursuant to Title 36, Section 223.49, of the Code of Federal Regulations. The Contracting Officer will notify the high bidder of the amount necessary to make this payment. In no case shall the downpayment be less than 10 percent of the total advertised value plus 20 percent of the bid premium. After receipt of the downpayment and a satisfactory performance bond and upon execution of the timber sale contract, the Forest Service will return the bid guarantee. A cash bid guarantee may be applied to the downpayment at the request of the purchaser. The purchaser cannot apply the amount deposited as a downpayment to cover other obligations due on the sale until conditions stated in the contract for release of downpayment have been met. Refer to the sample contract for the specific conditions.

7. PERFORMANCE BOND. A performance bond is required. The penal sum of the bond will be 10 percent of the total bid value of the sale, rounded up to the nearest $100 when the total bid value is $10,000 or less; and rounded up to the nearest $1,000 when the total bid value exceeds $10,000 or $2,000.00 whichever is greater. If an irrevocable letter of credit is used to secure the performance bond, the termination of the letter of credit must be at least 6 months past the contract termination date.

8. SPECIFIED ROADS. Not Applicable.

9. ROAD MAINTENANCE. Purchaser shall perform or pay for road maintenance work, commensurate with purchaser's use, on roads controlled by Forest Service, and used by purchaser in connection with this sale. Road maintenance requirements are based on the predicted haul route. Any change in the purchaser's actual haul route may necessitate a change in the roads to be maintained and/or in the amount of required deposit for road maintenance. Required deposits for road maintenance are listed in Section 4 and in the sample contract. Maintenance specifications are in the sample contract.

10. INAPPLICABLE STANDARD PROVISIONS. See sample contract.

11. SPECIAL PROVISIONS. See sample contract.

12. SET-ASIDE SALES. Not Applicable.

13. LOG EXPORT AND SUBSTITUTION RESTRICTIONS. The contract requires domestic processing of included timber except for species declared to be surplus, and prohibits the use of such included timber in substitution for unprocessed private timber exported. The bidder, by signing the bid for advertised timber, certifies compliance with the applicable prohibitions against export and substitution prescribed in the Forest Resources Conservation and Shortage Relief Act of 1990, as amended (16 U.S.C. 620, et seq.) with each bid.

14. EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE REVIEW. If the total bid value plus required deposits for this contract exceeds $10 million, before award, the Forest Service shall request an equal employment opportunity compliance review of the high bidder to determine compliance with the provisions of Executive Order 11246 of September 24, 1965, as amended by Executive Order 11375 of October 13, 1967 and Executive Order No. 12086 of October 5, 1978.

15. AWARD. The Contracting Officer is required to make a determination of bidder responsibility as stated in Title 36, Section 223.101, of the Code of Federal Regulations.

To determine a purchaser to be responsible, a Contracting Officer must find that:

a. The purchaser has adequate financial resources to perform the contract or the ability to obtain them;

b. The purchaser is able to perform the contract within the contract term taking into consideration all existing contracts and Governmental business commitments;

c. The purchaser has a satisfactory performance record on timber sale contracts. A prospective purchaser that is or recently

has been seriously deficient in contract performance shall be presumed not to be responsible, unless the Contracting Officer determines that the circumstances were beyond the purchaser's control and were not created through improper actions by the purchaser or affiliate, or that the purchaser has taken appropriate corrective action. Past failure to apply sufficient tenacity and perseverance to perform acceptably under a contract is strong evidence that a purchaser is not a responsible contractor. The Contracting Officer shall consider the number of contracts involved and extent of deficiency of each in making this evaluation;

d. The purchaser has a satisfactory record of integrity and business ethics;

e. The purchaser has or is able to obtain equipment and supplies suitable for logging the timber and for meeting the resource protection provisions of the contract;

f. The purchaser is otherwise qualified and eligible to receive an award under applicable laws and regulations.

Bidders, by signing the bid form, certify that, to the best of bidder's knowledge the bidder will meet the requirements in 36 CFR 223.101, determination of purchaser responsibility, and, if awarded this contract, that bidder will complete the timber sale contract and any modifications thereof in accordance with its terms including requirements to purchase, cut, and remove included timber.

16. FALSE STATEMENTS ACT. Bidders, by signing the bid form, certify that they are aware that bidder is subject to the penalties prescribed in 18 U.S.C. 1001, Chapter 47, Fraud and False Statements (P.L. 104-45). The Act states "whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be fined under this title or imprisoned not more than 5 years, or both."

17. DAMAGES. This contract shall be terminated for breach pursuant to paragraph 16, 19, and/or 21 of the bid form and the terms of the sample contract if: 1) bidder fails to execute a timber sale contract, furnish a downpayment, or furnish a satisfactory performance bond within 30 days of the award letter's date; or 2) bidder is found to have violated the False Statements Act in making any statement or certification on the bid form including not meeting purchaser responsibility requirements, and bidder has made a false statement. The bid guarantee shall be retained, in whole or in part, by the Forest Service to satisfy any damages that may be assessed.

18. SUSPENSION AND DEBARMENT CERTIFICATION. Non-procurement debarments and suspensions are governed by the Government-wide common rules (7 CFR 3017).

These rules require each timber sale purchaser, to submit a certification for itself, its principals, and its affiliates when bidding on sales. The bidder must designate its status regarding debarment, suspension, and other matters as specified on the bid form. The bidder, by signing the bid form, certifies this status. An explanation for not submitting a certification may be submitted. The Contracting Officer will determine whether the explanation provides sufficient reason for permitting participation in the bidding. Also, as a timber sale purchaser enters into transactions with subcontractors, these subcontractors must certify their eligibility. The certification titled "Subcontractor Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion" must be provided to subcontractors, but completed certifications are not required to be submitted with bid forms. Purchaser must keep these subcontractor certification forms on file for review by the Forest Service, if requested.

The certification forms and instructions for subcontractor transactions are provided as an addendum to the bid form.

19. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) LOGGING REGULATIONS. Conduct of operations on this timber sale is subject to inspection for compliance with the logging operations regulations at 29 CFR 1910.266 by OSHA. This standard is applicable to the entire logging industry wherever logging operations occur. Information is available to assist purchasers to ensure compliance with the logging operations regulations during conduct of this timber sale from the U.S. Department of Labor, Occupational Safety and Health Administration, OSHA, 505 106th Avenue NE, Suite 302, Bellevue, Washington 98004, (425) 450-5480.

20. GENERAL.

The bid form contains bidder certification requirements which must be met or your bid will be declared non-responsive. Each bidder must enter their Tax Identification Number (or Social Security Number if bidder does not have a Tax ID) on the bid form in the block

provided. All personal information is requested on a voluntary basis. However, if not provided, your bid will not be accepted and the sale will not be awarded to you.

This sale is subject to the Washington State Excise Tax. For information, contact the WA State Dept. of Revenue, Olympia, WA, 800-548-8829.

Included in the timber sale contract are standard provisions BT8.34 and BT8.35 which limit the United States liability in the event of a contract cancellation to protect endangered or sensitive species.

Timber Subject to Agreement: Final utilization specifications for Grn Bio Cv will be determined as part of the agreement to include the removal of this material in the contract.

EQUIPMENT CLEANING: Purchaser is required to clean all off-road equipment to be free of invasive species of concern prior to bringing the equipment onto the sale area. Refer to standard provision BT6.35.

OPERATIONS: Directional felling of trees is required away from streamcourses designated on the Sale Area Map for Streamcourse Protection, away from improvements in campgrounds and to angle toward the direction of the skid. Refer to Special Provision CT6.41#.

YARDING: This sale is 100% tractor winch skidding, skidding machine will be required to stay on the road and pull winch line to trees. Operator will protect asphalt surface on 6500 road during harvest operations. Refer to special provision CT6.42#.

NOTICE: Notice of intent to advertise this sale was made previously by preliminary advertisement.

During Harvest operations the portion of the 6500 above the junction with 6700 will remain open for recreational traffic, Operator will provide flaggers during loading operations when equipment is blocking the road. See Special Provision BT6.33

SLASH: This contract includes Purchaser slash disposal requirements, purchaser will be required to lop and scatter tops and limbs, material that is to large to scatter or is a safety hazard to traffic may need to be hauled to the Super Pit site adjacent to Beaver Valley Highway. See Special Provisin CT6.74 (Option 1).

A Road Deposit of $ 2.64 per ccf will be required for asphalt replacement on 6500 road. CT5.13#

Corporations submitting an offer under this solicitation must include form AD-3030-FS Representations Regarding Felony Conviction and Tax Delinquent Status For Corporate Applicants.

Contract information and bidding documents can be found on the Okanogan Wenatchee National Forest web page:http://www.fs.usda.gov/resources/okawen/landmanagement/resourcemanagement

Individual trees and small clusters of trees have been identified with blue flagging, larger clusters of trees have been flagged and been posted with boundary tags. Clusters are identified with 2 blue flags and 1 orange at the beginning and end of the these concentrated areas. In riparian areas trees marked with blue paint will indicate where cutting is to stop plus an orange X beyond indicating that portion of tree is to remain in riparian area.

USDA - Forest Service

BID FOR ADVERTISED TIMBER
(Reference FSM 2430, FSH 2409.18, Section 57.2)

1. Sale Number: 13708	2. Date and Time of Bid Opening: 09/13/2013 10:00 AM	3. Opened By:	4. In the Presence of:

5. Sale Name: Beetlejuice Salvage

6. National Forest: Okanogan-Wenatchee

7. Ranger District: Wenatchee River

8. Type of Bid:
a. [X] Sealed Bid
b. [ ] Confirmation of Oral Bid

9. To: (Title and address of Sale Officer receiving bids)
Wenatchee River RD
Contracting Officer
600 Sherbourne
Leavenworth, WA 98826

10. Name of Newspaper: Wenatchee World

11. Date Published: 09/04/2013

12. City: Wenatchee

13. State: Washington

INSTRUCTIONS TO SALE OFFICER: Verify that TIM has completed applicable blanks before sending to prospective Bidders. Attach copy of sale advertisement. Entries are required in blocks 1, 2, 5, 6, 7, 8a or b, 9, 10, 11, 12, 13, 14a, b, c, d, e, f, h, i, & j, 15a, 19, and 20 and instruction 13 in all sales. Strike out spaces for entries in one or more columns e, h, or i, if not applicable to the sale.

*************In Response to the Notice of Sale published in the newspaper specified above, and subject to the conditions attached hereto, the following bid is submitted and shall constitute a Firm Offer:************

14. Bid Information:

Species (a)	Product (b)	Unit of Measure (c)	Estimated Quantity (d)	Rates Per Unit of Measure: Base Rate (e)	Minimum Acceptable Bid Rate (f)	Weighted Average Bid (g)	Additional Deposits for Slash Disposal (h)	Base Indices (i)
Douglas-fir and Other Coniferous Species	Sawtimber	CCF	620.00	$3.00	$18.69	*//////////	$0.00	N/A
Ponderosa Pine	Sawtimber	CCF	175.00	$1.00	$1.00	*//////////	$0.00	N/A
Softwood Other	Grn Bio Cv	CCF	20.00	$0.25	$0.25	*//////////	$0.00	N/A

Minimum Acceptable Weighted Average Rate, 14(j) $ 14.44

Bidder's Weighted Average Minimum Bid Rate, 14(g) $

*** Weighted Average Bidding: Forest Service to determine proportionate rates for Species and Products.**

15. BID GUARANTEE:

a. The minimum guarantee which must accompany this bid is $1,300.00.

b. The form of guarantee accompanying this bid is a(n) _____ in the amount of $ _____ (See Instruction 6 for acceptable forms of payment.)

16. BIDDER RESPONSIBILITY CERTIFICATION: Subject to the penalties prescribed in 18 USC 1001, Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete:

a. That the Bidder has not employed or retained any company or person (other than a full-time bona fide employee working solely for the Bidder) to solicit or secure a contract for this timber or forest product.

b. That the Bidder has not paid or agreed to pay any company or person (other than a full-time bona fide employee working solely for the Bidder) any fee, commission, percentage or brokerage fee, contingent upon or resulting from the award of contract for this timber or forest product, and agrees to furnish information relating thereto as requested by the Contracting Officer.

c. That the Bidder meets the requirements in 36 CFR 223.101 regarding determination of purchaser responsibility.

d. That if awarded this contract that Bidder will complete the timber sale contract to its terms and any modifications thereof including requirements to purchase, cut, and remove the included timber or forest product by the termination date.

16a. BIDDER CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS: Subject to the penalties prescribed in 18 USC 1001, Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete.

a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from timber sales (covered transactions) by any Federal department or agency.

b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.

d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

Bidders that cannot certify this block, in whole or in part, shall submit an explanation with their bid (See Instruction 16.).

16b. BIDDER INFORMATION REQUIREMENTS: Subject to the penalties prescribed in 18 USC 1001, Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following information is accurate.

a. That the Bidder [ ] has, [ ] has not participated in a previous contract subject to the provision of section 202 of Executive Order 11246 (Non-discrimination in Employment) of 9/24/65, as amended; and that the Bidder [ ] has, [ ] has not submitted required compliance reports under such previous contracts.

b. That the Bidder together with its affiliates employs the following number of persons and is classified as:
[ ] 1-25 [ ] 26-500 [ ] Over 500 **and** a: [ ] Manufacturer [ ] Nonmanufacturer of sawtimber

17. CERTIFICATE OF INDEPENDENT PRICE DETERMINATION: Subject to the penalties prescribed in 18 USC 1001, Bidder certifies and represents, by signing this bid form, that the following representations are accurate and complete:

a. By submission of this bid each Bidder also certifies, and in the case of a joint bid each party thereto certifies as to its own organization, that in connection with this sale:

(1) The prices in this bid have been arrived at independently, without consultation, communication, or agreement, as to any matter relating to such prices with any other Bidder or with any potential competitor;
(2) The prices which have been quoted in this bid have not been knowingly disclosed by the Bidder and will not knowingly be disclosed by the Bidder prior to opening of bid, directly or indirectly to any other Bidder or to any potential competitor; and
(3) No attempt has been made or will be made by the Bidder to induce any other person or firm to submit or not to submit a bid.

b. Each person signing this bid or proposal certifies that:

(1) The Signer is the person in the Bidder's organization responsible within that organization for the decision as to the prices bid herein and that the Signer has not participated, and will not participate, in any action contrary to a(1) through a(3) above; or
(2) The Signer is not the person in the Bidder's organization responsible within that organization for the decision as to prices bid herein but that the Signer has been authorized in writing to act as agent for the persons responsible for such decision in certifying that such persons have not participated, and will not participate, in any action contrary to a(1) through a(3) above, and as their agent does hereby so certify; and that the Signer has not participated, and will not participate, in any action contrary to a(1) through a(3) above.

c. A bid will not be considered for award where any portion of a or b above has been deleted or modified. Where these provisions have been deleted or modified, the bid will not be considered for award unless Bidder furnishes with the bid a sworn statement which sets forth in detail the circumstances of the disclosure and the Chief, Forest Service, or the Chief's designee, determines that such disclosure was not made for the purpose of restricting competition.

18. ROAD CONSTRUCTION OPTION:
Not applicable.

19. CONTRACT, DOWNPAYMENT, AND BOND: The Bidder whose bid is accepted will, within 30 days of the award letter's date, or any written extension thereof by the Forest Service, execute a timber sale contract which shall be provided by the Forest Service and be based on the sample contract referenced in the prospectus. Simultaneously, Bidder shall submit a downpayment and furnish a satisfactory performance bond, in accordance with the provisions of such timber sale contract, in the penal sum as prescribed in the prospectus for this sale, and otherwise complete the process described on this form and pages attached hereto. The rate of interest for a late downpayment is 3 percent. Bidder agrees that its failure to comply with this paragraph shall result in a termination of this contract for breach under provisions of instruction 9 of the Instructions to Bidders portion of this form.

20. DOWNPAYMENT: Pursuant to 36 CFR 223.49, the Bidder to whom award is made must make a downpayment at the time the contract is signed by the Bidder and returned to the Forest Service in the amount of:

[X] Ten percent of the advertised value, plus 20 percent of the total bid premium.
[ ] ___ percent or the advertised value, plus ___ percent of the total bid premium, based on the Chief's determination that this amount is necessary to deter speculation.

NOTICE: The indicated downpayment amount shall be increased to 20 percent of the total advertised value and 40 percent of the total bid premium if the Contracting Officer determines that the Bidder meets the criteria for additional downpayment established by 36 CFR 223.49.

21. FIRM OFFER: Subject to the penalties prescribed in 18 USC 1001, the Bidder hereby agrees not to withdraw this bid after the bid opening. Signing this bid form binds the Bidder to accept award under the terms of the sample contract and this bid form if its bid is accepted within 90 days after bid opening. The period for acceptance may be extended by written notice from Bidder. If Bidder qualifies as a small business and elects road construction by the Forest Service, then the Bidder agrees that its offer shall remain open through the period stated in the prospectus although that period may exceed 90 days.

22. TERMS OF BIDDER'S OFFER: Bidder certifies and represents that the Bidder has read and understands each and every provision of this bid form (together with any attachments thereto) and the sample sale contract. The Bidder agrees that it assumes the responsibility to clarify any questions before signing this form. The Bidder agrees that the written provisions of this bid form (together with any attachments) and the sample sale contract constitute the entire agreement of the parties until a written contract is executed and neither the bid form (and any attachments) nor the sample contract can be orally modified. The Bidder expressly adopts the terms of this bid form and the sample contract as material parts of the Bidder's offer for the advertised timber or forest product.

23. DISCLAIMER OF ESTIMATES AND BIDDER'S WARRANTY OF INSPECTION: Before submitting this bid, the Bidder is advised and cautioned to inspect the sale area, review the requirements of the sample sale contract, and take other steps as may be reasonably necessary to ascertain the location, estimated volumes, construction estimates, and operating costs of the offered timber or forest product. Failure to do so will not relieve the Bidder from responsibility for completing the contract.

The Bidder warrants that this bid/offer is submitted solely on the basis of its examination and inspection of the quality and quantity of the timber or forest product offered for sale and is based solely on its opinion of the value thereof and its costs of recovery, without any reliance on Forest Service estimates of timber or forest product quality, quantity or costs of recovery. Bidder further acknowledges that the Forest Service: (i) expressly disclaims any warranty of fitness of timber or forest product for any purpose; (ii) offers this timber or forest product as is without any warranty of quality (merchantability) or quantity and (iii) expressly disclaims any warranty as to the quantity or quality of timber or forest product sold except as may be expressly warranted in the sample contract.

The Bidder further holds the Forest Service harmless for any error, mistake, or negligence regarding estimates except as expressly warranted against in the sample contract.

24. CERTIFICATION OF COMPLIANCE WITH EXPORT AND SUBSTITUTION RESTRICTIONS: The Bidder certifies, by signing this bid form, that the Bidder is in compliance with applicable prohibitions against export and substitution prescribed in the Forest Resources Conservation and Shortage Relief Act of 1990, as amended (16 USC 620, *et seq.*). In Alaska, exports of logs, cordwood or primary products derived from included timber may not be transported from Alaska without Regional Forester approval (See instruction 15).

25. SMALL BUSINESS SET-ASIDE SALE:
Not applicable.

26. SPECIAL SALVAGE SALE TIMBER SALE PROGRAM SET-ASIDE SALE:
Not applicable.

27. CERTIFICATION OF NON-AFFILIATION:
Not applicable.

28. CERTIFICATION OF AFFILIATION: The Bidder certifies that a complete listing of Bidder's affiliates who are primarily engaged in the logging of forest products is included with this bid: (Add additional pages if needed; See Instructions 10 and 14):

Full Name of All Partners & Affiliates (Type or Print)	Tax Identification Number
	When requested by Contracting Officer in notice of tentative award, bidder agrees to furnish tax identification number of each partner and affiliate listed herein.

Before signing this bid, review the attached instructions to Bidders and fill in the applicable blanks in boxes 14g, 15b, 16b, 18, and 28.

Name of Bidder: (Type or Print)	By: (Signature in ink)	
Tax Identification No. :	Title: (Type or Print)	Date:

Business Name Address and Phone Number: (Include Zip Code and Area Code) (Type or Print)

Public reporting burden for this collection is estimated to be 34 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Under the Paperwork Reduction Act of 1995, an agency shall not conduct or sponsor, and no persons are required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this collection of information is 0596-0066.

Deposits will be returned to unsuccessful Bidders by certified mail unless deposits are returned personally.

Receipt for Returned Deposits:

Check Number_____ in the amount of $_____ dated _____ was returned to

_____

Signature: _____ Date:_____

INSTRUCTIONS TO BIDDERS

1. BIDDER'S QUALIFICATIONS: Before a bid is considered for award, the Bidder may be required to submit a statement regarding the Bidder's previous experience in performing comparable work, business affiliates and technical organizations, financial resources, intended product processing facilities and its timber exporting history.

2. PREPARATION OF SEALED BIDS: Bids shall be manually signed, bid prices entered in the "Bidder's Weighted Average Bid Rate" column (Box 14g) for all material subject to bidding and all fill-in blanks completed. If erasures or other changes appear on the forms, the person signing the bid must initial each erasure or change.

3. SUBMISSION OF SEALED BIDS: Sealed bids, with the accompanying bid guarantee, must be submitted to the Sale Officer, designated by the advertisement as the receiving officer, at or prior to the time established by the advertisement. Such bids must be enclosed in a sealed envelope addressed to the designated receiving officer. The envelope should show on the outside (a) that it is a "Bid for Timber," and (b) the sale name or number, and the date and time of opening bids as shown by the advertisement. Bids received after the time specified in the sale advertisement are late bids, Forest Service Handbook 2409.18, Chapter 60 will govern acceptance of such bids.

4. PUBLIC OPENING OF SEALED BIDS: Sealed bids will be publicly opened and posted at the time and place set for opening in the advertisement.

5. ORAL AUCTION BIDDING: Not applicable.

6. BID GUARANTEE: A bid guarantee in the form of a bid bond on form FS-6500-13 (4/82 or later version), certification of annual bid bond allocation on form FS-6500-13a (4/82 or later version), an irrevocable letter of credit, the format of which has been pre-approved by the Forest Service Regional Forester, a certified check, official bank check, bank draft, cashier's check, bank or postal money order payable to the Forest Service, USDA, or cash, in an amount no less than that specified in item 15(a), must accompany each sealed bid. Failure to submit an acceptable bid guarantee with the sealed bid will require rejection of the bid as non-responsive unless there is no other acceptable bid, or unless the Forest Service, in its sole discretion, decides to briefly delay a sale advertised for sealed bids followed by oral bids in order to allow any Bidder to cure any deficiency in its bid guarantee prior to oral bidding. Bid bonds must be accompanied by a power of attorney indicating that the person signing the bond for the surety has the power to do so. The Bidder acknowledges that bid guarantee shall be retained, in whole or in part, by the Forest Service to satisfy any damages that may be assessed if the bid is accepted and Bidder subsequently fails to furnish a cash downpayment or return the executed contract and performance bond as required (See instruction 9.); and that the bid guarantee may be retained, in whole or in part, if the bid is accepted and Bidder has failed to abide by the terms of the bid or sample contract violating the False Statements Act including not meeting the requirements in 36 CFR 223.101, determination of purchaser responsibility, and Bidder has made a false statement (block 16). Otherwise, the bid guarantee shall be returned to each Bidder whose bid is not accepted.

7. AWARD OF CONTRACT: Award of the contract will be made to that responsible Bidder whose bid, conforming to the invitation for bids, is most advantageous to the United States on the basis of total value. The Government may, when in its interest, reject any or all bids or waive any informality in bids received. A written award mailed (or otherwise furnished) to the successful Bidder shall be deemed to result in a binding contract without further action by either party. If timber is advertised as set-aside for competitive bidding by small businesses, award will be made to the highest Bidder qualified as a small business and who has not been determined by the SBA to be ineligible for preferential award of set-aside sales. If there are no qualified small business Bidders, Forest Service will advertise this sale without restrictions on bidder size. All small businesses qualified, as a small business by the SBA, shall be required to follow the small business set-aside provisions of the sample contract.

If an appeal or lawsuit is filed challenging the decision to award this contract or upon determination by the Regional Forester that conditions existing on this timber sale are the same as, or nearly the same as, conditions existing on other timber sale(s) in appeal or litigation, Contracting Officer may delay award or reject all bids. If delay in award is for 10 days or more during Normal Operating Season after bid opening, Contracting Officer shall, upon award, adjust the contract term to include additional calendar days in one or more Normal Operating Seasons equal to the actual time lost.

8. DOWN PAYMENT: The Bidder to whom award is made must make a downpayment at the time the

Bidder signs the contract and returns the contract to the Forest Service. The amount of the downpayment will be calculated as shown in block 20 of this bid for advertised timber. Only cash may be used to meet this requirement. Cash deposited must be in the form of bank draft, certified, official bank, or cashier's check, bank or postal money order, or company check. After receipt of downpayment and executed contract with required performance bond, the bid guarantee will be returned to the successful Bidder.

Bidder's failure to make the downpayment in conformance with the terms, conditions, and requirements contained in Contracting Officer's letter of award shall constitute repudiation of bid pursuant to instruction 9. Bidder shall have 3 days from the required date of execution to make the downpayment at the location designated by Forest Service. Bidder shall pay interest on the unpaid downpayment for the period within the 3 days in which the downpayment is late. The rate of interest is stated in block 19 of this bid for advertised timber. In the event Bidder fails to make payment within the 3 days, Bidder's bid guarantee shall be retained by Forest Service and applied toward damages. If the amount of the bid guarantee exceeds the amount of damages, the balance will be refunded to Bidder.

9. DAMAGES: Bidder acknowledges that this contract shall be terminated for breach pursuant to blocks 16, 16a, 16b, 19, 21, 24, 25, 26, 27, and/or 28 of this bid form if: (a) the Bidder fails to execute a timber sale contract, furnish a downpayment within 3 days of the required date of execution, or furnish a satisfactory performance bond, within the number of days listed in block 19, or any written extension thereof by Forest Service; or (b) the Bidder is found to have violated the False Statements Act in making any statement or certification on this bid form, including not meeting purchaser responsibility requirements. The Bidder acknowledges that the Bidder shall not be entitled to cure this breach and that it will pay damages pursuant to the following terms:

Damages due the United States shall be determined in the following manner: (a) The costs, as described in this instruction, incurred by Forest Service in contacting the other qualified bidders regarding accepting the award of the contract at the high Bidder's repudiated rate or (b) If another qualified bidder does not accept award of the contract at the high Bidder's repudiated rate:

(i) If the repudiated contract is reoffered within 6 months of the date of repudiation, damages shall be the difference between the total resale bid value and the total value of Bidder's repudiated bid, plus costs described in this instruction or
(ii) If there are no responsive bids on the reoffered contract, damages shall be the difference between the reoffered appraised value and the total value of Bidder's repudiated bid, plus costs described in this instruction or
(iii) If the repudiated contract will not be reoffered or the reoffer is not made within 6 months of Bidder's repudiation, damages shall be the difference between the appraised value of this contract as of the date of Bidder's repudiation and the total value of Bidder's repudiated bid, plus the costs described in this instruction.

The costs to be included in damages are the costs the Government incurs in making the reoffer, including, but not limited to, salary costs, document preparation and duplication costs, mailing costs, and timber sale advertisement costs.

Damages will also include interest measured by interest at the Current Value of Funds Rate established by the Secretary of the Treasury, on the difference between Bidder's retained bid guarantee and the downpayment amount and other deposits required at award. Interest will be calculated from the date of Bidder's repudiation to the date of award of the reoffered contract or to the date a determination is made not to reoffer the repudiated contract or for 6 months, whichever comes first.

Bidder and Forest Service agree that Bidder's bid guarantee shall be retained by Forest Service and applied toward damages due the United States for Bidder's failure to execute this contract.

10. PRIVACY ACT: All personal information is requested on a voluntary basis; however, if you do not provide this personal information, your bid will not be accepted and the contract will not be awarded to you. Solicitation of this information is necessary for the government to conduct its sale program and thus is authorized under the National Forest Management Act of 1976, (16 USC 472a). The principal purpose for collecting this information is to allow for proper award of a timber sale contract and to provide for administration of that contract after award. Other routine uses of this data include: (1) compilation of Small Business data to determine needs for set-aside sales, (2) determination of volume purchased in any specific time period by a single purchaser, and (3) determination of volume under contract by a purchaser.

11. ROAD COMPLETION DATE: Not applicable.

12. ELECTION OF ROAD OPTION AND CERTIFICATE OF SMALL BUSINESS STATUS: Not applicable.

13. ELECTION OF ROAD OPTION: Not applicable.

14. DEFINITIONS:
Affiliates: Business concerns or individuals are affiliates of each other if, directly or indirectly, (a) either one controls or has the power to control the other; or (b) a third party controls or has the power to control both.
Bidder: A Bidder is any individual, organization, or other legal entity that submits a bid for, or may be expected to submit a bid for, a National Forest timber sale.
Covered Transactions: A primary or lower tier covered transaction. A primary covered transaction is any nonprocurement transaction between an agency and a person. A lower tier covered transaction is any transaction between a participant and a person other than a procurement contract unless the procurement contract is greater than $25,000.
Participant: Any person who submits a proposal for, enters into, or reasonably may be expected to enter into a covered transaction. This term also indicates any person who acts on behalf of or is authorized to commit a participant in a covered transaction as an agent or representative of another participant.
Sale Officer: An individual delegated responsibility for any specific aspect or task in the bidding or awarding process for timber sales..
Small Business: In sales of National Forest timber a Small Business is a concern that: (1) is primarily engaged in the logging and forest products industry; (2) is independently owned and operated; (3) is not dominant in its field of operation; and (4) together with its affiliates does not employ more than 500 persons.

15. CERTIFICATION OF COMPLIANCE WITH EXPORT RESTRICTIONS: Certain restrictions on the purchase and export of unprocessed logs cut from National Forest timber apply in various parts of the country. Pursuant to the Forest Resources Conservation and Shortage Relief Act of 1990, as amended (16 USC 620, *et seq.*), the Bidder acknowledges that the Bidder is aware of the applicable export restrictions. The Bidder is aware that these restrictions affect the disposition of the included timber and is aware that the restrictions may reduce the potential value of the timber.

16. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, AND OTHER RESPONSIBILITY MATTERS-TIMBER SALE TRANSACTIONS: The inability of a person to provide the certifications in block 16 will not necessarily result in denial of participation in this timber sale (covered transaction). The Bidder shall submit an explanation of why it cannot provide the certification. The certification or explanation will be considered in connection with the Forest Service's determination whether to enter into this timber sale. However, failure of the Bidder to furnish a certification or an explanation shall disqualify such person from participation in this timber sale.

The certification is a material representation of fact upon which reliance was placed when the Forest Service determined to enter into this timber sale. If it is later determined that the Bidder knowingly rendered an erroneous certification, in addition to other reme-dies available to the Federal Government, the Forest Service may terminate this timber sale for cause or default.

The Bidder shall provide immediate written notice to the Forest Service officer, to whom this bid is submitted, if at any time the Bid-der learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

The terms 'covered transaction,' 'debarred,' 'suspended,' 'ineligible,' 'lower tier covered transaction,' 'participant,' 'person,' 'primary covered transaction,' 'principal,' 'proposal,' and 'voluntarily excluded,' as used in this clause, have the meanings set out in the Defini-tions and Coverage sections of the rules implementing Executive Order 12549. You may contact the Forest Service for assistance in obtaining a copy of those regulations.

The Bidder agrees by submitting this bid that, should the proposed timber sale transaction be entered into, it shall not knowingly en-ter into any subcontractor transaction (lower tier covered transaction) with a person who is proposed for debarment under 48 CFR 9.4, debarred, suspended, declared ineligible, or voluntarily excluded from participation in this timber sale, unless authorized by the Forest Service's non-procurement Debarring and Suspending Official.

The Bidder further agrees by submitting this bid that it will provide the addendum titled 'Subcontractor Certification

Regarding De-barment, Suspension, Ineligibility, and Voluntary Exclusion,' without modification, to all subcontractors and in all solicitations for sub-contractors.

17. SUBCONTRACTOR CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY, AND VOLUNTARY EXCLUSION: Pursuant to 7 CFR 3017.510 each timber sale purchaser shall require subcontractors to include a certification for it and its principals in any proposal submitted in connection with this timber sale. Purchasers shall keep the certifications on file until the termination date of the contract.

A participant in a timber sale 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 the timber sale, unless it knows that the certification is erroneous. A timber sale purchaser may decide the method and frequency by which it determines the eligibility of its principals. Each timber sale purchaser may, but is not required to, check the List of Parties Excluded from Federal Procurement and Nonprocurement Programs.

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 provision. The knowledge and information of a timber sale purchaser is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

Except for transactions authorized under paragraph 5 of these instructions, if a timber sale purchaser knowingly enters into a subcontractor transaction with a person who is proposed for debarment under 48 CFR 9.4, suspended, debarred, ineligible, or voluntarily excluded from participation in this timber sale, in addition to other remedies available to the Federal Government, the Forest Service may terminate this timber sale for cause or default and/or pursue suspension and/or debarment. The instructions and certification follow:

INSTRUCTIONS FOR:
Subcontractor Certification
Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion

1. By signing and submitting this proposal, the prospective subcontractor (lower tier participant) is providing the certification set out below:

2. The certification is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective subcontractor knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the Forest Service, with which this transaction originated, may pursue available remedies, including suspension and/or debarment.

3. The prospective subcontractor shall provide immediate written notice to the person to whom this proposal is submitted if at any time the prospective subcontractor learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

4. The terms 'covered transaction,' 'debarred,' 'suspended,' 'ineligible,' 'lower tier covered transaction,' 'participant,' 'person,' 'primary covered transaction,' 'principal,' 'proposal,' and 'voluntarily excluded,' as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the Forest Service for assistance in obtaining a copy of those regulations.

5. The subcontractor agrees by submitting this certification that, should the proposed subcontract be entered into, it shall not knowingly enter into any other subcontract with a person who is proposed for debarment under 48 CFR 9.4, debarred, suspended, declared ineligible, or voluntarily excluded from participation in this timber sale, unless authorized by the Forest Service.

6. The subcontractor further agrees by submitting this certification that it will include this certification titled "Subcontractor Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion," without modification, and instructions in all subcontracts and in all solicitations for its subcontracts.

Subcontractor Certification
Regarding Debarment, Suspension, Ineligiblity, and Voluntary Exclusion

Sale Name: Beetlejuice Salvage

National Forest: Okanogan-Wenatchee

The prospective subcontractor (participants in lower tier covered transactions) certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this timber sale by any Federal department or agency.

Where the prospective subcontractor is unable to certify to any of the statements in this certification, such prospective subcontractor shall attach an explanation to this proposal.

Name of Subcontractor: _____

Business Address: _____
_____
_____

_____ _____
Date Signature

Region: Pacific N-West
National Forest: Okanogan-Wenatchee
Ranger District: Wenatchee River

U.S. DEPARTMENT OF AGRICULTURE - FOREST SERVICE
TIMBER SALE CONTRACT
(Ref. FSM 2430, FSH 2409.18)

FS-2400-3T (6/06)

Sale Name: *Beetlejuice Salvage*	Contract Number	Award Date	Termination Date (BT8.2)
Purchaser's Name and Complete Address:			*06/30/2014*
	Total Sale Acres	Acres to be Cut	Type of Sale
	73	*73*	**Premeasured**
	Legal Description of Sale Area (BT1.1): T.27N ,R.16 E. Sections 17,18; T.27 N,R.15 E Sections 3-6,9-13,15;T.28 N,R.15 E Sections 31,32; T.28 N,R.16 E. Sections 29,30;T.28 N, R.14 E Sections 25,36 W.M., Surveyed, Chelan County, WA		

The parties to this contract are the United States of America, acting through the Forest Service, United States Department of Agriculture, hereinafter called Forest Service, and _____, hereinafter called Purchaser. Standard Provisions of this contract begin on page 2. Specific Conditions are given below. Numbers in parentheses refer to Standard and Special Provisions. Forest Service address to receive payments (BT4.0): USDA Forest Service, (at address on Bill For Collection). Measurement will be done before felling (BT6.8).

Included Timber (BT2.1, BT2.2, BT2.4, BT3.1, BT4.0, and BT6.4)

				Minimum Specifications					Payment Rates per Unit of Measure		
				Merchantable Tree		Piece Required to be Removed					
Species	**Product**	**Estimated Quantity**	**Unit of Measure**	**DBH (Inches)**	**No. of Minimum Pieces per Tree**	**Length (Feet)**	**D.I.B. at Small End (Inches)**	**Net Measure in % of Gross Measure**	**Base Rates $**	**Bid Rates $**	**Required Slash Disposal $**
Douglas-fir and Other Coniferous Species	Sawtimber	620.00	CCF	7.0	1	8	5.0	40	3.00		.00
Ponderosa Pine	Sawtimber	175.00	CCF	8.0	1	16	5.0	40	1.00		.00
Softwood Other	Grn Bio Cv	20.00	CCF	7.0	1	16	5.0	N/A	.25		.00
Timber Subject to Agreement Under Special Provision CT2.11#											
Miscellaneous	Grn Bio Cv	unestimatec	CCF	N/A	1	N/A	N/A	40	.25		.00
Total Quantity		815.00	CCF	**Total Sale Value $**							$ .00

Schedule of Payment Units

Payment Unit Number	Approximate Acres	Species	Product	Quantity	Unit of Measure	Total Payment $ 1/	Total Associated Charges $ 2/
01	70	Douglas-fir and Other Coniferous Species	Sawtimber	530.00	CCF		1,900.80
		Ponderosa Pine	Sawtimber	173.00	CCF		
		Softwood Other	Grn Bio Cv	17.00	CCF		
		Total PU Quantity And Value		720.00	CCF		
02	3	Douglas-fir and Other Coniferous Species	Sawtimber	90.00	CCF		250.80
		Ponderosa Pine	Sawtimber	2.00	CCF		
		Softwood Other	Grn Bio Cv	3.00	CCF		
		Total PU Quantity And Value		95.00	CCF		

Inapplicable Standard Provisions:	List of Special Provisions:
BT4.211 BT4.4	CT2.11#, CT2.3#, CT2.35# (OPTION 1), CT4.211, CT4.212, CT4.4, CT5.31#, CT5.32#, CT6.315#, CT6.32#, CT6.405, CT6.41#, CT6.42#, CT6.7, CT6.74#, CT6.8, CT6.81, CT6.84 (OPTION 1), CT7.1, CT7.2, CT7.201, CT7.22, CT8.13, CT8.65# (Option 1)

Maximum Stump Height (BT6.412): *All Species 12 inches*	**UNITED STATES OF AMERICA**
Purchaser's Operations Fire Suppression Liability (BT7.41) is: *$300,000.00* per Fire.	*By (Signature)*
Fire Precautionary Period (BT7.2): From: *April 01* To: *October 31*	Contracting Officer
Responsibility to Furnish Crews & Equipment (BT7.3): Initial Suppression: *5* road miles	*(Title)*
Fire Suppression Reinforcement: *100* road miles	**PURCHASER**
Normal Operating Season (BT6.31): First Period: From: *June 01* To: *October 31* Second Period: From: To:	
Performance Bond Amount (BT9.1):	*By (Signature)*
Downpayment Amount (BT4.211):	
Periodic Payment Amount (BT4.213): Date:	
WITNESSES	
In witness hereof, the parties hereto have executed this contract as of the award date.	*(Title)*
(Witness Signature)	
(Witness Signature)	

CERTIFICATION

I, _____, certify that I am the _____ Secretary of the corporation named as Purchaser herein; that _____ who signed this contract on behalf of the Purchaser, was then _____ of said corporation; that said contract was duly signed for and on behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

_____ CORPORATE SEAL

TIMBER SALE CONTRACT

BT1.0-SALE AREA

BT1.1 Sale Area Map. The boundaries of "Sale Area" and any Payment Unit thereof, are as shown on the attached "Sale Area Map" that is made a part hereof, and were, before timber sale advertisement, designated on the ground by Forest Service to meet the anticipated needs of the parties. The location of Sale Area and its approximate acreage are stated on Page 1. Payment Units may be revised and additional ones may be established only by written agreement. Upon Purchaser's request, Forest Service shall subdivide Payment Units to reduce them to a size that can be logged within 60 days at Purchaser's normal rate of logging. However, the rate of logging used in such adjustment of Payment Unit size shall not be less than a rate necessary for removal of all Included Timber during Normal Operating Seasons prior to Termination Date. Payment Units may be eliminated from Sale Area under conditions described in BT6.36.

Where applicable, the following are also identified on Sale Area Map:

(a) Identified claims limiting Purchaser's rights under BT1.2;
(b) Boundaries of Clearcutting Units, Overstory Removal Units, and Understory Removal Units under BT2.3;
(c) Diameter limits for Overstory Removal Units and Understory Removal Units under BT2.33 and BT2.34;
(d) Areas where leave trees are Marked to be left uncut under BT2.35;
(e) Roads where log hauling or use is prohibited or restricted under BT5.12;
(f) Roads and trails to be kept open under BT6.22;
(g) Improvements to be protected under BT6.22;
(h) Locations of known wildlife, plant habitat, and cave resources to be protected under BT6.24;
(i) Locations of areas known to be infested with specific invasive species of concern under BT6.35;
(j) Maximum stump heights when lower stump heights are required for special areas under BT6.412;
(k) Skidding or yarding methods specified under BT6.42;
(l) Streamcourses to be protected under BT6.5;
(m) Locations of meadows requiring protection under BT6.61;
(n) Locations of wetlands requiring protection under BT6.62;
(o) Locations of temporary roads to be kept open under BT6.631; and
(p) Other features required by standard or special provisions.

BT1.2 Claims. Valid claims are excluded from Sale 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 Purchaser's rights to operate under this contract and that Forest Service has been able to identify are shown on Sale Area Map. Purchaser 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.

BT2.0-TIMBER SPECIFICATIONS

BT2.1 Included Timber. "Included Timber" consists of:

BT2.11 Standard Timber. Live and dead trees and portions thereof that meet Utilization Standards under BT2.2 and are designated for cutting under BT2.3.

BT2.12 Substandard Timber. Live and dead trees that:

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

BT2.13 Damaged Timber.

BT2.131 Damaged by Purchaser. Undesignated live trees meeting Utilization Standards that are damaged by Purchaser in logging and are subsequently Marked before Purchaser 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.

BT2.132 Negligent or Willful Damage. Undesignated timber meeting Utilization Standards and unnecessarily damaged or negligently or willfully cut by Purchaser, if included by Contracting Officer.

BT2.134 Minor Damage by Natural Causes. Undesignated trees within Sale Area and meeting Utilization Standards, in amounts less than specified in BT8.22, that become insect infested, windthrown, suffer serious damage, or die, as designated by agreement.

BT2.14 Unintentionally Cut Timber. Trees, within or immediately adjacent to Sale Area, not designated for cutting under BT2.3 but that are cut through mistake by Purchaser, when included by Contracting Officer.

BT2.16 Other Material. Species or products not listed on Page 1, upon written approval of Contracting Officer under

BT3.41.

BT2.2 Utilization and Removal of Included Timber. "Utilization Standards" for trees and minimum pieces are stated on Page 1. To meet minimum tree specifications, trees must equal or exceed tree diameters listed on Page 1 and contain at least one minimum piece. Except for timber required or authorized to be left, Purchaser shall fell and buck such trees and shall remove from Sale Area all pieces that:

(a) Meet minimum piece standards on Page 1 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.

BT2.3 Timber Designations. Timber designated for cutting shall be confined to Sale Area, except as provided in BT2.131, BT2.14, BT2.32, and BT5.1.

The boundaries of Clearcutting Units, Overstory Removal Units, and Understory Removal Units were plainly Marked on ground before timber sale advertisement and are shown on Sale Area Map. Boundary trees shall not be cut. The approximate acreage of timber designations is stated on Page 1.

BT2.31 Clearcutting Units. All trees that meet Utilization Standards within "Clearcutting Units" are designated for cutting.

BT2.32 Clearing. All timber is designated for cutting that is within the clearing limits of authorized clearings. All dead or unstable live trees are designated for cutting that are sufficiently tall to reach Purchaser's landings or the roadbed of roads when Marked in advance of felling of timber in the immediate vicinity. 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.

BT2.322 Authorized Clearings. Timber within authorized clearings for roads, landings, or other clearings is designated for cutting.

BT2.33 Overstory Removal Units. All trees within "Overstory Removal Units" are designated for cutting when they meet Utilization Standards and equal or exceed the diameter limits shown on Sale Area Map.

BT2.34 Understory Removal Units. All trees within "Understory Removal Units" are designated for cutting when they meet Utilization Standards and are smaller than the diameter limits shown on Sale Area Map.

BT2.35 Individual Trees. All trees to be cut, other than in the units described in BT2.31, BT2.32, BT2.33, and BT2.34, are Marked or designated by description. Trees are "Marked" when individually designated by Forest Service with paint marks above and below stump height.

Sale Area Map indicates areas plainly identified on the ground where leave trees are Marked to be left uncut.

BT2.37 Designation Changes. Within Sale Area, minor adjustments may be made in boundaries of cutting units or in the timber individually Marked for cutting when acceptable to Purchaser and Forest Service.

BT2.4 Quantity Estimate. The estimated quantities of timber by species designated for cutting under BT2.3 and expected to be cut under Utilization Standards are listed on Page 1. Estimated quantity on Page 1 does not include the following:

(a) Damaged timber under BT2.13;

(b) Unintentionally cut timber under BT2.14;

(c) Timber within clearing limits of roads or other authorized clearings and that is not designated under BT2.31, BT2.33, BT2.34, or BT2.35; or

(d) Dead or unstable live trees that are sufficiently tall to reach Purchaser's landings or roads under BT2.32.

Estimated quantities for such timber not included on Page 1 shall be determined as stated in CT6.8.

BT2.43 Adjustment for Quantity Errors. An estimated quantity shown on Page 1 shall be revised by correcting identified errors made in determining estimated quantity that result in a change in total timber sale quantity of at least 10 percent or $1,000 in value, whichever is less, when an incorrect estimated quantity is caused by computer malfunction or an error in calculations, area determination, or computer input.

No adjustments in quantity shall be made for variations in accuracy resulting from planned sampling and Measuring methods or judgments of timber quality or defect.

For payment purposes, corresponding revisions in quantity and total payment shall be shown on Page 1 for each Payment Unit involved. Adjustment in rates will not be made. Adjustment in quantities shall not obligate Forest Service to designate additional quantities when the original quantity estimate is overstated.

BT3.0-RATES OF PAYMENT

BT3.1 Current Contract Rates. Included Timber that is Released for Cutting shall be paid for at Current Contract Rates determined under this Section. "Current Contract Rates" are listed on Page 1, unless superseded by rates redetermined under BT3.3. In addition, "Required Deposits" shall be made as listed on Page 1 and CT5.32, or established under BT3.3.

In the event Termination Date is adjusted under BT8.21, Current Contract Rates shall be continued in the same manner as immediately prior to the adjustment period.

Current Contract Rates, based on rates redetermined under BT3.3, shall apply to all Payment Units from which removal of timber from Sale Area has not been completed on the effective date of the revised rates, except Current Contract Rates in effect at the time of Release for Cutting shall be applicable for not more than two other Payment Units from which removal from Sale Area has begun.

Notwithstanding the exceptions provided in this Section, rates redetermined under BT3.31 and BT3.33 shall apply to all Included Timber removed subsequent to the rate redetermination.

In event there are more than two Payment Units from which timber removal has not been completed on the effective date, the rates in effect at the time of Release for Cutting shall apply to the two units from which the greatest estimated proportions of Payment Unit quantities have been removed. Otherwise, in released Payment Units, redetermined rates shall apply to the entire quantity shown on Page 1 for those units. In addition, Required Deposits shall be made as listed on Page 1 and CT5.32, or established under BT3.3.

"Current Contract Value" is the sum of the products of Current Contract Rates and estimated remaining quantities by species of Included Timber meeting Utilization Standards. "Bid Premium Rates" are the amounts by which Purchaser's bid is in excess of Advertised Rates. "Advertised Rates" are the minimum acceptable Bid Rates for timber. "Bid Rates" are the rates bid by Purchaser. "Base Rates" are the lowest rates of payment for timber that are authorized by this contract.

BT3.3 Rate Redetermination. Rates may be redetermined as set forth in this Section. Bid Premium Rates shall be added to all redetermined rates, except as provided in BT3.31 and BT3.33.

Rate redeterminations shall be made in accordance with the standard Forest Service methods in effect 45 days prior to rate redetermination. Such methods shall take into consideration factors that may affect timber value at said rate redetermination date.

Redetermined rates shall not be less than Base Rates listed on Page 1, except for reduction under BT3.31 or BT3.33. Required Deposits shall be redetermined.

BT3.31 Rate Redetermination for Environmental Modification. In the event of a contract modification under BT8.33 or partial termination under BT8.34, Contracting Officer shall make an appraisal to determine for each species the difference between the appraised unit value of Included Timber remaining immediately prior to the revision and the appraised unit value of Included Timber to be cut under the modification.

Current Contract Rates in effect at the time of the revision will be adjusted by said differences to become the redetermined rates. Accordingly, Base Rates shall be adjusted to correspond to the redetermined rates if redetermined rates are less than the original Base Rates, subject to a new Base Rate limitation of the cost of essential reforestation or 25 cents per hundred cubic feet or equivalent, whichever is larger.

Redetermined rates and Required Deposits shall be considered established under BT3.1 for timber removed subsequent to the contract revision.

BT3.33 Rate Redetermination for Market Change. In the event of delay or interruption, exceeding 90 days, under BT8.33, 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 delay or interruption and the appraised unit value of Included Timber immediately after the delay or interruption. The appraisal shall be done after any rate redetermination done pursuant to BT3.31, using remaining volumes.

Current Contract Rates in effect at the time of delay or interruption or established pursuant to BT3.31 will be reduced, if appraised rates declined during the delay or interruption. Increases in rates will not be considered. Accordingly, Base Rates shall be adjusted to correspond to the redetermined rates if redetermined rates are less than the original Base Rates, subject to a new Base Rate limitation of the cost of essential reforestation or 25 cents per hundred cubic feet or equivalent, whichever is larger.

Redetermined rates shall be considered established under BT3.1 for timber removed subsequent to the delay or interruption.

BT3.4 Other Payment Rates.

BT3.41 Material and Quantities Not on Page 1. Incidental amounts of products or portions of trees of species listed on Page 1 that do not meet Utilization Standards may be removed without charge. Such material 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 on Page 1 may be cut and removed upon written approval of Contracting Officer and subject to agreement on rates of payment and deposits if needed for road maintenance and use. When any material suitable for use in a product form included on Page 1 is removed in another product form, the rates of payment shall be not

less than but approximately equivalent to Current Contract Rates and Required Deposits.

BT3.42 Timber Cut Through Mistake. Undesignated timber meeting Utilization Standards, cut by Purchaser through mistake and included by Contracting Officer under BT2.14, shall be removed and paid for at Current Contract Rates and Required Deposits, unless such material is not listed on Page 1. In such event, Contracting Officer, in accord with standard Forest Service methods, shall establish rates to be paid.

BT3.43 Undesignated Timber Damaged Without Negligence. Undesignated timber meeting Utilization Standards, damaged without negligence by Purchaser and designated by Forest Service under BT2.131, shall be cut, removed, and paid for at Current Contract Rates and Required Deposits.

BT3.44 Undesignated Timber Unnecessarily Damaged or Negligently or Willfully Cut. Undesignated timber meeting Utilization Standards and unnecessarily damaged or negligently or willfully cut by Purchaser, if included by Contracting Officer under BT2.132, shall be cut, removed, and paid for at Current Contract Rates and Required Deposits that are in addition to liquidated damages under BT3.45.

If such timber is of a species or size not listed on Page 1 or is of a quality different from designated timber, Contracting Officer shall establish payment rates in accord with standard Forest Service methods.

BT3.45 Liquidated Damages. Unnecessary damage to or negligent or willful cutting of undesignated timber, as described in BT3.44, on portions of Sale 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, Purchaser shall pay as fixed, agreed, and liquidated damages an amount equivalent to the amount payable at Current Contract Rates. If designated by Contracting Officer, Purchaser shall remove such damaged or cut timber and pay for it at Current Contract Rates.

BT4.0-PAYMENTS

BT4.1 Amount Payable for Timber. Except as provided in BT3.1, Current Contract Rates and Required Deposits in effect when a Payment Unit is Released for Cutting shall be applied to the timber quantities to determine the amount Purchaser shall pay. A "Payment Unit" is a portion of Sale Area established for payment purposes.

BT4.2 Timber Sale Account. The "Timber Sale Account" is an account maintained by Forest Service of all Purchaser's deposits, credits, payment guarantees, and the charges for:

(a) Timber at Current Contract Rates,
(b) Slash disposal and road maintenance at Required Deposit rates,
(c) Cooperative work at rates established by specific agreement under BT4.218, and
(d) Other charges provided in this contract.

Cash deposits shall be recorded currently in such account.

Charges for Payment Units Released for Cutting shall be made when Forest Service prepares and furnishes to Purchaser periodic statements of quantity and value of such timber.

Charges shall be made according to BT3.4 when trees are subsequently Marked or designated for cutting.

BT4.21 Cash Deposits. Within the limitations of this Subsection, Purchaser shall make cash deposits to meet Purchaser's obligations within 15 days of billing by Forest Service. Deposits shall be made to the address on Page 1. Forest Service shall explain the bill at the time it requests each deposit.

BT4.211 Downpayment. The downpayment amount shown on Page 1 may not be applied toward any other payment required under the provisions of this contract, except damages determined pursuant to BT9.4, transferred to other timber sales, or refunded until stumpage value representing 25 percent of the total bid value of the timber sale is shown on the Timber Sale Account to have been cut, removed, and paid for, or if 36 CFR 223.49(e) is applicable, the estimated value remaining to be cut and removed, as shown on the Timber Sale Account, is equal to or less than the amount of the downpayment. For lump sum timber sales, the downpayment may be applied to payment for release of the single payment unit.

If Forest Service makes a determination that this contract should not have been included under increased downpayment requirements (36 CFR 223.49(e)), the downpayment shall be revised and applied in accordance with 36 CFR 223.49(f).

BT4.212 Advance Deposits. Purchaser agrees to make cash deposits in advance of cutting to meet charges under BT4.2.

Forest Service billings for advance cash deposits shall be in such amounts that the Timber Sale Account will maintain an unobligated balance that covers the applicable charges for Payment Units Released for Cutting and designated material not included on Page 1 expected to be cut within the next 60 days. This advance cash deposit may be reduced to a smaller amount by the terms of BT4.211, BT4.213, and/or BT4.215. Except for amounts required pursuant to BT4.211, and BT4.213, Purchaser shall not be required to make advance deposits above those required under this Item.

When the credit balance in the Timber Sale Account is exceeded by the charges for timber within Payment Units Released for Cutting and for the estimated quantity to be cut in 10 days of cutting designated material not included on Page 1, Contracting Officer will suspend all or any part of Purchaser's Operations until payment or acceptable payment guarantee is received.

BT4.213 Periodic Payment Schedule. Purchaser shall make periodic payment for stumpage value, as shown on Page 1.

In the event Purchaser has not paid the amount stated on Page 1 as stumpage for volume removed by the periodic payment determination date, Forest Service shall issue a bill for collection for the difference between the required amount and payments made by Purchaser. If payment falls due on a date other than a normal billing date, the payment date shall be extended to coincide with the next Timber Sale Account billing date.

The amount of the periodic payment will be reduced if the payment would result in Purchaser's credit balance for timber charges exceeding the Current Contract Value.

Only cash may be used for this purpose. No other form of payment is acceptable. Forest Service will apply the payment to subsequent charges on this contract under the terms of BT4.212.

A periodic payment determination date that has not been reached shall be adjusted one day for each additional day of time granted.

BT4.215 Deposits When Payment Guaranteed. To the extent payment guarantee is provided under BT4.3, requirements for advance cash deposits under BT4.212 shall be waived for the value of timber on Sale Area that has been Released for Cutting, but not removed, and for the estimated value of products removed from Sale Area for not more than a monthly billing period, subject to the provisions of BT4.4.

BT4.216 Blanket Cash Deposits. Purchaser may make cash deposits under a written agreement to cover charges made under this and other timber sale contracts within the same National Forest. Forest Service shall allocate such deposits to such timber sales. When there is to be no timber cutting hereunder for 30 days or more and payment of current charges has been made, the allocation to this timber sale shall be reallocated to other timber sales within the same National Forest at Purchaser's request. Purchaser shall not start cutting until allocation has again been made to this timber sale.

BT4.218 Cooperative Deposits. On a basis of cooperation or assistance (16 USC 572) and by a written agreement, Forest Service shall perform all or portions of the work that Purchaser is obligated to perform under this contract, as well as furnish other services in connection with activities under this contract. When Forest Service is to perform such work, Purchaser shall make one or more deposits to cover the estimated cost of said work. On request of Purchaser, Forest Service shall render monthly accounts, as may be specified in such agreement.

BT4.22 Temporary Reduction of Downpayment. When, under BT8.33, Contracting Officer orders a delay or interruption of Purchaser's Operations for more than 30 days when scheduled operations would be occurring but for the order, the downpayment amount required shall be temporarily reduced upon the written request of Purchaser or at the discretion of the Contracting Officer. For the period of the delay or interruption, the downpayment on deposit may be reduced to $1,000 or two (2) percent of the downpayment amount listed on Page 1, whichever is larger.

Any downpayment amount temporarily reduced pursuant to this Subsection may be refunded or transferred at the request of Purchaser. However, if Purchaser has outstanding debt owed to the United States, Contracting Officer must apply the amount of downpayment that could be refunded to the debt owed in accordance with the Debt Collection Improvement Act, as amended (31 USC 3701, et seq.).

Upon Purchaser's receipt of bill for collection and written notice from Contracting Officer that the basis for the delay or interruption no longer exists, Purchaser shall restore the downpayment to the full amount shown on Page 1 within 15 days after the date the bill for collection is issued, subject to the provisions of BT4.4. Purchaser shall not resume contract operations until the downpayment amount is fully restored.

BT4.23 Refund of Excess Cash. If at any time the credit balance of the Timber Sale Account exceeds the charges for timber within Payment Units Released for Cutting and for designated material not included on Page 1 that Forest Service estimates will be cut within the next 60 days, any portion of such excess that is due to cash in the account shall be refunded, if requested by Purchaser, unless deposited under BT4.211 or BT4.213. If Purchaser plans no cutting within the next 60 days, Forest Service may refund the entire unencumbered cash balance, except as provided in this Subsection. However, Forest Service shall not reduce the credit balance below the total value of partially cut Payment Units and designated material not included on Page 1 that is cut before operations cease. After a refund for a shutdown, deposits shall be made to meet the requirements of BT4.212 before additional timber may be cut.

BT4.24 Refund after Final Charges for Released Timber. Any cash deposit, in excess of that required to meet charges under BT4.2, shall be refunded or transferred within 15 days of Purchaser's request after final charges for Included Timber have been made, except for amounts estimated to be required under BT9.5.

BT4.3 Payment Guaranteed by Bond or Deposited Securities. To guarantee payment, Purchaser may furnish and maintain an acceptable surety bond or deposit in a Federal Depository negotiable securities of the United States. The securities shall be deposited through the Regional Fiscal Agent accompanied by a power of attorney and agreement authorizing the bond-approving officer to sell or collect such securities if payment is not made within 15 days of billing by Forest Service. The penal sum of such surety bond or the market value at time of deposit of such negotiable securities shall be the maximum amount of the payment guaranteed.

For payment purposes, said penal sum of the surety bond or market value at time of deposit of negotiable securities shall be in lieu of the performance bond furnished under BT9.1.

BT4.31 Blanket Bond. If Purchaser furnishes an acceptable bond, or deposits securities, in accordance with BT4.3, to guarantee payment for timber from this and other timber sales within the same National Forest, the amount of such bond or deposited securities shall be allocated to such timber sales by Forest Service. When there is to be no timber cutting hereunder for 30 days or more and payment of current charges has been made, the allocation to this timber sale shall be reallocated to other timber sales at Purchaser's request. Purchaser shall not start cutting hereunder until this timber sale receives an allocation that will meet the obligation for payment guarantee.

BT4.32 Letters of Credit for Payment Bond. Notwithstanding the provisions of BT4.3, Purchaser may use letters of credit in lieu of a surety bond for payment bond purposes when approved by Contracting Officer.

BT4.4 Payments Not Received. (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 allowed in the bill for collection for receipt of payment Contracting Officer will suspend all or any part of Purchaser'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 BT4.218,
(iii) Damages pursuant to BT9.4,
(iv) Road use fees,
(v) Restoration of downpayment pursuant to BT4.22,
(vi) Periodic payment pursuant to BT4.213, and
(vii) Other mandatory deposits.

(b) Failure to pay amounts due by the date allowed in the bill for collection for receipt of payment shall be considered a breach under BT9.3. The 30-day notice period prescribed therein shall begin to run as of the end of business on the date allowed 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 higher of the Current Value of Funds Rate or the Prompt Payment Interest 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 Purchaser'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 Purchaser's Operations, and administrative offset, shall be stayed for so long as:

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

BT5.0-TRANSPORTATION FACILITIES

BT5.1 Authorization. Purchaser is authorized to construct and maintain roads, bridges, and other transportation

facilities, as needed for harvesting Included Timber on National Forest lands.

Maintenance shall be governed by BT5.3. The location and clearing widths of all roads or facilities shall be agreed to before construction is started.

BT5.11 Requirements of Rights-of-Way. Purchaser's use on rights-of-way identified in attached list or CT5.11 shall be confined to rights-of-way and limited by the related easements and stipulations, if any, unless Purchaser makes other arrangements that will not infringe upon or adversely affect the grantee's rights. Easements or right-of-way documents are available in the offices of the Forest Supervisor and District Ranger.

BT5.12 Use of Roads by Purchaser. Except as provided herein, Purchaser is authorized to use existing National Forest system roads, when Forest Service determines that such use will not cause damage to the roads or National Forest resources.

CT5.12 lists existing roads shown on Sale Area Map that for such reasons as limitations in structural capacity, safety, and protection of soil, water, and roads:

(a) Cannot be used for log hauling or
(b) May be used only under the restrictive limitations stated therein.

BT5.3 Road Maintenance. Purchaser shall maintain roads, commensurate with Purchaser's use, in accordance with Road Maintenance Requirements in CT5.31 and the Road Maintenance Specifications. Performance of road maintenance work by Purchaser may be required prior to, during, or after each period of use. The timing of work accomplishment shall be based on Purchaser's Operating Schedule under BT6.31.

When two or more commercial users are simultaneously using the same road where Forest Service is not requiring maintenance deposits, the commercial users will develop maintenance responsibilities and arrangements for accomplishing the work. Forest Service must agree to this plan. If the commercial users cannot agree on maintenance responsibilities, Forest Service shall resolve the differences.

If Purchaser elects to use different roads than those listed in CT5.31, Forest Service shall determine Purchaser's commensurate share of road maintenance and revise road maintenance deposits in CT5.32.

If Forest Service cannot perform its full commensurate share of road maintenance, Forest Service shall make a cash payment to Purchaser for performance of such work.

Unless agreed in writing, prehaul maintenance shall be completed on any portion of road prior to hauling on that portion. Maintenance, as used in this contract, does not include road reconstruction or repairs of an extraordinary nature.

BT6.0-OPERATIONS

BT6.1 Representatives. Unless otherwise agreed, Purchaser shall designate, in writing, a representative who is authorized to receive notices in regard to performance under this contract and take related action. In no case shall Purchaser designate any representative to this contract who is currently debarred, proposed for debarment, or suspended by the Federal Government. Purchaser's representative shall provide a copy of the contract to Purchaser's field supervisor and persons authorized to assume responsibilities in the field supervisor's absence. Prior to initial operations and after shutdowns of 10 days or more, Purchaser's representative shall notify Forest Service 2 days, excluding weekends and Federal holidays, before any operations begin on Sale Area.

Purchaser's representative shall designate, in writing, a field supervisor, one of whose responsibilities shall be on-the-ground direction and supervision of Purchaser's Operations. The field supervisor shall be readily available to the area of operations when operations are in progress and shall be authorized to receive notices in regard to performance under this contract and take related action. The responsibilities of the field supervisor shall include the safeguarding of National Forest resources and performance within the terms of the contract. Purchaser representative will furnish Forest Service with names of persons authorized to assume responsibilities in field supervisor's absence. Such delegations may be made a part of Purchaser's annual Operating Schedule under BT6.31.

Unless Contracting Officer designates another Forest Service representative and notifies Purchaser in writing, the District Ranger is the representative of Forest Service. Forest Service representative shall:

(a) Receive notice in regard to performance under this contract,
(b) Take action in relation to this contract, and
(c) Be readily available to the area of logging operations.

Contracting Officer or Forest Service representative shall designate other on-the-ground representatives in writing along with their specific contractual responsibilities and authority. Representatives with authority delegated in writing are the only Forest Service personnel authorized to provide notice or take related actions under the contract. Such delegation shall be made within 60 days of contract award.

BT6.11 Notices. Notices by either party as to action taken or to be taken by the other respecting this contract shall be

made in writing to the other party's designated representative.

BT6.2 Improvements. Purchaser shall comply with the rules and regulations governing the operation of premises that are occupied and shall perform the contract in a manner that will not interrupt or interfere with the conduct of Forest Service business.

Forest Service shall grant written permission before any camp, storage, or service area is opened or operated on National Forest land or administered land. A camp is interpreted to include the campsite or trailer parking area of any employee, agent, contractor, Subcontractor or their employees or agents working on the project for Purchaser. Such permission, if granted, shall be without charge to Purchaser.

BT6.22 Protection of Improvements. So far as practicable, Purchaser shall protect improvements (such as roads, trails, telephone lines, ditches, and fences):

(a) Existing in the operating area,
(b) Determined to have a continuing need or use, and
(c) Designated on Sale Area Map.

Purchaser shall keep roads and trails needed for fire protection or other purposes and designated on Sale Area Map reasonably free of equipment and forest products, and debris resulting from Purchaser's Operations. Purchaser shall make timely restoration of any such improvements damaged by Purchaser's Operations and, when necessary because of such operations, shall move such improvements, as specified in CT6.22.

BT6.221 Protection of Improvements Not Owned by Forest Service. Forest Service will notify all utility companies, or other parties affected, and make arrangements for all necessary adjustments of the public utility fixtures, pipelines, and other appurtenances likely to be affected by Purchaser's Operations.

When Purchaser's Operations are adjacent to properties of railway, telephone, or power companies, or other property, work shall not begin until Purchaser has identified actions necessary to prevent damage.

Purchaser shall cooperate with the owners of any underground or overhead utility lines in their removal and/or rearrangement operations in order that these operations may progress in a reasonable manner, utility duplication or rearrangement work may be reduced to a minimum, and services shall not be unnecessarily interrupted.

In the event of interruption to utility services because of accidental breakage or as a result of lines being exposed or unsupported, Purchaser shall promptly notify the proper authority and shall cooperate with that authority in the restoration of service until the service is restored.

When materials are to be hauled across the tracks of any railway, Forest Service will make arrangements with the railroad for the use of any existing crossing or for any new crossing required. Purchaser shall make arrangements for use of alternate crossings. All work to be performed by Purchaser on the railroad right-of-way shall not damage railroad company's property.

BT6.222 Protection of Property. Purchaser shall not unnecessarily remove, deface, injure, or destroy trees, shrubs, or other natural features, unless specifically authorized. To the extent practicable, Purchaser shall confine operations to within the clearing limit or other areas designated in the contract and prevent the depositing of rocks, excavated materials, stumps, or other debris outside these limits.

Material that falls outside these limits shall be retrieved, disposed of, or incorporated in the work to the extent practicable and necessary to protect adjacent resource values, unless otherwise agreed.

BT6.23 Protection of Land Survey Monuments. Forest Service shall appropriately designate on the ground all known survey monuments, section corners, and other corner accessories. Forest Service shall post identifying signs on two sides of each known bearing tree.

Forest Service shall arrange protective or perpetuate action that does not cause unnecessary delay to Purchaser in authorized clearings, such as Clearcutting Units, and in other instances where damage to monuments, section corners, and other corner accessories is unavoidable.

Purchaser shall protect all known survey monuments, witness corners, reference monuments, and bearing trees against avoidable destruction, obliteration, or damage during Purchaser's Operations. If any known monuments, corners, or accessories are destroyed, obliterated, or damaged by Purchaser's Operations, Purchaser shall hire the appropriate county surveyor or a registered land surveyor to reestablish or restore at the same location the monuments, corners, or accessories. Such surveyors shall use procedures in accordance with the Bureau of Land Management "Manual of Instructions for the Survey of the Public Lands of the United States" for General Land Office surveys and in accordance with State law for others. Purchaser shall record such survey in appropriate county records.

BT6.24 Protection Measures Needed for Plants, Animals, Cultural Resources, and Cave Resources.

(a) Areas, known by Forest Service prior to timber sale advertisement, needing special measures for the protection of plants, animals, cultural resources, and/or cave resources are shown on Sale Area Map and/or identified on the ground, and

shall be treated as follows:

(i) Unless agreed otherwise, wheeled or track laying equipment shall not be operated in areas identified as needing special measures except on roads, landings, tractor roads, or skid trails approved under BT5.1 or BT6.422. Purchaser may be required to backblade skid trails and other ground disturbed by Purchaser's Operations within such areas in lieu of cross ditching required under BT6.6. Additional special protection measures needed to protect such known areas are identified in CT6.24.

(ii) Unless agreed otherwise, trees will not be felled into areas identified as needing special measures.

(iii) Purchaser shall conduct operations in a manner that does not damage or disturb identified areas. In the event that protective measures identified by the Forest Service are for any reason inadequate, Contracting Officer may delay or interrupt Purchaser's operations, under this Contract, and/or modify this Contract pursuant to BT8.33.

(iv) Purchaser shall immediately notify the Forest Service if its operations disturb or damage any area identified as needing special protection, and shall immediately halt its operations in the vicinity of such area until the Forest Service authorizes continued operations. In the event that Purchaser's operations disturb or damage an area identified as needing special protection, then Purchaser shall reimburse the Forest Service for the full cost and expense of any evaluative and remedial measures undertaken by the Forest Service in connection with such disturbance or damage. Such payment shall not relieve Purchaser from civil or criminal liability under applicable law.

(b) Nothing contained in this Subsection shall establish, or be deemed to establish any express or implied warranty on the part of the Forest Service (i) that the Forest Service has identified all areas within the Sale Area requiring special protection, or (ii) that measures prescribed by the Forest Service for protection of such areas are adequate.

(c) Following sale advertisement, additional areas needing special measures for protection may be discovered or identified; protective measures may be revised or newly prescribed; and, additional species of plants and/or animals may be added to federal lists of protected species. In such event, Contracting Officer may delay or interrupt Purchaser's operations, under this Contract, and/or modify this Contract pursuant to BT8.33.

(d) Discovery, by either the Purchaser or the Forest Service, of additional areas, resources, species, or members of species needing special protection shall be promptly reported to the other party.

BT6.3 Control of Operations. Under this contract, "Purchaser's Operations" shall include activities of or use of equipment of Purchaser, Purchaser's employees, agents, contractors, Subcontractors, or their employees or agents, acting in the course of their employment in operations hereunder on National Forest lands or within Forest Service protection boundary (unless acting under the immediate supervision of Forest Service).

Purchaser's Operations shall be conducted in a workmanlike and orderly manner. The timing of required Forest Service designation of work on the ground and the performance of other Forest Service work shall not be such as to cause unnecessary delay to Purchaser.

"Release for Cutting" is written authorization to Purchaser to begin cutting in a Payment Unit. Upon Purchaser's request for release of a Payment Unit, Forest Service shall either:

(a) Give tentative approval and bill Purchaser as necessary under BT4.21 or

(b) Reject the request, stating reasons for rejection.

When payment or payment guarantee has been confirmed, Forest Service shall issue Release for Cutting within 10 days. Purchaser shall not cut timber in any Payment Unit until it is Released for Cutting.

BT6.31 Operating Schedule. Purchaser shall, before commencing operations, provide in writing an annual Operating Schedule of anticipated major activities and needs for logging Included Timber, such as logging and road maintenance. Upon reasonable notice to Forest Service, such schedule shall be subject to modifications necessitated by weather, markets, or other unpredictable circumstances.

Subject to BT6.6 and when the requirements of BT6.66 are met, Purchaser's Operations may be conducted outside Normal Operating Season. "Normal Operating Season" is the period(s) beginning and ending on the dates stated on Page 1 of any year.

BT6.32 Protection of Residual Trees. Purchaser's Operations shall not unnecessarily damage young growth or other trees to be reserved.

BT6.33 Safety. Purchaser's Operations shall facilitate Forest Service's safe and practical inspection of Purchaser's Operations and conduct of other official duties on Sale Area. Purchaser has all responsibility for compliance with safety requirements for Purchaser's employees.

In the event that Contracting Officer identifies a conflict between the requirements of this contract or agreed upon methods of proceeding hereunder and State or Federal safety requirements, the contract shall be modified and Purchaser may request an adjustment in Current Contract Rates to compensate for the changed conditions.

Unless otherwise agreed in writing, when Purchaser's Operations are in progress adjacent to or on Forest Service

controlled roads and trails open to public travel, Purchaser shall furnish, install, and maintain all temporary traffic controls that provide the user with adequate warning of hazardous or potentially hazardous conditions associated with Purchaser's Operations. Purchaser and Forest Service shall agree to a specific Traffic Control Plan for each individual project prior to commencing operations. Devices shall be appropriate to current conditions and shall be covered or removed when not needed. Except as otherwise agreed, flagmen and devices shall be as specified in the "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD) and as shown on Sale Area Map, Traffic Control Plan, or in specifications attached hereto.

BT6.34 Sanitation and Servicing. Purchaser shall take all reasonable precautions to prevent pollution of air, soil, and water by Purchaser's Operations. If facilities for employees are established on Sale Area, they shall be operated in a sanitary manner. In the event that Purchaser's Operations or servicing of equipment result in pollution to soil or water, Purchaser shall conduct cleanup and restoration of the polluted site to the satisfaction of Forest Service.

Purchaser shall maintain all equipment operating on Sale Area in good repair and free of abnormal leakage of lubricants, fuel, coolants, and hydraulic fluid. Purchaser shall not service tractors, trucks, or other equipment on National Forest lands where servicing is likely to result in pollution to soil or water. Purchaser shall furnish oil-absorbing mats for use under all stationary equipment or equipment being serviced to prevent leaking or spilled petroleum-based products from contaminating soil and water resources. Purchaser shall remove from National Forest lands all contaminated soil, vegetation, debris, vehicle oil filters (drained of free-flowing oil), batteries, oily rags, and waste oil resulting from use, servicing, repair, or abandonment of equipment.

BT6.341 Prevention of Oil Spills. If Purchaser maintains storage facilities for oil or oil products on Sale Area, Purchaser shall take appropriate preventive measures to ensure that any spill of such oil or oil products does not enter any stream or other waters of the United States or any of the individual States.

If the total oil or oil products storage exceeds 1,320 gallons in containers of 55 gallons or greater, Purchaser shall prepare a Spill Prevention Control and Countermeasures Plan. Such Plan shall meet applicable EPA requirements (40 CFR 112), including certification by a registered professional engineer.

Purchaser shall notify Contracting Officer and appropriate agencies of all reportable (40 CFR 110) spills of oil or oil products on or in the vicinity of Sale Area that are caused by Purchaser's employees, agents, contractors, Subcontractors, or their employees or agents directly or indirectly, as a result of Purchaser's Operations. Purchaser will take whatever initial action may be safely accomplished to contain all spills.

BT6.342 Hazardous Substances. Purchaser shall notify the National Response Center and Contracting Officer of all releases of reportable quantities of hazardous substances on or in the vicinity of Sale Area that are caused by Purchaser's employees, agents, contractors, Subcontractors, or their employees or agents directly or indirectly, as a result of Purchaser's Operations, in accordance with 40 CFR 302.

BT6.35 Equipment Cleaning. (a) Areas, known by Forest Service prior to timber sale advertisement, that are infested with invasive species of concern are shown on Sale Area Map. A current list of invasive species of concern and a map showing the extent of known infestations is available at the Forest Supervisor's Office. For purposes of this provision, "Off Road Equipment" includes all logging and construction machinery, except for log trucks, chip vans, service vehicles, water trucks, pickup trucks, cars, and similar vehicles.

(b) Purchaser shall adhere to the following requirements with regard to cleaning "Off-Road Equipment":

(i) Prior to moving Off Road Equipment onto the Sale Area, Purchaser shall identify the location of the equipment's most recent operation. Purchaser shall not move any Off Road Equipment that last operated in an area infested with one or more invasive species of concern onto Sale Area without having cleaned such equipment of seeds, soil, vegetative matter, and other debris that could contain or hold seeds, and having notified Forest Service, as provided in (iii). If the location of prior operation cannot be identified, then Purchaser shall assume that the location is infested with invasive species of concern.

(ii) Prior to moving Off Road Equipment from a cutting unit that is shown on Sale Area Map to be infested with invasive species of concern to, or through any other area that is shown as being free of invasive species of concern, or infested with a different invasive species, Purchaser shall clean such equipment of seeds, soil, vegetative matter, and other debris that could contain or hold seeds, and shall notify the Forest Service, as provided in (iii).

(iii) Prior to moving any Off-Road Equipment subject to the cleaning requirements set forth above, Purchaser shall advise Forest Service of its cleaning measures and make the equipment available for inspection. Forest Service shall have 2 days, excluding weekends and Federal holidays, to inspect equipment after it has been made available. After satisfactory inspection or after such 2 day period, Purchaser may move the equipment as planned. Equipment shall be considered clean when a visual inspection does not disclose seeds, soil, vegetative matter, and other debris that could contain or hold seeds. Purchaser shall not be required to disassemble equipment unless so directed by the Forest Service after inspection.

(iv) If Purchaser desires to clean Off Road Equipment on National Forest land, such as at the end of a project or prior to moving to, or through an area that is free of invasive species of concern, Purchaser shall obtain prior approval from Contracting Officer as to the location for such cleaning and measures, if any, for controlling impacts.

(v) Contracting Officer may order delay, interruption, or modification of this Contract pursuant to BT8.33.

(c) Nothing contained in this Section shall be interpreted as creating any warranty on the part of the Forest Service that all locations of invasive species of concern have been described herein, elsewhere in this Contract, or designated on the ground. Following sale advertisement, additional locations may be described or designated, and other species may be added to the list of invasive species of concern. In such event, Contracting Officer may order delay, interruption, or modification of this Contract pursuant to BT8.33.

(d) The parties shall promptly communicate with one another with respect to description or designation of additional locations; discovery of locations of new species or new infestation; and, addition of species to the list of invasive species of concern.

BT6.36 Acceptance of Work. Upon Purchaser'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 Purchaser's Operations. Such a request may be for acceptance of:

(a) Specific requirements on a Payment Unit (such as logging, slash disposal, erosion control, or snag felling) or

(b) All contract requirements on a Payment Unit.

Forest Service may perform such inspections without request from Purchaser.

Within 2 days of inspection, excluding weekends and Federal holidays, Forest Service shall furnish Purchaser 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 Purchaser's request, Purchaser shall be notified in writing of necessity for postponement and time when inspection can be made.

When all contractual work of Purchaser has been accepted for any Payment Unit or cutting unit identified on Sale Area Map, said Payment Unit or cutting unit shall be eliminated from Sale Area on written notice of either party to this contract.

BT6.4 Conduct of Logging. Unless otherwise specifically provided herein, Purchaser shall fell trees designated for cutting and shall remove the portions that meet Utilization Standards, as provided in BT2.2, prior to acceptance of Payment Unit for completion of logging under BT6.36. Forest Service may make exceptions 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 CT6.4 provisions set forth requirements to meet special or unusual logging conditions:

BT6.41 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 on Page 1. Purchaser 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 on Page 1. If necessary to assess extent of defect, Purchaser shall make sample saw cuts or wedges.

BT6.411 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 Clearcutting Units, clearings, and areas of regeneration cutting.

BT6.412 Stump Heights. Stumps shall not exceed, on the side adjacent to the highest ground, the maximum height set forth on Page 1, except that occasional stumps of greater heights are acceptable when Purchaser determines that they are necessary for safe and efficient conduct of logging. Unless otherwise agreed Purchaser shall re-cut high stumps so they will not exceed height specified on Page 1 and shall dispose of severed portions in the same manner as other logging debris or as otherwise agreed. The stump heights shown on Page 1 were selected with the objective of maximum reasonable utilization of the timber, unless Sale Area Map shows special areas where stump heights are lower for aesthetic, land treatment, or silvicultural reasons.

BT6.413 Limbing. When Forest Service determines it is necessary to minimize damage to the residual stand during skidding, Purchaser shall cut exposed limbs from products prior to skidding. Purchaser may be leave uncut those limbs that cannot be cut with reasonable safety.

BT6.42 Skidding and Yarding. Methods of skidding or yarding specified for particular areas, if any, are indicated on Sale Area Map. Outside Clearcutting Units and 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.

BT6.421 Rigging. Insofar as practicable, needed rigging shall be slung on stumps or trees designated for cutting.

BT6.422 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.

BT6.423 Skidding on Roads. Products may be skidded on permanent roads authorized for hauling under BT5.12 only by prior written agreement.

BT6.424 Arches and Dozer Blades. Unless otherwise specified in CT6.424, 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.

BT6.5 Streamcourse Protection. "Streamcourses" that are subject to provisions of this Section are shown on Sale Area Map. Unless otherwise agreed, the following measures shall be observed to protect Streamcourses:

(a) Purchaser's Operations shall be conducted to prevent debris from entering Streamcourses, except as may be authorized under paragraph (d). In event Purchaser causes debris to enter Streamcourses in amounts that may adversely affect the natural flow of the stream, water quality, or fishery resource, Purchaser shall remove such debris as soon as practicable, but not to exceed 2 days, and in an agreed manner that will cause the least disturbance to Streamcourses.

(b) Culverts or bridges shall be required on roads at all points where it is necessary to cross Streamcourses. Such facilities shall be of sufficient size and design and installed in a manner to provide unobstructed flow of water and to minimize damage to Streamcourses. Trees or products shall not be otherwise hauled or yarded across Streamcourses unless fully suspended.

(c) Wheeled or track-laying equipment shall not be operated in Streamcourses, except at crossings designated by Forest Service or as essential to construction or removal of culverts and bridges.

(d) Flow in Streamcourses may be temporarily diverted only if Forest Service gives written authorization. Such flow shall be restored to the natural course as soon as practicable and, in any event, prior to a major storm runoff period or runoff season.

BT6.6 Erosion Prevention and Control. Purchaser's Operations shall be conducted reasonably to minimize soil erosion. Equipment shall not be operated when ground conditions are such that excessive damage will result. Purchaser shall adjust the kinds and intensity of erosion control work done to ground and weather conditions and the need for controlling runoff. Erosion control work shall be kept current immediately preceding expected seasonal periods of precipitation or runoff.

If Purchaser fails to do seasonal erosion control work prior to any seasonal period of precipitation or runoff, Forest Service may temporarily assume responsibility for the work and any unencumbered deposits hereunder may be used by Forest Service to do the work. If needed for such work, Purchaser shall make additional deposits on request by Forest Service. Any money deposited or used for this purpose shall be treated as cooperative deposits under BT4.218.

BT6.61 Meadow Protection. Reasonable care shall be taken to avoid damage to the cover, soil, and water in meadows shown on Sale Area Map. Vehicular or skidding equipment shall not be used on meadows, except where roads, landings, and tractor roads are approved under BT5.1 or BT6.422. Unless otherwise agreed, trees felled into meadows shall be removed by endlining. Resulting logging slash shall be removed where necessary to protect cover, soil, and water.

BT6.62 Wetlands Protection. Wetlands requiring protection under Executive Order 11990 are shown on Sale Area Map. Vehicular or skidding equipment shall not be used in such wetlands, except where roads, landings, and tractor roads are approved under BT5.1 or BT6.422. Additional measures needed to protect such areas are provided in CT6.62.

BT6.63 Temporary Roads. As necessary to attain stabilization of roadbed and fill slopes of temporary roads, Purchaser shall employ such measures as outsloping, drainage dips, and water-spreading ditches.

After a temporary road has served Purchaser's purpose, Purchaser 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.

BT6.631 Temporary Roads to Remain Open. To maintain short term access to portions of Sale Area for post-sale treatments and other purposes after a temporary road has served Purchaser's purpose, pursuant to BT6.63, Purchaser agrees, that on temporary roads designated on Sale Area Map as "Remain Open," to construct cross ditches and water bars, as designated, staked, or otherwise directed by Forest Service, that can be traversed by a normal two-wheeled drive pickup truck. On "Remain Open" roads, all bridges and culverts shall remain in place and ditches shall not be eliminated. All drainage structures shall be left in functional condition.

BT6.64 Landings. After landings have served Purchaser's purpose, Purchaser 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.

BT6.65 Skid Trails and Fire Lines. Purchaser 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 Purchaser-built fire lines prior to or during construction. By agreement, Purchaser may use other comparable erosion control measures, such as backblading skid trails, in lieu of cross ditching.

BT6.66 Current Operating Areas. Where logging is in progress but not completed, unless agreed otherwise, Purchaser 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 a Normal Operating Season, 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 after Normal Operating Season, Purchaser shall keep such work on any additional disturbed areas as up to date as practicable.

BT6.67 Erosion Control Structure Maintenance. During the period of this contract, Purchaser shall provide maintenance of soil erosion control structures constructed by Purchaser until they become stabilized, but not for more than 1 year after their construction. Contracting Officer may agree to perform such structure maintenance under BT4.218, if requested by Purchaser, subject to agreement on rates. Purchaser shall not be responsible for repair of such structures damaged by other National Forest users whose activities are not a part of Purchaser's Operations.

BT6.7 Slash Disposal. Purchaser's timing of product removal and preparatory work shall not unnecessarily delay slash disposal. Specific slash disposal measures to be employed by Purchaser are stated in CT6.7 and are in addition to Required Deposits for slash disposal.

BT6.8 Measuring. "Measuring" is the estimation of timber quantities using certain dimensions and applicable volume tables or formulae to determine the contents of trees or stands in a standard manner. Sampling may be on an individual tree or area basis. Examples of standard procedures are tree measurement, sample tree measurement, and area estimate. The quantity of timber designated or to be designated for cutting has been or shall be Measured, as specified in CT6.8.

BT6.81 Product Identification. For timber sales west of the 100th meridian, before removal from Sale Area, unless Contracting Officer determines that circumstances warrant a written waiver or adjustment, Purchaser shall:

(a) Hammer brand all products that are eight (8) feet or more in length and one-third (1/3) or more sound, on each end that is seven (7) inches or more in diameter.

(b) Paint with a spot of highway-yellow paint all domestic processing products that are eight (8) feet or more in length and one-third (1/3) or more sound, on each end that is seven (7) inches or more in diameter. Each paint spot must be not less than three (3) square inches in size.

Contracting Officer shall assign brands and, if Sale Area is within a State that maintains a log brand register, brands shall be registered with the State. Purchaser shall use assigned brand exclusively on logs from this sale until Contracting Officer releases brand. Purchaser will 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. Purchaser shall replace identifying marks if they are lost, removed, or become unreadable. Purchaser 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 timber sale 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 timber sale brand.

BT6.9 Records. Upon request, Purchaser shall provide access to appropriate annual records in Purchaser's books and accounts to enable Forest Service to obtain and analyze accurate operating costs and selling price data for appropriate use in appraising Federal timber. Operating cost and selling price data shall include that applicable for appraising timber obtained from Federal sources in or processed in the Region. Purchaser shall provide access to such data on behalf of subsidiary entities owned or controlled by Purchaser to the extent they participate in harvesting, manufacturing, or marketing said timber into products recognized in National Forest timber appraisals in the area. To a like extent, Purchaser shall request in writing Purchaser's contractors and Subcontractors to make such data available to Forest Service.

Information so obtained shall be treated as confidential, as provided in regulations issued by the Secretary of Agriculture (7 CFR 1.12), and shall be available for review by parties from whom such data are obtained.

BT7.0-FIRE PRECAUTIONS AND CONTROL

BT7.1 Plans. Prior to initiating Purchaser's Operations during Fire Precautionary Period, Purchaser shall file with Forest Service a Fire Prevention and Control Plan providing for the prevention and control of fires on Sale Area. Such Plan shall include a detailed list of personnel and equipment at Purchaser's disposal for implementing the Plan. This requirement may be met by preparing a single Plan for more than one timber sale.

BT7.2 Fire Precautions. Specific fire precautionary measures listed in CT7.2 shall be applicable during Purchaser's

Operations in "Fire Precautionary Period" described on Page 1. Contracting Officer may change the dates of Fire Precautionary Period by advance written notice, if justified by unusual weather or other conditions. Required tools and equipment shall be kept in serviceable condition and immediately available for fire fighting at all times during Purchaser's Operations in Fire Precautionary Period.

BT7.21 Substitute Precautions. Forest Service may authorize substitute measures or equipment, or waive specific requirements by written notice, if substitute measures or equipment will afford equal protection or some of the required measures and equipment are unnecessary.

BT7.22 Emergency Precautions. Forest Service may require the necessary shutting down of equipment on portions of Purchaser's Operations, as specified by the emergency fire precautions schedule of CT7.22. Under such conditions, after Purchaser ceases active operations, Purchaser shall release for hire by Forest Service, if needed, Purchaser's shutdown equipment for fire standby on Sale Area and personnel for fire standby or fire patrol, when such personnel and equipment are not needed by Purchaser for other fire fighting or protection from fire. Equipment shall be paid for at fire fighting equipment rates common in the area or at prior agreed rates and, if Purchaser requests, shall be operated only by personnel approved by Purchaser. Personnel so hired shall be subject to direction and control by Forest Service and shall be paid by Forest Service at fire fighting rates common in the area or at prior agreed rates.

BT7.3 Fire Control. Purchaser shall, both independently and in cooperation with Forest Service, take all reasonable and practicable action to prevent and suppress fires resulting from Purchaser's Operations and to suppress any forest fire on Sale Area. Purchaser's independent initial fire suppression action on such fires shall be immediate and shall include the use of all necessary personnel and equipment at Purchaser's disposal on Sale Area or within the distance of Sale Area stated on Page 1.

BT7.31 Purchaser's Reinforcement Obligations. Whenever an Operations Fire or Negligent Fire, whether on or off Sale Area, or any other forest fire on Sale Area, has not been suppressed by initial action and appreciable reinforcement strength is required, Forest Service may require further actions by Purchaser until such fire is controlled and mopped up to a point of safety. Such actions may include any or all of the following as necessary to fight such fire:

BT7.311 Suspend Operations. To suspend any or all of Purchaser's Operations.

BT7.312 Personnel. To release for employment by Forest Service any or all of Purchaser's personnel engaged in Purchaser's Operations or timber processing within the distance of Sale Area stated on Page 1. Any organized crew so hired shall include Purchaser's supervisor, if any. Personnel so employed shall be paid at Forest Service standard emergency fire fighting rates.

BT7.313 Equipment. To make available for Forest Service rental at fire fighting equipment rates common in the area or at prior agreed rates any or all of Purchaser's equipment suitable for fire fighting and currently engaged in Purchaser's Operations within the distance of Sale Area stated on Page 1. Equipment shall be operated only by personnel approved by Purchaser, if so requested by Purchaser.

BT7.4 Fire Suppression Costs. Purchaser's obligations for cost of fire suppression vary according to three classifications of fires as follows:

BT7.41 Operations Fire. An "Operations Fire" is a fire caused by Purchaser's Operations other than a Negligent Fire. Forest Service, except as provided in BT7.3, shall use cooperative deposits under BT4.218 to perform fire suppression activities on Operations Fires. Purchaser agrees to reimburse Forest Service for such cost for each Operations Fire, subject to a maximum of the dollar amount stated on Page 1. The cost of Purchaser's actions, supplies, and equipment on any such fire provided pursuant to BT7.3, or otherwise at the request of Forest Service, shall be credited toward such maximum. If Purchaser's actual cost exceeds Purchaser's obligation stated on Page 1, Forest Service shall reimburse Purchaser for the excess.

BT7.42 Negligent Fire. A "Negligent Fire" is a fire caused by negligence or fault of Purchaser's Operations, including, but not limited to, one caused by smoking by persons engaged in Purchaser's Operations during the course of their employment, or during rest or lunch periods; or if Purchaser's failure to comply with the requirements of BT7.2 and BT7.3 results in a fire starting or permits a fire to spread. Damages and the cost of suppressing Negligent Fires shall be borne by Purchaser.

BT7.43 Other Fires on Sale Area. Forest Service shall pay Purchaser, at fire fighting rates common in the area or at prior agreed rates, for equipment or personnel furnished by Purchaser pursuant to BT7.3, or otherwise at the request of Forest Service, on any fire on Sale Area other than an Operations Fire or a Negligent Fire.

BT7.5 State Law. Purchaser shall not be relieved by the terms of this contract of any liability to the United States for fire suppression costs recoverable in an action based on State law, except for such costs resulting from Operations Fires.

Amounts due Purchaser for fire fighting expenditures in accordance with BT7.41 shall not be withheld pending settlement of any such claim or action based on State law.

BT7.6 Performance by Contractor. Where Purchaser's employees, agents, contractors, Subcontractors, or their employees or agents perform Purchaser's Operations in connection with fire responsibilities, Purchaser's obligations shall be the same as if performance was by Purchaser.

BT8.0-OTHER CONDITIONS

BT8.1 Title and Liability.

BT8.11 Title Passage. All right, title, and interest in and to any Included Timber shall remain in Forest Service until it has been Measured, removed from Sale Area, and paid for, at which time title shall vest in Purchaser. For purposes of this Subsection, timber in Payment Units Released for Cutting covered by cash deposit or payment guarantee under BT4.3 shall be considered to have been paid for. Title to any Included Timber that has been Measured and paid for, but not removed from Sale Area by Purchaser on or prior to Termination Date, shall remain in Forest Service.

BT8.12 Liability for Loss. If Included Timber is destroyed or damaged by an unexpected event that significantly changes the nature of 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 Purchaser, unless Purchaser is prevented from removing such timber for reasons that would qualify for Contract Term Adjustment. Deterioration or loss of value of salvage timber is not an unexpected event, except for deterioration due to delay or interruption that qualifies for Contract Term Adjustment or under BT8.33.

In the event Included Timber to which Forest Service holds title is destroyed, Purchaser 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 differences to become the redetermined rates.

There shall be no obligation for Forest Service to supply, or for Purchaser 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.

BT8.2 Period of Contract. All obligations of Purchaser shall be discharged not later than "Termination Date" stated on Page 1, unless it is adjusted pursuant to BT8.21, excepting only those obligations for which Forest Service has given written permission to delay performance. Such written permission shall be considered a Contract Term Adjustment for the purpose of Purchaser completing performance of obligations covered by such permission.

BT8.21 Contract Term Adjustment. "Contract Term Adjustment" means adjustment only as provided for in the three circumstances described in this Subsection. Under said 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 (b) in this Subsection.

To qualify for such adjustment, Purchaser shall give written notice of the lost time not later than 30 days after end of 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 Forest Service considers as qualifying for the adjustment. Lost portions of days shall be disregarded in computing time lost. The three circumstances qualifying for a Contract Term Adjustment are:

(a) Purchaser experiences delay in starting scheduled operations or interruptions in active operations, either of which stops removal of Included Timber from Sale Area through curtailment in felling and bucking, yarding, skidding and loading, or hauling, as scheduled under BT6.31, for 10 or more consecutive days during a Normal Operating Season due to causes beyond Purchaser's control, including, but not limited to, acts of God, acts of the public enemy, acts of Government, labor disputes, fires, insurrections, or floods.

(b) Causes described in paragraph (a) substantially affect the disposition or processing of Included Timber during 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, Contract Term Adjustment shall not extend for more than 12 consecutive months.

(c) (i) Contracting Officer requests Purchaser, in writing, to delay or interrupt operations during the normal operating season for any purpose other than suspension under BT4.4 or BT9.3 or

(ii) Purchaser suffers a delay or interruption of Purchaser's Operations affecting skidding, yarding, and loading

because of fire emergency closure ordered by Forest Service (or another agency in its behalf), and the total of such lost time is 10 or more days during any Normal Operating Season.

BT8.22 Termination for Catastrophe. In event of Catastrophic Damage, this contract shall be terminated without liability to either party due to the termination. "Catastrophic Damage" is major change or damage to Included Timber on Sale Area, to Sale Area, to access to Sale Area, or a combination thereof:

(a) Caused by forces, or a combination of forces, beyond control of Purchaser, occurring within a 12-month period, including, but not limited to, wind, flood, earthquake, landslide, fire, forest pest epidemic, or other major natural phenomenon and

(b) Affecting the value of any trees or products meeting Utilization Standards, within Sale Area and estimated to total either:

(i) More than half of the estimated timber volume stated on Page 1 or

(ii) More than two hundred thousand cubic feet (2,000 CCF) or equivalent.

BT8.3 Contract Modification. The conditions of this timber sale are completely set forth in this contract. Except as provided in BT8.33, this contract can be modified only by written agreement between the parties. Only Contracting Officer may make contract modifications, with compensating adjustments to Current Contract Rates where appropriate, on behalf of Forest Service.

BT8.31 Changed Conditions. When it is agreed that the completion of certain work or other requirements hereunder would no longer serve the purpose intended because of substantial change in the physical conditions of Sale Area or Included Timber since the date of this contract, the requirements shall be waived in writing. The estimated cost of such waived work or other requirement shall be charged to the Timber Sale Account.

BT8.33 Contract Suspension and Modification. (a) Contracting Officer may, by written order, delay or interrupt authorized operations under this contract or, notwithstanding BT8.3, modify this contract, in whole or in part:

(i) To prevent environmental degradation or resource damage, including, but not limited to, harm to habitat, plants, animals, cultural resources, or cave resources;

(ii) To ensure consistency with land and resource management plans or other documents prepared pursuant to the National Environmental Policy Act of 1969, 42 USC 4321 4347;

(iii) To conduct environmental analysis, including, but not limited to, engaging in consultation pursuant to the Endangered Species Act of 1973, 16 USC 1531, et seq.; or

(iv) Upon agreement of the Regional Forester, due to administrative appeal or litigation, regardless of whether Contracting Officer's order is required by a court order or this contract is named in such a proceeding.

(b) In the event of an order delaying or interrupting Purchaser's Operations under this Subsection, Purchaser's remedy shall be:

(i) Contract Term Adjustment,

(ii) reimbursement for Out of Pocket Expenses,

(iii) rate redetermination to measure any decline in the market,

(iv) temporary reduction of downpayment, and

(v) temporary bond reduction. However, the foregoing remedies shall be available only to the extent that the Contracting Officer's order was the sole and exclusive cause of the delay or interruption of Purchaser's operations.

(c) In cases of modification under this Subsection, Purchaser shall only receive a rate redetermination pursuant to BT3.31. However, if there is an order delaying or suspending operations in addition to a modification, then Purchaser shall also be entitled to the remedies provided under BT8.33(b) for such delay or suspension.

(d) Remedies awarded to the Purchaser shall not be duplicative, and Contracting Officer shall have the right to structure remedies provided herein to avoid duplicative compensation.

(e) Purchaser agrees that this Subsection, and the remedies provided herein shall apply regardless of any finding by any court or administrative body that the Forest Service failed to comply with any statute, regulation and/or policy in connection with awarding, advertising, or authorizing this sale, or a similar sale. However, nothing in this Subsection precludes Purchaser from exercising rights under the Contract Disputes Act.

BT8.34 Contract Termination This contract may be terminated, in whole or in part, by Forest Service or Purchaser, as provided in Items BT8.341 and BT8.342, respectively. In the event of any such termination, Purchaser shall be entitled to the applicable remedies, subject to the limitation upon duplicative compensation set forth in BT8.33(d). Purchaser agrees that this Subsection and the remedies contained in the following Items shall apply regardless of any finding by any court or administrative body that the Forest Service failed to comply with any statute, regulation and/or policy in connection with awarding, advertising, or authorizing this sale, or a similar sale. However, nothing in this Subsection precludes Purchaser from exercising rights under the Contract Disputes Act.

BT8.341 Termination by Forest Service. (a) The Chief or the Chief's designee may unilaterally terminate this contract, in whole or in part, for any of the reasons set forth in paragraph (a) of BT8.33.

(b) Purchaser's compensation for termination of this contract under this Item shall be:

(i) refund or release of advanced deposits for timber cut but not removed,

(ii) reimbursement for Out-of-Pocket Expenses, and

(iii) replacement timber under subparagraph (c), and/or liquidated damages under subparagraph (d); provided that liquidated damages shall be available if, and only if, after good faith efforts, the Parties (1) cannot locate replacement timber or agree upon the applicable stumpage price, or (2) the volume of deleted timber exceeds the volume of any replacement timber.

(c) Subject to applicable laws, regulations and policies, Forest Service and Purchaser shall make good faith efforts to identify replacement timber of similar volume, quality, access, and topography within Sale Area. If suitable replacement timber cannot be located within Sale Area, the parties shall expand the search to the National Forest in which the Sale Area is located. Stumpage price shall be adjusted under BT3.31 to account for differences between replacement timber and deleted timber. If Forest Service and Purchaser agree upon suitable replacement timber and the applicable stumpage price, then this contract shall not terminate and instead shall be modified pursuant to 36 CFR 223.85(c) and shall remain in force with respect to such replacement timber and, in the case of partial termination, any remaining Included Timber. If the parties cannot agree on suitable replacement timber or the applicable stumpage price of such timber, either party may end the search and Purchaser shall be compensated under subparagraph (d).

(d) Forest Service shall pay as fixed, agreed, and liquidated damages an amount equivalent to 15 percent of the estimated delivered log value of the volume of timber not harvested due to the termination or partial termination. Estimated delivered log value and volume of timber not harvested shall be determined by the Contracting Officer as of Termination Date, using Forest Service methods in use as of the Termination Date.

(e) In any instance of partial termination, in which the Forest Service deletes one or more cutting units from the Sale Area, Purchaser's sole and exclusive remedy with regard to remaining units shall be a rate redetermination pursuant to BT3.31. Purchaser shall be required to complete Contract Operations with regard to remaining units and any obligations pertaining to cessation of operations on deleted units, including without limit erosion control, brush disposal, and road maintenance. If Purchaser fails to fulfill any such duty or obligation, then Contracting Officer may make deductions from compensation due Purchaser, including without limit costs and expenses of completing such work.

BT8.342 Termination by Purchaser. (a) Purchaser may, by written notice, terminate this Contract, in whole or in part, as described herein,

(i) in the event of an order delaying or interrupting its operations pursuant to BT8.33, or

(ii) in the event of an order modifying this Contract pursuant to BT8.33, if Purchaser decides to reject the terms of the modification prior to its acceptance. Purchaser shall have the right to terminate this Contract in whole only when the Contracting Officer's order under BT8.33 applies to all cutting units within the Sale Area. When the order affects only a portion of the cutting units, Purchaser shall have the right to terminate this Contract in part, by deleting one or more of the units covered by the Contracting Officer's order. The foregoing right of termination, in whole or in part, shall not exist when the delay, interruption, or modification arises from wind, flood, landslide, fire, forest pest epidemic, or other major natural phenomenon.

(b) Purchaser's compensation for termination of this Contract, in whole or in part, under this Item shall be:

(i) refund or release of advanced deposits for timber cut but not removed,

(ii) reimbursement for Out of Pocket Expenses, and

(iii) if the duration of the delay or interruption exceeds either six months of Normal Operating Season time, or one calendar year from the date of the order, then: replacement timber as provided under (c) and/or liquidated damages under (d); provided that liquidated damages shall be available if, and only if, after good faith efforts, the Parties (1) cannot locate replacement timber or agree upon the applicable stumpage price, or (2) the volume of deleted timber exceeds the volume of any replacement timber.

(c) Subject to applicable laws, regulations and policies, Forest Service and Purchaser shall make good faith efforts to identify replacement timber of similar volume, quality, access, and topography within Sale Area. If suitable replacement timber cannot be located within Sale Area, the parties shall expand the search to the National Forest in which the Sale Area is located. Stumpage price shall be adjusted under BT3.31 to account for differences between replacement timber and deleted timber. If Forest Service and Purchaser agree upon suitable replacement timber and the applicable stumpage price, then this contract shall not terminate and instead shall be modified pursuant to 36 CFR 223.85(c) and shall remain in force with respect to such replacement timber and, in the case of partial termination, any remaining Included Timber. If the parties cannot agree on suitable replacement timber or the applicable stumpage price of such timber, either party may end

the search and Purchaser shall be compensated under subparagraph (d).

(d) Forest Service shall pay as fixed, agreed, and liquidated damages an amount equivalent to 15 percent of the estimated delivered log value of the volume of timber not harvested due to the termination or partial termination. Estimated delivered log value and volume of timber not harvested shall be determined by the Contracting Officer as of Termination Date, using Forest Service methods in use as of the Termination Date.

(e) In any instance of partial termination, in which Purchaser deletes one or more cutting units from Sale Area, Purchaser's sole and exclusive remedy with regard to remaining units shall be a rate redetermination pursuant to BT3.31. Purchaser shall be required to complete Contract Operations with regard to remaining units and any obligations pertaining to cessation of operations on deleted units, including without limit, erosion control, brush disposal, and road maintenance. If Purchaser fails to fulfill any such duty or obligation, then Contracting Officer may make deductions from compensation due Purchaser, including without limit costs and expenses of completing such work.

BT8.35 Out-of-Pocket Expenses. "Out of Pocket Expenses" are unrecovered expenditures arising directly from performing the contract that were rendered unrecovered due to delay, interruption, or termination pursuant to BT8.33 or BT8.34. An expenditure is "Unrecovered" within the meaning of this Subsection when Purchaser did not gain the benefit of its expenditure because Contract operations were not permitted. In determining whether an expenditure is "Unrecovered," Contracting Officer shall not conclude that an award of liquidated damages constitutes the benefit of that expenditure. (a) Out of Pocket Expenses shall not include, in particular and without limitation, any of the following:

(i) attorneys fees;

(ii) costs and expenses of operating a saw mill or other processing facility;

(iii) expectancy damages; and,

(iv) anticipatory profits

(b) Forest Service shall reimburse Purchaser for only the following Out of Pocket Expenses:

(i) Out of Pocket Expenses for maintenance of the timber sale performance and payment bonds during the period when operations were delayed or interrupted or, if terminated, from the date operations were halted until the expiration of the bonds;

(ii) Out of Pocket Expenses for maintenance of the downpayment or other cash deposits during the period when operations were delayed or interrupted or, if terminated, from the date operations were halted until the cash is returned to Purchaser;

(iii) Out of Pocket Expenses for the lesser of move out and move in or leaving equipment and/or logging camps on site, if the Purchaser and Contracting Officer have agreed to leave equipment and/or logging camps on site in lieu of move out and move in;

(iv) Out of Pocket Expenses for felling, bucking, lopping, skidding, yarding, and decking any products so processed, but not removed from Sale Area because: (1) the sale was terminated, or (2) the products no longer meet Utilization Standards because of delay or interruption;

(v) If terminated, in whole or in part, Out of Pocket Expenses for unamortized Temporary Roads, road maintenance, dust abatement and improvements authorized under BT6.2, and

(vi) If terminated, in whole or in part, Out of Pocket Expenses for bid preparation, including review of sale offering.

(c) Purchaser shall submit documentation of claimed expenditures, including those actually paid and those for which the Purchaser has a legal obligation to pay but has not yet paid, and supporting analysis to Contracting Officer to assist in Contracting Officer's calculation of reimbursement. Contracting Officer shall determine the amount of reimbursement under this Subsection using information from Purchaser and/or Forest Service methods in use on the date that operations were delayed, interrupted, or terminated. Purchaser's failure to substantiate any claimed Out of Pocket Expense may constitute grounds for Contracting Officer's denial of reimbursement.

(d) Purchaser shall make reasonable efforts to minimize its Out of Pocket Expenses.

Purchaser shall make all reasonable efforts to minimize Out-of-Pocket Expenses.

BT8.36 Termination for Market Change. (a) In the event of delay or interruption under BT8.33, exceeding 90 days, and Contract has not been modified to include replacement timber, this contract may be terminated upon election and written notice by Purchaser, if (i) a rate redetermination for market change under BT3.33 shows that the appraised weighted average Indicated Advertised Rate of all Included Timber remaining immediately prior to the delay or interruption has been reduced through a market change by an amount equal to or more than the the weighted average Current Contract Rate, or (ii) the appraised value of the remaining timber is insufficient to cover the adjusted base rates as determined under BT3.33.

(b) Prior to termination under this Subsection, Purchaser shall complete all obligations on areas not affected by the delay or interruption.

(c) Damages caused by termination of contract under this Subsection will be limited to Out-of-Pocket Expenses.

BT8.5 Sale of Other Materials. Forest Service reserves the right to sell from Sale 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 that will materially interfere with Purchaser's Operations. Purchaser shall not be obligated to do any work made necessary by the action of others.

BT8.6 Provisions Required by Statute.

BT8.61 Covenant against Contingent Fees. Purchaser warrants that no person or agency has been employed or retained to solicit or secure this contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial agencies maintained by Purchaser for the purpose of securing business. For breach or violation of this warranty, Forest Service shall have the right to annul this contract without liability or to require Purchaser to pay, in addition to the contract price or consideration, the full amount of such commission, percentage, brokerage, or contingent fee.

BT8.62 Officials Not to Benefit. No member of Congress or Resident Commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom, unless it is made with a corporation for its general benefit (18 USC 431, 433).

BT8.63 Nondiscrimination in Employment. If the total value of this contract is in excess of $10,000, Purchaser agrees during its performance as follows:

(a) Purchaser will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. Purchaser will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. Purchaser agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by Forest Service setting forth the provisions of this Subsection.

(b) Purchaser will, in all solicitations or advertisements for employees placed by or on behalf of Purchaser, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

(c) Purchaser will send to each labor union or representative of workers with which Purchaser has a collective bargaining agreement or other contract or understanding, a notice to be provided by Forest Service, advising the labor union or worker's representative of Purchaser's commitments under this Subsection, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(d) Purchaser shall comply with all provisions of Executive Order No. 11246, as amended by Executive Order No. 11375 and Executive Order No. 12086, and the rules, regulations, and relevant orders of the Secretary of Labor.

(e) Purchaser will furnish all information and reports required by Executive Order No. 11246, as amended, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to books, records, and accounts by Forest Service and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(f) In event of Purchaser's noncompliance with this Subsection or with any of such rules, regulations, or orders, this contract may be terminated or suspended, in whole or in part, and Purchaser may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246, as amended, and such other sanctions may be imposed and remedies invoked, as provided in Executive Order or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(g) Purchaser will include the provisions of paragraphs (a) through (f) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246, as amended, so that such provisions will be binding upon each Subcontractor or vendor. Purchaser will take such action with respect to any subcontract or purchase order as Forest Service may direct as a means of enforcing such provisions, including sanctions for noncompliance. Provided, however, that in the event Purchaser becomes involved in, or is threatened with, litigation with a Subcontractor or vendor as a result of such direction by Forest Service, Purchaser may request the United States to enter into such litigation to protect the interests of the United States.

BT8.64 Debarment and Suspension Certification. Pursuant to 7 CFR 3017, Purchaser shall 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.

Purchaser 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 timber sales, unless Purchaser knows that the certification is erroneous.

Purchaser shall keep the certifications of its Subcontractors on file until timber sale Termination Date and any adjustments 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 Purchaser is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

If Purchaser knowingly enters into a timber sale 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 timber sales, in addition to other remedies available to the Government, Forest Service may pursue available remedies, including suspension and/or debarment.

The Subcontractor for a timber sale shall complete a "Subcontractor Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion."

BT8.65 Contract Consistency With Other Laws. The contract shall govern if State and local environmental quality laws conflict with or preclude performance of contractual requirements.

BT9.0-PERFORMANCE AND SETTLEMENT

BT9.1 Performance Bond. As a further guarantee of the faithful performance of the provisions of this contract, Purchaser delivers herewith and agrees to maintain a surety bond in the dollar amount stated on Page 1, unless the amount is adjusted as provided in BT9.11 or BT9.13. In lieu of surety bond, Purchaser may deposit into a Federal Depository, as directed by Forest Service under BT4.21, and maintain therein, cash in the dollar amount stated on Page 1 or negotiable securities of the United States having market value at time of deposit of not less than the dollar amount stated on Page 1.

Any adjustment of time for completion of this contract beyond 1 year may be granted only with the consent of surety on bond or delivery of a new bond. Should the sureties on the bond delivered herewith, or any bond delivered hereafter in connection with this contract, become unsatisfactory to Forest Service, Purchaser shall, within 30 days of receipt of demand, furnish a new bond with surety satisfactory to Forest Service.

BT9.11 Bond Reduction. Upon Purchaser's written request, Contracting Officer shall redetermine the amount of Purchaser's performance bond to an amount not less than Purchaser's remaining obligations, including the value of Included Timber remaining on Sale Area, plus the estimated cost of uncompleted work required of Purchaser and any unpaid billings due on the timber sale. Contracting Officer shall provide written notice of the redetermined amount to Purchaser and to Purchaser's surety. Similarly, Contracting Officer shall report to Purchaser in writing the amount of deposited cash or deposited securities required thereafter, if such deposits exist in lieu of a surety bond.

As soon as security for the performance of this contract or the settlement of Claims incident thereto is no longer necessary, appropriate notice shall be given to surety or deposits that may have been made in lieu of surety bond shall be returned to Purchaser, subject to the conditions in BT9.5.

BT9.12 Letters of Credit. Notwithstanding the provisions of BT9.1, approved letters of credit may be used in lieu of a surety bond for performance bond purposes. Such letters of credit shall be subject to approval by Contracting Officer.

BT9.13 Temporary Bond Reduction. When, under BT8.33, Contracting Officer orders a delay or interruption of Purchaser's Operations for more than 30 days when scheduled operations would be occurring but for the order, the performance bond amount required shall be temporarily reduced upon the written request of Purchaser or at the discretion of Contracting Officer. For the period of the delay or interruption, the performance bond may be reduced to an amount not less than the estimated cost of uncompleted work required of Purchaser and any unpaid billings due on the timber sale.

Upon Purchaser's receipt of written notice from Contracting Officer that the basis for the delay or interruption no longer exists, Purchaser shall restore the performance bond to the full amount shown on Page 1 within 15 days. Purchaser shall not resume contract operations until the performance bond amount is fully restored.

BT9.2 Disputes. This contract is subject to the Contract Disputes Act of 1978 (41 USC 601, et seq.). Except as provided in the Contract Disputes Act of 1978, all disputes arising under or relating to this contract shall be resolved in accordance with this Section.

As used herein, "Claim" means a written demand or assertion by one of the parties seeking, as a legal right, the payment of money, adjustment or interpretation of contract terms, or other relief, arising under or relating to this contract. A voucher, invoice, or request for payment that is not in dispute when submitted is not a Claim. However, where such submission is subsequently not acted upon in a reasonable time, or disputed either as to liability or amount, it may be converted to a Claim. A Claim by Purchaser shall be made in writing and submitted to Contracting Officer for decision. A Claim by the Government against Purchaser shall be subject to a decision by Contracting Officer.

For Purchaser Claims of more than $100,000, Purchaser shall submit with the Claim a certification that the Claim is made in good faith; the supporting data are accurate and complete to the best of Purchaser's knowledge and belief; and the amount requested accurately reflects the contract adjustment for which Purchaser believes the Government is liable. Purchaser, if an individual, shall execute the certification. When Purchaser is not an individual, the certification shall be executed by a senior company official in charge at Purchaser's plant or location involved or by an officer or general partner of Purchaser having overall responsibility for the conduct of Purchaser's affairs.

For Purchaser Claims of $100,000 or less, Contracting Officer must render a decision within 60 days. For Purchaser Claims in excess of $100,000, Contracting Officer must decide the Claim within 60 days or notify Purchaser of the date when the decision will be made.

Contracting Officer's decision shall be final unless Purchaser appeals or files a suit.

The authority of Contracting Officer does not extend to Claims or disputes that by statute or regulation other agencies are expressly authorized to decide.

Interest, at the Prompt Payment Rate established by the Secretary of the Treasury, on the amount found due on Purchaser's Claim shall be paid from the date the Claim is received by Contracting Officer until the date of the payment.

Except as the parties may otherwise agree, pending final resolution of a Claim of Purchaser arising under the contract, Purchaser shall proceed diligently with the performance of the contract in accordance with Contracting Officer's decision.

BT9.21 Time Limits for Submission of Claim. Failure by Purchaser to submit a Claim within established time limits shall relinquish the United States from any and all obligations whatsoever arising under said contract or portions thereof. Purchaser shall file such Claim within the following time limits:

(a) For Payment Units or cutting units, Purchaser must file any Claim not later than 60 days after receipt of Forest Service written notification that Payment Unit has been accepted and

(b) In all other cases, Purchaser must file any Claim not later than 60 days after receipt of Contracting Officer written notification that timber sale is closed.

BT9.22 Contract Documents. All contract documents are intended to be consistent with each other. In case of discrepancy, the following is the order of precedence:

(a) Special Provisions (CT)
(b) Sale Area Map
(c) Specific Conditions on Page 1
(d) Standard Provisions (BT)
(e) Special project specifications
(f) Plans, such as slash, erosion control, dust abatement, etc.
(g) Agreements between Purchaser and Forest Service, as authorized under the contract
(h) Standard specifications

BT9.3 Breach. In event Purchaser breaches any of the material provisions of this contract, Forest Service shall give Purchaser notice of such breach and, allowing reasonable time for remedy of such breach and of Forest Service's election to suspend, may give notice to suspend all or any part of Purchaser's Operations. Such notice of breach and notice to suspend Purchaser's Operations shall be written, except oral notices may be given if such breach constitutes an immediate threat to human life or a threat of immediate and irreparable damage to National Forest resources. Notwithstanding Section BT6.1, such oral suspension notice may be given to Purchaser's work supervisor or, in work supervisor's absence, to those performing the operation. An oral suspension notice shall be promptly followed by telephone notice and a written explanation from Forest Service to Purchaser.

Suspension under this section shall not entitle Purchaser to any remedies arising under BT8.33.

Immediately upon oral or written suspension, Forest Service representative shall notify Contracting Officer of the suspension and related circumstances. Contracting Officer shall promptly review the suspension to determine if the suspension should be continued or lifted. Such suspension shall be lifted as early as conditions permit.

Upon receipt of oral or written notice of such breach, Purchaser shall remedy the breach as follows:

(a) If remedying such breach requires on-the-ground action by Purchaser, Purchaser shall have 30 practicable operating days during Normal Operating Season to remedy the breach, except under emergency conditions when action should not be delayed to prevent major damage or

(b) If such breach does not require on-the-ground action by Purchaser, such breach shall be remedied within 30 days.

BT9.31 Termination for Breach. Contracting Officer, with the concurrence of the Regional Forester, may terminate this contract for breach in the event Purchaser:

(a) Is convicted for violation of criminal statutes, civil standards, or any other offense indicating a lack of business integrity or honesty that seriously and directly affects the responsibility of Purchaser; including, but not limited to:

(i) Theft, forgery, bribery, embezzlement, falsification or destruction of records, making false statements, or receiving stolen property, any of which occurred in connection with obtaining, attempting to obtain, selling, trading, or processing public timber;

(ii) Fraud, criminal offenses, or violation of Federal or State antitrust laws, any of which occurred in connection with obtaining, attempting to obtain, or performing a public contract or subcontract; or

(iii) Threatening, resisting, intimidating, or interfering with Forest Officers engaged in, or on account of, the performance of their official duties involving the protection, improvement, or administration of National Forest lands;

(b) Is convicted for a violation of criminal statutes or civil standards, orders, permits, or other regulations for environmental protection issued by a Federal agency, State agency, or political subdivision thereof in the conduct of operations hereunder on National Forest lands, pursuant to BT6.01;

(c) Has engaged in a pattern of activity that demonstrates flagrant disregard for the terms of this contract, such as, but not limited to, repeated suspensions for breach pursuant to BT9.3, causing undesignated timber meeting Utilization Standards to be unnecessarily damaged or negligently or willfully cut, or causing other serious environmental degradation or resource damage;

(d) Fails to comply with contract provisions related to nondiscrimination in employment; or

(e) Fails to remedy a breach of contract within time limits stated in BT9.3.

Damages due the United States for termination under this Subsection shall be determined pursuant to BT9.4.

BT9.4 Damages for Failure to Cut or Termination for Breach. (a) In event of Purchaser's failure to cut designated timber on portions of Sale Area by Termination Date or termination for breach under BT9.31, Forest Service shall appraise remaining Included Timber, unless termination is under BT8.22 or BT8.34. Such appraisal shall be made with the standard Forest Service method in use at time of termination.

(b) If the sale is resold, damages due shall be the amount by which Current Contract Value, plus costs described in paragraph (d) of this Section, exceeds the resale value at new Bid Rates.

(c) If the contract is not reoffered or there are no responsive bids on the reoffered contract, damages due shall be the amount by which Current Contract Value exceeds the value determined by appraisal, plus costs described in paragraph (d) of this Section.

(d) If applicable, the following costs shall be included in damages:

(i) The cost of resale or reoffering, including, but not limited to, salary costs, document preparation and duplication costs, mailing costs, and timber sale advertisement costs.

(ii) If Purchaser has failed to cut individual trees in the portions of Sale Area cut over and there is no resale of such individual trees, Purchaser shall pay Forest Service for cost of felling and removal or otherwise eliminating such uncut trees, except for occasional trees not cut for reasons stated in BT6.4.

(iii) The Government's loss caused by the delay in receipt of stumpage payments. Such loss will be measured by interest at the Current Value of Funds Rate established by the Secretary of the Treasury, on the unpaid contract value at Termination Date. Interest will be charged for the total number of months, or portions thereof, from Termination Date until midpoint of the contract resale period, less any time in excess of 1 year needed to make the resale.

(iv) Any increase in reforestation costs, including site preparation, seeding, and planting caused by Purchaser's failure to harvest Included Timber by Termination Date.

BT9.5 Settlement. If obligations of Purchaser have not been fully discharged by Termination Date, any money advanced or deposited hereunder shall be retained and applied toward unfulfilled obligations of Purchaser without prejudice to any other rights or remedies of Forest Service. Such funds may be treated as cooperative deposits under BT4.218 for uncompleted work 30 days after receipt of written notice from Forest Service to Purchaser of work to be done and Purchaser's failure to deny the obligation or to do the work.

BT9.6 Contract Closure. Contracting Officer shall give appropriate written notice to Purchaser when Purchaser has complied with the terms of this contract. Purchaser shall be paid refunds due from the Timber Sale Account under BT4.24 and excess cooperative deposits under BT4.218.

Sale Name: Beetlejuice Salvage

TRAFFIC CONTROL PLAN AND SPECIFICATIONS PURSUANT TO BT6.33 SAFETY

Unless otherwise agreed, the following measures are required to provide adequate warning of hazards for users of roads and trails adjacent to Purchaser's Operations.

Part I. Signing and Other Warning Methods:

(a) Signs. The following signs are required when Purchaser's Operations are in progress adjacent to or on Forest Service controlled roads and trails:

MINIMUM LETTER SIZE AND LEGEND	MINIMUM SIZE AND SHAPE	WHEN AND WHERE REQUIRED
1. LOGGING OPERATIONS NEXT **6** MILES (4" letters)	24" (rectangle) 36"	Min. 100 ft. outside of any continuous work areas, on roads listed in CT5.31# and trails listed in Part II.
2. LOGGING OPERATIONS (3" letters)	24" (diamond) 24"	To be used in conjunction with "Logging Operations Next **0** Miles" and where work area is not continuous.
3. FOR LOGGING USE ONLY (3" letters)	24" (diamond) 24"	Required where roads listed in CT5.31# and temporary roads intersect with CT5.31# roads. Install a cross ditch to discourage use when sign is covered or removed for extended periods.
4. TRUCKS (4" letters)	24" (diamond) 24"	At critical intersections on roads listed in CT5.31# when traffic is heavy or otherwise exceeds volumes stated in Part II below. Remove or cover when the sign is not applicable.
5. END LOGGING OPERATIONS (4" letters)	24" (rectangle) 36"	Use in conjunction with "Logging Operations Next **6** Miles" and "Logging Operations."
6. TREE FELLING AHEAD (3" letters)	24" (diamond) 24"	Required 200 feet in advance of danger area where timber is being felled adjacent to all roads, including temporary roads, and trails.
7. ROAD MACHINERY AHEAD (3" letters)	24" (diamond) 24"	Required at least 200 feet in advance of Purchaser road maintenance operations on roads listed in Schedule CT5.31#.

TRAFFIC CONTROL PLAN AND SPECIFICATIONS - BT6.33 Safety (continued)

All signs shall meet requirements as specified in Parts I and VI of the Manual of Uniform Traffic Control Devices (MUTCD).

Sign borders and lettering shall be black. Borders are 1/2 inch wide, inset 1/2 inch from outside edge of sign. All sign backgrounds shall be orange, except signs #1 and 5 which shall be reflectorized orange.

Signs shall be installed on posts, with a 5 foot minimum ground clearance, or on temporary supports complying with MUTCD standards.

All signs are to be removed or covered when operations are interrupted for seasonal nonuse or other extended periods.

Purchaser shall furnish flag personnel and advance warning signs when cable or helicopter logging above roads or trails, felling adjacent to roads or trails, where logs being bucked may roll into roads or trails, and in areas where fallout from blasting may occur. On roads listed in CT5.31# and temporary roads, Purchaser may temporarily block the road in lieu of furnishing flag personnel.

(b) Barricades. On roads listed in CT5.31#, if Purchaser's Operations cause the traveled way or road shoulders to be constricted overnight, or longer, by such obstructions as decked logs, parked equipment, or piled slash, Purchaser shall place barricades on both sides of the encroaching obstruction to safely channel traffic around such obstructions. Barricades shall remain in place until the obstruction is removed.

Barricades shall be Type II and meet specifications in MUTCD, Part VI. Barricades must be at least 3 feet high. Rails must be at least 2 feet long. Striping shall be alternating orange and white, sloping at a 45 degree angle, and reflectorized. For rails 2 feet to 3 feet long, striping shall be 4 inches wide. For rails longer than 3 feet, striping shall be 6 inches wide. Two rails, 8-12 inches in width, must face each direction.

Barricades shall be equipped with warning lights which shall be Type A low intensity flashing and shall be maintained so as to be capable of being visible on a clear night from a distance of 3,000 feet.

(c) Other Traffic Control Methods. The posting of CB channel signs may be authorized.

On roads listed in CT5.31#, Purchaser may be authorized to install temporary gates, barricades (except cables), or natural barriers. The devices must be installed with the necessary hazard markers, be reasonably passable by Forest Service, and be removed prior to acceptance of the subdivision being served by the road.

Sale Name: Beetlejuice Salvage

TRAFFIC CONTROL PLAN AND SPECIFICATIONS - BT6.33 Safety (continued)

Part II. Specific Requirements:

Sign #1 "Logging Operations Next 11 Miles" will be posted at end of county road 65 and beginning of Forest Service 6500. This sign to be posted at the junction of 6506 and 6500 facing west.

"'Logging Operations Next 6 Miles" will be posted at the junction of 6700 and 6500. Road 6500 will be open for recreation use, flaggers will be needed to control traffic during loading operations when road is blocked.

"Logging Operations Next 5 Miles" will be posted at the junction of 6700 and 6701.

"Logging Operations Next 1 Mile" will be posted at the junction of 6404 and 6404311.

Sign #3 "For Logging Use Only" will be posted at the intersections of 6501,6502,6504,6506,6701,6404311.

Sign #4 "TRUCKS" will be posted at end of County Rd 65 and beginning of 6500000: junction of 6404 and 6404311: junction 6701 and 6700: junction 6500 and 6700.

Sign #5 "END LOGGING OPERATIONS" post in conjunction with Sign #1, sign #5 will face in oposite direction.

Sign #6 "Tree Falling Ahead" is required 200 feet in advance of falling operations along 6500,6501,6502,6504,6506,6701,6700 and 6404311.

Sign #7 "Road Machinery Ahead" will be required 200 feet in advance of road maintenance operations on roads listed in CT5.31# for pre/ post haul work on 6500, 6701,6504 and 6404311.

Purchaser and Forest Service agree to the above stated requirments of the Traffic Control Plan:

Name	Name
Title	Title
Date	Date

USDA - FOREST SERVICE
Stewardship: N

REPORT OF TIMBER SALE
APPRAISAL SUMMARY CCF

R6-FS-2400-17 (04/10)
Version 1331 (TEA 08-13)

Region:	06	Sale Name:	beetlejuice salvage	Appraisal Date:	09/03/13
Forest:	17 Okanogan-Wenatchee	Sale Number:	13708	Base Period Ending:	06/30/13
District:	07 Wenatchee River	Appraise to:	Snohomish, wa	Competition Factor:	10%
Salvage:	Y	Appraiser:	rfw/dp	Essential KV Cost:	0

SELLING PRICES	1	2	3	4	5	6	7	Average	Total
1. Species	D-fir	P Pine	GBCvNS						
2. Species Code	204	122	2						
3. Product/Unit	01-03	01-03	20-03						
4. Volume	620	175	20						815
5. Base Period Price	44.52*	20.19	57.00*					39.60	
6. Base Period Index	197.62	244.29	78.00					204.71	
7. Current Index	192.26	240.29	78.00					199.77	
8. Rapid Market Adj	10.40	2.60						8.47	
9. Market Adj BP Price	49.56	18.79	57.00					43.14	
10. Unusual Adjustment	3.50	3.50	3.50					3.50	
11. GBCv-Nonsaw Adj			-171.52					-4.21	
12. Product Quality Adj									
13. Adj Base Period Price	53.06	22.29	-111.02					42.43	34,577.55

COSTS	Zone Avg Cost/UM	Est Sale Cost/UM	Adj to BP Cost	ROADS	Km	Miles	Cost
14. Stump to Truck	105.55	126.92	-21.37	Specified Road Con			
15. Haul/Scale	55.30	58.27	-2.97	Specified Road Rec			
16. Road Maintenance	4.82	9.91	-5.09	Temporary Road Con			
17. Contract	5.36	2.80	2.56	Haul Miles		97	
18. Development & Other	.49		.49				
19. Road Const & Recon				Br Disp/UM	Rd Mtc/UM		C(T)5.213#
20. Total (lines 14-19)	171.52	197.90	-26.38	DEPOSITS:	2.64		

ADVERTISED RATES	1	2	3	4	5	6	7	Average	Total
21. Predicted Bid Rate	26.68	-4.09	-137.40					16.05	13,077.85
22. Competition Adjustment	2.67	-.41	-13.74					1.61	1,308.85
23. Property Value									
24. Indicated Adv Rate	24.01	-3.68	-123.66					14.44	11,769.00
25. Base Rate	3.00	1.00	.25					2.50	2,040.00
26. Adjustment	-5.32	4.68	123.91						-1.20
27. Advertised Rate	18.69	1.00	.25					14.44	11,767.80

CCF to MBF Rate Factors:	1.5578	1.4000	2.0000	1.5291	
CCF to MBF Volume Factors:	.6419	.7143	.5000	.6540	
MBF to CCF Index Factors:	.52	.52	.52		
CCF Base Index for A(T)5a:					
CCF Wtd Avg Del Log Price:	241.47	235.71			
MBF Volume:	398	125	10		533
MBF Base Index for A(T)5a:					
MBF Advertised Rate:	29.12	1.40	.50	22.08	11,769.76

DEPOSITS/MBF BD: RM: 4.04

CT2.11# - TIMBER SUBJECT TO AGREEMENT *(01/2003)*

In addition, there is within Sale Area an unestimated quantity of:

Species	Product
Miscellaneous	**Grn Bio Cv**

that shall be Included Timber upon written agreement.

CT2.3# - RESERVE TREES *(01/2004)*

Notwithstanding the designations for cutting under BT2.31, BT2.32, BT2.33, or BT2.34, live or dead **Genetic and wildlife** reserve trees or groups of reserve trees within such cutting units or clearings shall be left uncut. Reserve trees are identified by **trees are painted with a wide band of orange paint at diameter breast height and posted with yellow metal tag (R6-24-11) "Selected Tree for Genetics", wildlife trees are painted with orange " W" above and below stump height.** and shall be protected in accordance with CT6.32#. Units with reserve trees are shown on Sale Area Map.

CT2.35# (OPTION 1) - INDIVIDUAL TREE DESIGNATION *(06/2008)*

All **Trees to be removed will have blue paint somewhere along their length and a blue butt mark .** which meet the minimum tree diameter stated on Page 1 are designated for cutting. Additional timber to be cut, if any, will be designated for cutting in accordance with BT2.37.

Leave trees, Marked with
downed trees will have Orange W's on them indicating to leave these in place. Some trees will also have orange on the bole, indicating as leave trees or to not cut beyond that point on the bole, in the case of hazard parts of trees within Riparian Reserves. , or identified by **n/a** , are not to be cut, unless designated by the Forest Service.

CT4.211 - DOWNPAYMENT *(02/2008)*

The downpayment amount shown on Page 1 may not be applied toward any other payment required under the provisions of this contract, except damages determined pursuant to BT9.4, transferred to other timber sales, or refunded until (a) stumpage value representing 25 percent of the total bid value of the timber sale is shown on Timber Sale Account to have been cut, removed, and paid for, or (b) the estimated value remaining to be cut and removed, as shown on Timber Sale Account, is equal to or less than the amount of the downpayment, or (c) if 36 CFR 223.49(e) is applicable, the estimated value remaining to be cut and removed, as shown on Timber Sale Account, is equal to or less than the amount of the downpayment. For lump sum timber sales, the downpayment may be applied to payment for release of the single payment unit.

If Forest Service makes a determination that this contract should not have been included under increased downpayment requirements (36 CFR 223.49(e)), the downpayment shall be revised and applied in accordance with 36 CFR 223.49(f).

CT4.212 - TEMPORARY REDUCTION OF DOWNPAYMENT *(08/2009)*

Notwithstanding BT4.211 or CT4.211, upon the Purchaser's written request Forest Service may temporarily reduce the downpayment when Purchaser's scheduled operations are delayed or interrupted for 30 or more consecutive days, or the contract term is extended for 30 or more consecutive days for any of the following reasons:

(1) Forest Service requests or orders Purchaser to delay or interrupt scheduled operations for reasons other than breach;

(2) Purchaser interrupts or delays scheduled operations to work on a sale designated by the Forest Service as in urgent need of harvesting; or

(3) An adjustment of the contract term authorized upon a determination of substantial overriding public interest, or an urgent removal contract term extension under 36 CFR 223.53.

When Purchaser is not cutting or removing timber under contract during a qualifying period of delay, interruption, or extension listed above the downpayment may be reduced to $1000 or 2 percent of the downpayment amount stated in the contract, whichever is greater. The Purchaser must restore the downpayment to the full amount stated in the contract within 15 days from receipt of the bill for collection and written notice from the Contracting Officer that the basis for temporarily reducing the downpayment no longer exists. Purchaser shall not cut or remove timber on a contract where the downpayment has been temporarily reduced until the downpayment amount stated in the contract is fully restored.

CT4.4 - PAYMENTS NOT RECEIVED *(08/2012)*

(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 Purchaser'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 BT4.218;

(iii) Damages pursuant to BT9.4;

(iv) Road use fees;

(v) Restoration of downpayment pursuant to BT4.22;

(vi) Periodic payments pursuant to BT4.213;

(vii) Extension Deposits pursuant to BT4.217; 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 BT9.3. 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 Purchaser'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 Purchaser's Operations, and administrative offset, shall be stayed for so long as:

(i) A bona fide dispute exists as to Purchaser's obligation to make such payment and

(ii) Purchaser files and prosecutes a timely Claim.

CT5.31# - ROAD MAINTENANCE REQUIREMENTS *(01/2003)*

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

See Contract Road Maintenance Requirements Summary Table.

TABLE PURSUANT TO CT5.31# - ROAD MAINTENANCE REQUIREMENTS *(07/2001)*

Contract Road Maintenance Requirements Summary

Road	Termini		Miles	Applicable Pre-haul Road Maintenance Specifications							
	From	To		T-811	T-831	T-834	T-835	T-836	T-839	T-842	T-854
6404000	Jct. w/County Rd. 167	Jct. w/6404311	1.90								P
6404311	Jct. w/6404000	Jct. w/6404315	0.37						P	P	P
6404315	Jct. w/6404311	End of salvage	0.53						P	P	P
6500000	End of County Rd. C-868	End of pavement	9.80								P
6500000	End of pavement	End of salvage	1.50								P
6501000	Jct. w/6502000	End of salvage	0.20								P
6502000	Jct. w/6500000	Jct. w/6501000	1.00								P
6504000	Jct. w/6500000	End of salvage	4.10								P
6506000	Jct. w/6500000	Jct. w/6506115	0.40								P
6700000	Jct. w/6500000	End of salvage	1.20								P
6701000	Jct. w/6700000	End of salvage	4.80								P

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

TABLE PURSUANT TO CT5.31# - ROAD MAINTENANCE REQUIREMENTS *(07/2001)*

Contract Road Maintenance Requirements Summary

Road	Termini		Miles	Applicable During-haul Road Maintenance Specifications							
	From	To		T-811	T-831	T-834	T-835	T-836	T-839	T-842	T-854
6404000	Jct. w/County Rd. 167	Jct. w/6404311	1.90		P	P		P			P
6404311	Jct. w/6404000	Jct. w/6404315	0.37						P		P
6404315	Jct. w/6404311	End of salvage	0.53						P		P
6500000	End of County Rd. C-868	End of pavement	9.80		P	P					P
6500000	End of pavement	End of salvage	1.50	P	P	P					P
6501000	Jct. w/6502000	End of salvage	0.20	P	P	P					P
6502000	Jct. w/6500000	Jct. w/6501000	1.00	P	P	P					P
6504000	Jct. w/6500000	End of salvage	4.10	P	P	P					P
6506000	Jct. w/6500000	Jct. w/6506115	0.40	P	P	P		P			P
6700000	Jct. w/6500000	End of salvage	1.20	P	P	P					P
6701000	Jct. w/6700000	End of salvage	4.80	P	P	P					P

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

TABLE PURSUANT TO CT5.31# - ROAD MAINTENANCE REQUIREMENTS *(07/2001)*

Contract Road Maintenance Requirements Summary

Road	Termini		Miles	Applicable Post-haul Road Maintenance Specifications							
	From	To		T-811	T-831	T-834	T-835	T-836	T-839	T-842	T-854
6404000	Jct. w/County Rd. 167	Jct. w/6404311	1.90		P	P		P			
6404311	Jct. w/6404000	Jct. w/6404315	0.37				P		P		
6404315	Jct. w/6404311	End of salvage	0.53				P		P		
6500000	End of County Rd. C-868	End of pavement	9.80		P	P					
6500000	End of pavement	End of salvage	1.50	P	P	P					
6501000	Jct. w/6502000	End of salvage	0.20	P	P	P					
6502000	Jct. w/6500000	Jct. w/6501000	1.00	P	P	P					
6504000	Jct. w/6500000	End of salvage	4.10	P	P	P					
6506000	Jct. w/6500000	Jct. w/6506115	0.40	P	P	P		P			
6700000	Jct. w/6500000	End of salvage	1.20	P	P	P					
6701000	Jct. w/6700000	End of salvage	4.80	P	P	P					

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

ROAD MAINTENANCE REQUIREMENTS SPECIFICATION TABLE
PURSUANT TO CT5.31# - ROAD MAINTENANCE REQUIREMENTS (07/2001)

1			2	3			4	5	6			7	8	9	
Road No.	Termini From	Termini To	Special Project Specifi-cation	Travel Way			Brushing And Log Out	Surfacing	Dust Abatement			Seasonal Mainte-nance	Snow Removal	Post Haul	
				Width	X Slope	Comp			Product	Applic. Rate	Width			Block	Treat
6404000	Jct. w/County Rd. 167	Jct. w/6404311		EX	AI										PR
6404311	Jct. w/6404000	Jct. w/6404315	T-835-01F	EX	AI		2(L),2(R),OPT					W,B		PR	PR
6404315	Jct. w/6404311	End of salvage	T-835-01F	EX	AI		2(L),2(R),OPT					W,B		PR	PR
6500000	End of County Rd. C-868	End of pavement													PR
6500000	End of pavement	End of salvage		EX	AI										PR
6501000	Jct. w/6502000	End of salvage		EX	AI										PR
6502000	Jct. w/6500000	Jct. w/6501000		EX	AI										PR
6504000	Jct. w/6500000	End of salvage		EX	AI										PR
6506000	Jct. w/6500000	Jct. w/6506115		EX	AI										PR
6700000	Jct. w/6500000	End of salvage		EX	AI										PR
6701000	Jct. w/6700000	End of salvage		EX	AI										PR

ROAD MAINTENANCE REQUIREMENTS SPECIFICATION CODES TABLE PURSUANT TO CT5.31# - ROAD MAINTENANCE REQUIREMENTS (07/2001)

Column No.	**Heading**	**Entry**	*Explanation*
	Any	Blank	Except as otherwise described, no entry indicates Purchaser is not authorized or required to perform the work item(s).
	Any	RC	This work requirement applies only when haul of sale related construction materials occurs.
2	Special Project Specification	Number	Entry indicates Special Project Specification which applies.
3	Travel Way	EX	Purchaser shall maintain the traveled way to the width existing upon entry, or at the completion of Specified Road work.
		Numbers	Purchaser shall maintain the traveled way to the standard width indicated by the entry, plus curve widening, in accordance with Section T-811. If required, the road template shall be shaped to this width and to the designated cross slope before haul and during recurring maintenance.
		IS, C, OS, F, or AI	Cross slopes are designated as: IS (Inslope), C (Crown), OS (Outslope), F (Flat), AI (As Is).
		A or B	If compaction is required.
4	Brush and Log Out	Numeric & R and or L	Purchaser shall remove brush for specified width on either or both the right (R) side or left (L) side of road.
		As Staked	Limits of brushing are as staked or marked in the field.
		OPT	Purchaser may use hand or mechanical means of brushing.
		H	Only hand brushing may be used.

ROAD MAINTENANCE REQUIREMENTS SPECIFICATION CODES TABLE PURSUANT TO CT5.31# - ROAD MAINTENANCE REQUIREMENTS (07/2001)

Column No.	**Heading**	**Entry**	*Explanation*
5	Surfacing	Aggregate Grading	Purchaser shall place surfacing on roads listed according to the grading indicated.
		D	Purchaser is to make deposits for listed road maintenance, including surface rock replacement.
6	Dust abatement	OPT	Product selection is Purchaser's choice from those listed in Section T-812.
		Product Abbr.	Unless otherwise agreed, Purchaser is restricted to product listed corresponding to the abbreviation shown in Section T-812; (i.e., LigS = Lignon Sulfonate) Application rates are estimated amounts.
		EX	Purchaser shall abate dust on the existing width
		Numbers	Purchaser shall abate dust to the width indicated by entry.
7	Seasonal Maintenance	W	Waterbars and/or crossditching shall be required prior to expected seasonal precipitation.
		B	Entrance barriers shall be installed by Purchaser prior to nonuse periods.
8	Snow Removal	TS	Snowplowing authorized for Purchaser's Operations without recreation access being provided per Section T-803 requirements.
		JU	Snowplowing authorized, but must provide for recreation joint use per Section T-803 requirements.
		Blank	Snowplowing is not authorized. Forest Service may authorize plowing by permit when not in conflict with other uses.
9	Post Haul	PR	PR denotes that work is Purchaser's Responsibility to perform.

CT5.32# - ROAD MAINTENANCE DEPOSIT SCHEDULE *(01/2004)*

Other provisions herein notwithstanding, when Forest Service requests payment in lieu of Purchaser's performance of road maintenance, Purchaser 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 Purchaser's commensurate use of each road listed in the Road Maintenance Plan in CT5.31#.

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

The Required Deposits for Forest Service work in lieu of Purchaser performance and for deferred maintenance is: $
$2.64 per **CCF** .

The following table lists who Purchaser 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
N/A		

CT6.315# - SALE OPERATION SCHEDULE *(04/2003)*

Unless otherwise agreed to in writing between Purchaser and Forest Service, Purchaser's Operations shall be performed in accordance with the following schedule.

See attached schedule.

SCHEDULE PURSUANT TO CT6.315# - SALE OPERATION SCHEDULE (06/1994)

Payment Unit	Operating Conditions	Purpose
1	Volume between that segment of Payment Unit 1 from gate on 6500 to junction with 6700 road required to be removed by October 1.	Remove heaviest concentration of Douglas-fir blow down this fall to prevent early spring emergence of Douglas-fir bark beetles.
1,2	All volume removed by June 1, 2014.	Remove Douglas-fir blowdown before Douglas-fir bark beetles emergence in late spring.
1	No salvage operations from March 15 - July 31 within ¼ mile of spotted owl nest activity	Protect spotted owl during breeding season.
1	No logging operations including hauling on weekends.	Allow recreational travel to trailheads and campgrounds.
1	In Late successional Reserve in Little Wenatchee (which begins above Line Creek) dead trees are not to be including for cutting unless the tree is a safety hazard to Purchaser's operation. If tree is safety hazard it may be cut but not removed unless tree falls within 150 feet of the road. If the tree is in a riparian area it may be cut but not removed.	Requirement to maintain snag levels for late successional species.

CT6.32# - PROTECTION OF RESERVE TREES *(01/2004)*

Purchaser's damage or destruction of reserve trees described in CT2.3# 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, in the event reserve trees are damaged or destroyed by Purchaser's Operations, Purchaser shall pay as fixed, agreed, and liquidated damages $ **500.00** for each **Genetic** reserve tree and $ **500.00** for each **wildlife** reserve tree damaged or destroyed in addition to amounts payable under BT3.44 and BT3.45.

Damage, as used herein, includes any injury to the living crown, bole, or 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.

CT6.405 - ALTERNATE REMOVAL OF INCLUDED TIMBER *(05/2005)*

Purchaser and Forest Service may agree to alternate removal requirements of Included Timber contained on Page 1. Alternate removal requirements are to be set forth in an agreement signed by both Purchaser and Contracting Officer. The terms of the agreement binds both parties and becomes part of the timber sale contract.

The development and execution of the agreement is based upon the determination by the Contracting Officer that removal of Included Timber is economically impractical if Purchaser has no ready market for such logs in the tributary area. A tributary area is defined as the area in which the Purchaser and competitors regularly deliver saw logs, or 200 miles from the Sale Area, whichever distance is greater.

The agreement for alternate removal requirements shall be executed prior to removing any timber from the Payment Units included in the agreement. Alternate removal requirements shall apply only to whole units and not to portions of units. All material meeting alternate removal specifications shall be cut and removed to locations designed in the agreement.

Volumes of material with alternate removal requirements will be determined from the National Cruise report for the sale. Purchaser will be charged for the following:

a) stumpage value at current contract rates of the alternatively removed timber;
b) plus the cost of other work required by the Forest Service to dispose of alternatively removed material;
c) plus the difference between the appraised transportation cost of the Sawtimber and/or Nonsawtimber material involved and the appraised transportation cost of the alternative.
d) Minus any work required to be completed by the Purchaser associated with alternate removal requirements.

Charges will be debited to the Purchaser's timber sale account.

Upon acceptance of the alternate removal requirements, the Payment Unit will be removed from the Sale Area under BT6.36.

Title to material included in the alternate removal agreement shall remain with the Forest Service.

CT6.41# - SPECIFIC REQUIREMENTS *(04/2003)*

Notwithstanding BT6.41, BT6.411, BT6.5, and BT6.61, felling objectives shall be accomplished by the type of felling methods and equipment listed herein. Methods or equipment other than those specified may be approved. For Payment Units shown in the following table, Purchaser shall submit a cutting plan for Forest Service acceptance, prior to the start of felling operations.

See attached table.

TABLE PURSUANT TO CT6.41# - SPECIFIC REQUIREMENTS (01/2000)

FELLING METHODS	**PAYMENT UNITS**
Directional falling will be required away from stream courses identified on the Sale Area Map for stream course protection.	1
Directionally fall timber toward the angle of the skid.	1,2
Directionally fall away from improvements in campgrounds.	1

FELLING EQUIPMENT	**PAYMENT UNITS**
Chainsaw and wedges or tree jacks if needed	1,2

CT6.42# - YARDING/SKIDDING REQUIREMENTS *(06/2010)*

Purchaser shall submit for Forest Service approval a Yarding/Skidding Plan prior to the start of felling operations. Requirements other than those specified in the following table may be approved. When appropriate, such approval shall include adjustments in Current Contract Rates and revision of the Sale Area Map. In no case shall the adjustments result in Current Contract Rates less than Base Rates.

Location of all skid roads and trails, tractor roads, skyline corridors, mechanized harvester trails, forwarder roads, and other log skidding facilities, shall be approved prior to their use or construction.

See attached table for requirements.

TABLE PURSUANT TO CT6.42# - SKIDDING REQUIREMENTS (01/2000)

TRACTOR WINCH SKIDDING	PAYMENT UNITS
Skidding machine will be confined to existing road system and winch line will be pulled up to 150 feet to logs designated for removal on either side of the road. Trees or portions of trees will be winched back to main road.	1,2
Operator will protect asphalt road surface during harvest operations.	1

CT6.7 - SLASH DISPOSAL *(06/2008)*

As used in the following Subsections, the term "slash" is vegetative debris including, but not limited to, cull logs, blasted or pushed-out stumps, chunks, broken tops, limbs, branches, rotten wood, damaged brush, damaged or destroyed reproduction, saplings or poles, resulting from Purchaser's Operations.

Any burning of slash or refuse by Purchaser is subject to CT7.201.

Forest Service may agree to substitute methods of slash disposal if such substitute methods will give equally satisfactory results.

Forest Service may waive specific slash treatment requirements. Purchaser's Timber Sale Account will be charged for any slash treatment requirements waived or for work taken over by Forest Service. The amount of such charges will be determined by Forest Service if Purchaser has not begun felling operations. If felling operations have begun, charges will be determined by mutual agreement.

Forest Service may enter into a written agreement with the Purchaser for the Purchaser to complete slash disposal work originally scheduled to be done by the Forest Service. The agreement will describe the work to be completed by the Purchaser, and the value of such work. Value of the work to be done will be based upon the slash disposal plan in which the cooperative deposits were calculated, and will include Forest Service overhead. Any deposits paid by the Purchaser for this work will be credited to the Purchaser¿s timber sale account. This work is in addition to that required by CT6.74#.

Forest Service may also enter into a written agreement with Purchaser for the Purchaser to remove slash from landings, subject to BT3.41. Brush disposal deposits paid by the Purchaser for the Forest Service to burn landing piles will be credited to the Purchaser's timber sale account in the amount shown in the brush disposal plan, less the amount needed by the Forest Service for final cleanup of the landings following removal of the landing slash piles by the Purchaser. The credit will be made following the final removal by the Purchaser of all Included Timber, and slash piles, from the Sale Area.

CT6.74# - SLASH TREATMENT REQUIREMENTS *(04/2003)*

Purchaser shall pile, burn, yard, construct firelines or otherwise treat slash defined in CT6.7 within designated areas. Work required of Purchaser shall be in accordance with the following slash plan and specifications, and the Sale Area Map.

Unless otherwise agreed, or shown in attached slash plan or specifications, when Included Timber is removed during Normal Operating Season, required slash work shall be completed within 30 days of removal of approximately three-quarters of the volume in the unit. When Included Timber is removed outside Normal Operating Season, required work will be completed within 30 days of the beginning of the next Normal Operating Season.

See following specifications.

SPECIFICATIONS PURSUANT TO CT6.74# -
SLASH TREATMENT REQUIREMENTS (08/2013)

TREATMENT of LOGGING SLASH

Treatment of slash is to include slashing, bucking, dispersion, commercial off site removal, chipping or hand piling. Slash must be at least 2 feet from the bole of live trees. Cull logs or pieces of logs, stumps, material too large to scatter or material that could create a safety hazard may be temporarily placed adjacent to the road to be hauled off-site.

Slash to be treated includes all material from 1 inch in diameter up to and including 4 inches in diameter and having a minimum length of 2 feet.

Location of Piles:

Temporary piles will not be located on road surface, or in ditches along 6500 road, unless approved by Forest Service. Material will not be placed within 50 feet of a live or intermittent stream channel.

Construction and Size of Temporary Piles:
Construct piles compactly. Height of piles shall not be less than 3 feet nor greater than 10 feet. Diameter of piles shall not be less than 4 feet nor greater than 8 feet. Before piling operations, buck down trees and logs into lengths not exceeding 8 feet. In so far as possible place all logs in piles so their length is at right angle to the contour of the slope. No ends protruding into the traveled way of the road.

CT6.8 - MEASURING *(04/2003)*

The estimated quantity of timber in AT2 was determined in advance of advertisement. Any timber subsequently added or deleted under BT2.13, BT2.14, BT2.31, BT2.32, BT2.33, BT2.34, BT2.35, or BT2.37 will be measured by the Forest Service and formulated using Forest Service Handbook 2409.12, Timber Cruising Handbook Standards, unless otherwise agreed to in writing.

CT6.81 - ACCOUNTABILITY *(04/2003)*

The following requirements are applicable to product removal permits:

1. Forest Service will issue to Purchaser or designated representative(s) serially numbered Product Removal Permit Books for use only on this sale. Product Removal Permit Books, whether used or unused, shall be returned to issuing Forest Service Office in accordance with instructions contained on cover of each book.

2. All permits shall be completed and attached to load by an individual named in writing, other than the truck driver, in accordance with the instructions on the inside cover of the Product Removal Permit Book. Product Removal Permit will be attached prior to removal from the immediate vicinity where loading is done. The permit will remain attached until the load is decked at the delivery point.

3. Purchaser shall require truck drivers to stop when requested by Forest Service for purposes of monitoring accountability when products are in transit. Methods to be used to alert drivers of an impending stop shall be agreed to in advance of hauling products.

CT6.84 (OPTION 1) - USE OF PAINT BY PURCHASER *(05/2005)*

Notwithstanding BT6.81, use of paint by the Purchaser within the Sale Area in the color(s) used by the Forest Service in the preparation of the sale and administration of the contract will be by written approval of the Forest Service.

CT7.1 - PLANS *(04/2003)*

The plan shall state how Purchaser's representative or alternates will be contacted in a fire emergency, both during periods of operation and at other times such as evenings or weekends. Purchaser shall certify compliance with specific fire precautionary measures included as Subsections under CT7.2 - Specific Fire Precautions, before beginning operations during Fire Precautionary Period (closed season) and shall update such certification when operations change.

If helicopter yarding is required, the plan shall include a schedule of rates mutually agreed to for computing Purchaser costs incurred toward meeting Purchaser's obligations on Page 1, or for paying for helicopters controlled by Purchaser and used under Forest Service direction for suppressing Operations Fires or other fires on Sale Area, excluding Negligent Fires.

CT7.2 - SPECIFIC FIRE PRECAUTIONS *(04/2003)*

When the industrial fire precautions level is I or higher, unless waiver is granted under CT7.22, specific required fire precautionary measures are as follows:

A. Fire Security.

Purchaser will designate in writing a person or persons who shall perform fire security services listed below on Sale Area and vicinity. The designated person will be capable of operating Purchaser's communications and fire fighting equipment specified in the contract, excluding helicopters, and of directing the activities of Purchaser's personnel on Forest fires. Such person must report any fire detected to Forest Service within 15 minutes of detection. In lieu of having the designated person perform the required supervisory duties, Purchaser may provide another person meeting the qualifications stated above to direct the activities of Purchaser's personnel and equipment during all fire fighting activities.

Services described shall be for at least 1 hour from the time Purchaser's Operations are shut down. For the purposes of this provision, personnel servicing equipment, and their vehicles, who are not engaged in cutting or welding metal are excluded.

Fire security services shall consist of moving throughout the operation area or areas constantly looking, reporting, and taking suppression action on any fires detected. Where possible, the designated person shall observe inaccessible portions of helicopter operating areas from vantage points within or adjacent to Sale Area.

Purchaser shall furnish fire security services based on the predicted industrial precaution level, obtained by Purchaser from the appropriate Ranger District Headquarters. If predictions made after 6:00 p.m. local time, are significantly different than originally estimated, Forest Service will inform Purchaser when changes in fire security services are indicated.

B. Fire Extinguishers and Equipment (on Trucks, Tractors Power Saws, etc.).

(a) Each yarder or loader equipped with an internal combustion engine or other spark emitting source shall be equipped with a readily accessible fire extinguisher, with an Underwriter's Laboratory (UL) Rating of at least 5 B,C.

(b) All power-driven equipment operated by Purchaser on National Forest land, except portable fire pumps, shall be equipped with one fire extinguisher having a UL rating of at least 5 B,C and one "D" handled or long handled round point shovel, size O or larger. In addition, each motor patrol, truck and passenger-carrying vehicle shall be equipped with a double-bit axe or Pulaski, 3-1/2 pounds or larger.

(c) Equipment required in (a) and (b) shall be kept in a serviceable condition and shall be readily available.

(d) Each gasoline power saw operator shall be equipped with a pressurized chemical fire extinguisher of not less than 8-ounce capacity by weight, and one long handled round point shovel, size O or larger, except at a landing where a suitable fire extinguisher and shovel are immediately available. The extinguisher will be kept in possession of the saw operator at all times. The shovel shall be accessible to the operator within 1 minute.

(e) Each helicopter shall be equipped with one fire extinguisher having a UL rating of at least 5 B,C mounted inside the aircraft within reach of the pilot's operating position.

(f) One refill for each type or one extra extinguisher sufficient to replace each size extinguisher required on equipment shall be safely stored in the fire tool box or other agreed upon place on Sale Area that is protected and readily available.

(g) At each area where helicopters are being serviced or supplied, a carbon dioxide fire extinguisher with a UL rating of at least 20 B,C will be provided on the site and placed where it is available for immediate use.

C. Spark Arrestors and Mufflers.

Each internal combustion engine shall be equipped with a spark arrester qualified and rated under USDA Forest Service Standard 5100-1a as shown in the National Wildfire Coordination Group Spark Arrester Guide, unless it is:

(a) Equipped with a turbine-driven exhaust supercharger such as the turbocharger. There shall be no exhaust bypass.

(b) A multi-position engine, such as on power saws which must meet the performance levels set forth in the Society of Automotive Engineers (SAE) "multi-positioned small engine exhaust fire ignition standard, SAE recommended practice J335B" as now or hereafter amended.

(c) A passenger carrying vehicle or light truck, or medium truck up to 40,000 GVW, used on roads and equipped with a factory designed muffler complete with baffles and an exhaust system in good working condition.

(d) A heavy duty truck, such as a dump or log truck, or other vehicle used for commercial hauling, used only on roads and equipped with a factory designed muffler and with a vertical stack exhaust system extending above the cab.

Exhaust equipment described in this Subsection, including spark arresters and mufflers, shall be properly installed and constantly maintained in serviceable condition.

D. Fire Tools.

Purchaser shall furnish serviceable fire fighting tools in a readily accessible fire tool box or compartment of sound construction with a hinged lid and hasp so arranged that the box can be secured or sealed. The box shall be red and marked "Fire Tools" in letters at least 1 inch high. It shall contain a minimum of:

(a) Two axes or Pulaskis with a 32 inch handle.

(b) Three adze eye hoes. One Pulaski may be substituted for one adze eye hoe.

(c) Three long handled, round point shovels, size 0 or larger.

E. Tank Truck.

Purchaser shall provide a tank truck or trailer, containing not less than 300 gallons of water, during yarding, skidding, loading, land clearing, right-of-way clearing, mechanical falling, and mechanical treatment of slash. Such tank truck or trailer shall be maintained in a serviceable condition and located within 10 minutes, round trip, from each operating side during Fire Precautionary Period (closed season), except as provided under BT7.21.

The tank truck or trailer shall be equipped with a pump capable of discharging 20 gallons of water per minute, using a 1/4 inch nozzle tip, through a 50 foot length of rubber or poly lined hose. In addition, 500 feet of serviceable hard rubber poly or rubber lined or FJRL hose of not less than 1 inch outside diameter, fitted with a nozzle capable of discharging a straight stream of 1/4 inch diameter and a spray pattern shall be immediately available for use. The tank, pump, nozzle and at least 250 feet, of the total 500 feet of hose, shall be connected and ready for use at all times. Synthetic hoses may be used by

agreement.

If a trailer is used, it shall be equipped with a hitch to facilitate prompt movement. A serviceable tow vehicle shall be immediately available for attachment to the trailer and must meet the time requirements stated above. Such truck or trailer shall be equipped to operate for a minimum of 8 hours.

Where designated on Sale Area Map, Purchaser shall provide a tank trailer or water source and pumping equipment, including accessories, which can be lifted and transported by the yarding system. The component parts shall meet all specifications above. The tank trailer or water supply and pumping accessories shall be deliverable to a fire, in area of operations, within 15 minutes of detection.

In lieu of the above tank trailer or water supply for helicopter operations, Purchaser may provide a suitable helicopter water bucket with a 300 gallon capacity. When Purchaser provides a water bucket, a water source shall be provided within 5 minutes round trip flight time from operating side.

F. Communications.

During Purchaser's Operations, excluding powersaw falling and bucking, Purchaser shall provide adequate two-way communication facilities to report a fire to Forest Service within 15 minutes of detection. Citizen band radios (CB's) are not considered adequate two-way communications because FCC Regulations prohibit commercial use.

G. Smoking and Open Fire Restrictions. Smoking and fires shall be permitted only at the option of Purchaser. Purchaser shall not permit open fires on Sale Area without advance permission in writing from Forest Service.

H. Blasting.

Blasting shall be permitted only for road construction purposes unless advance permission is obtained from Forest Service.

Whenever the Industrial Fire Precaution Level is II or greater, a fire security person equipped with a long handled round point No. 0 or larger shovel and a 5 gallon backpack pump can filled with water, will stay at location of blast for 1 hour after blasting is done. Blasting may be suspended by Forest Service, in areas of high rate of spread and resistance to control.

Fuses shall not be used for blasting. Explosive cords shall not be used without permission of Forest Service, which may specify conditions under which such explosives may be used and precautions to be taken.

I. Compliance with State Fire Laws.

Listing of specific fire precautionary measures in the foregoing Subsections is not intended to relieve Purchaser in any way from compliance with State fire laws covering fire prevention and suppression equipment, applicable to Purchaser's Operations.

J. Aircraft Communications.

Every aircraft used in conjunction with Purchaser's Operations shall be equipped with an operable radio system. The radio system shall be capable of transmitting and receiving on VHF frequency 122.85 Megahertz (MHz) with a minimum output of 5 watts at the transmitter. The system shall be located and installed so that the pilot can operate it while flying. A shielded all-weather broad-band antenna shall be part of the system. Radio and antenna shall be properly installed and maintained.

Upon discovery or notification of a fire on Sale Area, all aircraft pilots controlled by Purchaser shall monitor VHF frequency 122.85 MHz when within 5 miles of a fire and broadcast their intentions.

K. Logging Block Equipment.

Purchaser shall provide a serviceable 5 gallon backpack pump full of water, one axe, and one long handled round point shovel, size 0 or larger, at each haulback block through which a running line passes.

The area below such blocks must be kept clear of all flammable debris under 4 inches in diameter for a distance of 6 feet in all directions. Material larger than 4 inches that poses a fire risk, such as punky logs, must also be removed.

Purchaser shall avoid line-rub on rocks or woody material which may result in sparks or sufficient heat to cause ignition of fire.

CT7.201 - BURNING BY PURCHASER *(04/2003)*

Notwithstanding the Fire Precautionary Period limitation of BT7.2, the Purchaser is required to obtain written permission from the Forest Service prior to any burning on National Forest Lands.

CT7.22 - EMERGENCY FIRE PRECAUTIONS *(04/2003)*

Purchaser shall restrict operations in accordance with the Industrial Fire Precaution Levels attached. Forest Service may change the Industrial Fire Precaution Levels to other values upon revision of the National Fire Danger Rating System and may change the specific Industrial Fire Precaution Levels when such changes are necessary for the protection of the National Forest. When sent to Purchaser, the revised Industrial Fire Precaution Levels will supersede the attached levels.

INDUSTRIAL FIRE PRECAUTIONS SCHEDULE

LEVEL	INDUSTRIAL FIRE PRECAUTION
I.	Closed Season - Fire precaution requirements are in effect. A Fire Watch/Fire Security is required at this and all higher levels unless otherwise waived.
II.	Partial Hootowl - The following may operate only between the hours of 8 p.m. and 1 p.m. local time: power saws, except at loading sites; cable yarding; blasting; welding or cutting of metal.
III.	Partial shutdown - The following are prohibited: cable yarding - except that gravity operated logging systems employing non-motorized carriages may be operated between the hours of 8 p.m. and 1 p.m. local time when all blocks and moving lines are 10 feet or more above the ground, excluding the line between the carriage and the choker. power saws - except at loading sites and on tractor/skidder operations between the hours of 8 p.m. and 1 p.m. local time. In addition, the following are permitted between the hours of 8 p.m. and 1 p.m. local time: tractor, skidder, feller-buncher, forwarder, or shovel logging operations where tractors, skidders or other equipment with a blade capable of constructing fireline are immediately available to quickly reach and effectively attack a fire start; mechanized loading and hauling; blasting; welding or cutting of metal; any other spark-emitting operation not specifically mentioned.
IV.	General shutdown - All operations are prohibited.

The following definitions shall apply to these Industrial Fire Precaution Levels:

Cable yarding systems: A yarding system employing cables and winches in a fixed position.

Closed Season (Fire Precautionary Period): That time period each year when a fire hazard exists as described in AT14.

Hauling: Where hauling involves transit through more than one shutdown zone/regulated use area, the precaution level at the woods site shall govern the level of haul restrictions, unless prohibited by other than the Industrial Fire Precaution Level system.

Loading sites/woods site: A place where any product or material (including but not limited to logs, firewood, slash, soil, rock, poles, posts, etc.) is placed in or upon a truck or other vehicle.

Advance written waiver of the above precautions may be issued by the Contracting Officer or Forest Service Representative.

Such waiver, or substitute precautions under BT7.21, shall prescribe measures to be taken by Purchaser to reduce the risk of ignition, and/or the spread of fire. The Contracting Officer or Forest Service Representative shall consider site specific weather factors, fuel conditions, and specific operations that result in less risk of fire ignition and/or spread than contemplated when precaution level was predicted. Consideration shall also be given to measures that reduce the precaution levels above. Purchaser shall assure that all conditions of such waivers or substitute precautions are met.

Purchaser shall obtain the predicted Industrial Fire Precaution Level from the appropriate Ranger District headquarters. If predictions made after 6:00 p.m., local time, are significantly different than originally estimated, Forest Service will inform Purchaser when changes in restrictions or industrial precautions are indicated.

CT8.13 - DISCLAIMER OF EXPRESSED OR IMPLIED WARRANTY *(09/2004)*

Purchaser and Forest Service hereby agree, acknowledge, and accept that there is no expressed or implied warranty provided by the Forest Service that guarantees the Purchaser will be allowed to complete the removal of products sold under the terms of the contract. Upon execution of the contract, Purchaser hereby acknowledges the acceptance of the risk that this contract is subject to interruption or termination as a result of litigation associated with the environmental analysis process used by the Forest Service in the planning of this timber sale. If such interruption or termination occurs due to litigation, Purchaser agrees to accept as full compensation for such interruption remedies pursuant to BT8.33, or for termination remedies pursuant to BT8.34.

CT8.65# (Option 1) - USE OF TIMBER *(01/2004)*

(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 **NONE.** 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 Purchaser or any person as defined in the Act (16 USC 620e).

(c) Timber in the following form will be considered unprocessed:

(i) Trees or portions of trees or other roundwood not processed to standards and specifications suitable for end product use;

(ii) Lumber, construction timbers, or cants intended for remanufacturing not meeting standards defined in the Act (16 USC 620e); and

(iii) 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, Purchaser 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 Purchaser or affiliates.

(f) Prior to delivering unprocessed Included Timber to another party, Purchaser shall require each buyer, exchangee, or recipient to execute an acceptable agreement that will:

(i) Identify the Federal origin of the timber;

(ii) Specify domestic processing for the timber involved;

(iii) Require the execution of such agreements between the parties to any subsequent transactions involving the timber;

(iv) 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

(v) 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 Purchaser and another party, Purchaser shall furnish to Forest Service a copy of each such agreement. Purchaser 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 Purchaser relating to the termination.

BEETLEJUICE SALVAGE
TIMBER SALE AREA MAP
OKANOGAN WENATCHEE NATIONAL FOREST
WENATCHEE RIVER RANGER DISTRICT
T.27N.,R.15E., Sections 3,4,5,6,9,10,11,12,13,15
T.27N.,R.16E., Sections 16,17,18
T.28N.,R.14E., Sections 25,36
T.28N.,R.15E., Sections 31,32
T.28N.,R.16E., Sections 30

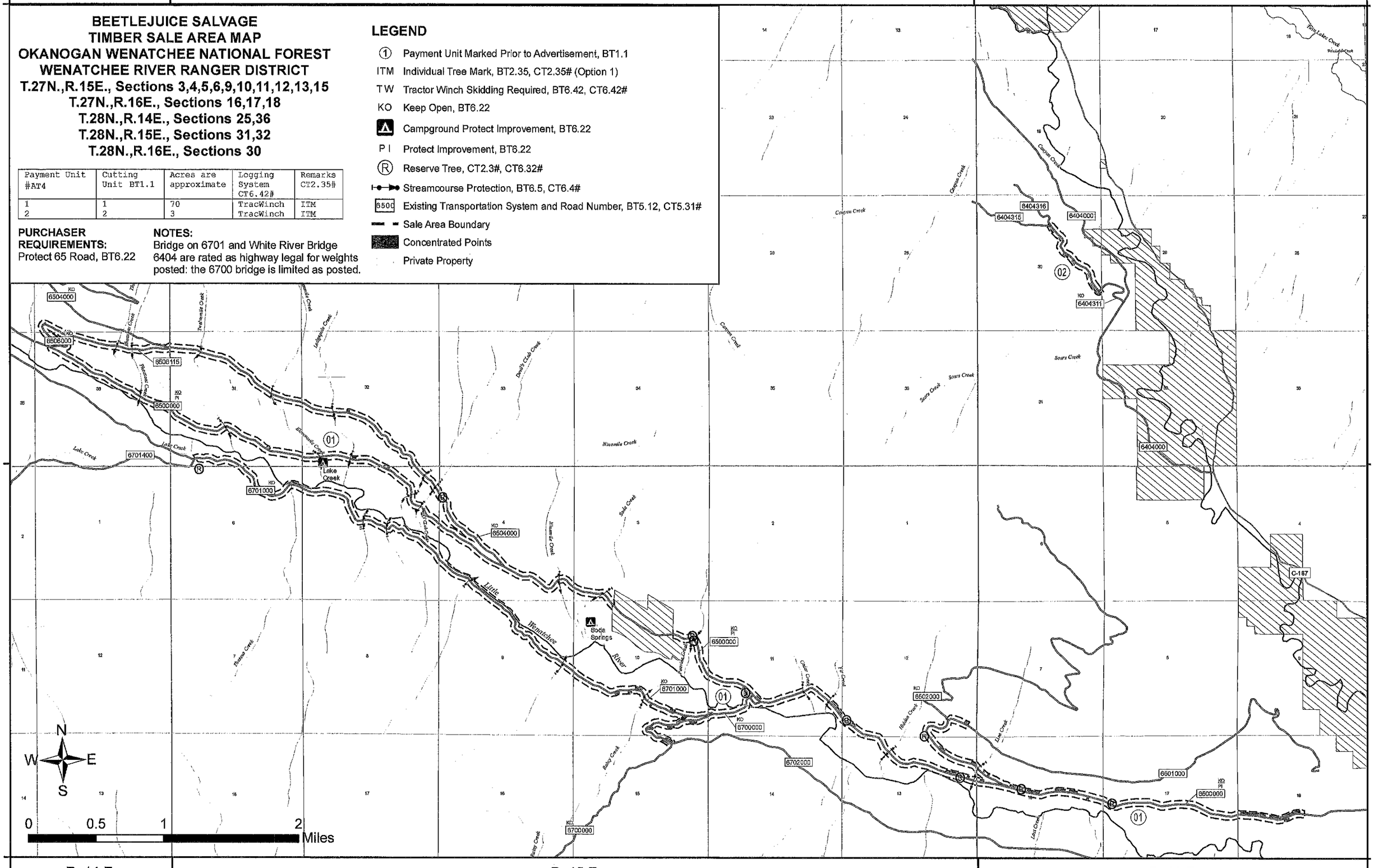
Payment Unit #AT4	Cutting Unit BT1.1	Acres are approximate	Logging System CT6.42#	Remarks CT2.35#
1	1	70	TracWinch	ITM
2	2	3	TracWinch	ITM

PURCHASER REQUIREMENTS:
Protect 65 Road, BT6.22

NOTES:
Bridge on 6701 and White River Bridge 6404 are rated as highway legal for weights posted: the 6700 bridge is limited as posted.

LEGEND

- (1) Payment Unit Marked Prior to Advertisement, BT1.1
- ITM Individual Tree Mark, BT2.35, CT2.35# (Option 1)
- TW Tractor Winch Skidding Required, BT6.42, CT6.42#
- KO Keep Open, BT6.22
- Campground Protect Improvement, BT6.22
- P I Protect Improvement, BT6.22
- (R) Reserve Tree, CT2.3#, CT6.32#
- Streamcourse Protection, BT6.5, CT6.4#
- 6500 Existing Transportation System and Road Number, BT5.12, CT5.31#
- Sale Area Boundary
- Concentrated Points
- Private Property



T-811 - BLADING (10/07)

811.01 Description

This work consists of surface blading the traveled way to a condition that facilitates traffic and provides proper drainage. Blading includes shaping the crown or slope of travel way, berms, and drainage dips in accordance with this specification. Compaction is required when shown on the ROAD LISTING.

811.02 Maintenance Requirements

A. Timing - Perform surface blading during the contract period as often as needed to provide conditions stated for the maintenance level of the road.

B. General

1. Blade and shape the existing traveled way and shoulders, including turnouts , to produce a surface which is uniform, consistent to grade, and crowned or cross-sloped as indicated by the character of the existing surface, unless otherwise shown in the ROAD LISTING, to at least 1/2 inch per 1 foot of width, but not more than 3/4 inch per 1 foot of width. Thoroughly loosen surfacing material to no less than 2 inches depth or the depth of potholes or corrugations. Scarification to facilitate cutting to the full depth of potholes or corrugations may be elected, but will be considered incidental to blading. Do not scarify to a depth that will cause contamination of the surfacing.

2. Apply water during blading when sufficient moisture is not present to prevent segregation. Supply, haul, and apply water in accordance with Section T-891.

3. Shape existing native rock or aggregate surfaced drainage dips to divert surface runoff to existing outlet devices, ditches, or discharge locations.

4. Establish a blading pattern which provides a uniform driving surface, retains the surfacing on the roadbed, and provides a thorough mixing of the materials within the completed surface width. Upon final blading, no disturbed rock shall protrude more than 2 inches above the adjacent surface unless otherwise provided in the contract. Remove and place outside the roadbed, material not meeting this dimension so as not to obstruct drainage ways or structures. This material may be scattered off the roadbed if there is free drainage.

5. Where DESIGNATED ON THE GROUND, included in the ROAD LISTING, SHOWN ON THE DRAWINGS or as ordered by the Contracting Officer invasive species of concern prevention practices shall be followed as listed below.

Invasive Species of Concern Prevention Practices
Road blading, brushing and ditch cleaning in areas with high concentrations of invasive species of concern will be done in consultation with the Sale Administrator incorporating invasive plant prevention practices recommended by the district invasive plant specialist.

C. Routine Blading

1. Conform to the dimensions SHOWN ON THE DRAWINGS or designated in the SUPPLEMENTAL SPECIFICATIONS upon completion of blading.

2. Shape roadbed width in excess of the dimensions shown only as needed to provide drainage away from the traveled way. Do not remove established grasses and other vegetation from the excess width except as incidental to providing drainage or unless otherwise provided in the contract.

D. Compaction

Roads requiring compaction will be included in the ROAD LISTING. Unless Compaction Method B is designated in the ROAD LISTING, all traveled ways requiring compaction may be compacted by Method A. Compaction shall commence immediately following blading.

Compaction methods are:

Compaction Method A: Breaking track while operating equipment on the traveled way.

Compaction Method B: 7-10 ton pneumatic, steel, or equivalent vibratory roller, operated to cover the full width two (2) times.

E. Undercutting - Undercutting roadway back slope is not permitted.

F. Intersections

1. At intersections, blade the roadbeds of side roads which are not closed or restricted from vehicular use to ensure smooth transitions.

2. Signing, cross ditching in the road surface (traveled way), earth berms, or other devices placed to discourage or eliminate use by passenger cars, are field evidence of road closure or restriction. Roads listed for work under Sections T-835, T-836, T-838, or T-839 are considered restricted.

3. Side roads listed for work under this Section are not restricted.

G. Cleaning of Structures - Do not allow materials resulting from work under this Section to remain on or in structures, such as bridges, culverts, cattle guards, or drainage dips.

H. Berms - Maintain existing berms to the condition of adjacent segments. Do not create new berms.

I. Smooth Blading - Smooth blading may be used as an interim measure to remove loose surfacing material from the wheel paths, and store removed materials in a recoverable windrow, until blade processing as described in this section is feasible. Watering will not be required for smooth blading. Accomplish smooth blading without distorting the existing cross-slope or crown of the traveled way.

Move and store loose surfacing materials on the high side of super-elevated curves and sections with uniform inslope or outslope. In crowned sections, store the material on either or both sides as elected. Windrow and place stored materials to provide not less than 12 feet of smooth traveled way on one-lane segments, or 20 feet of smooth traveled way on two-lane segments, or segments with turnouts. Cut holes through windrows, which may collect water on the road, for drainage at least every 500 feet.

T-831 - DITCH MAINTENANCE (10/07)

831.01 Description

This Section provides for routine maintenance of various types of ditches to provide a waterway which is unobstructed, as shown on the ROAD LISTING or DESIGNATED ON THE GROUND.

831.02 Maintenance Requirements

A. Maintain ditches by removing rock, soil, wood, and other materials. Maintained ditches shall function to meet the intent of the original design.

B. Undercutting backslopes during removal operations is not permitted.

C. Suitable material up to 4 inches in greatest dimension removed from the ditches may be blended into existing native road surface and shoulder or placed in designated berm.

D. Do not blend material from ditch cleaning operations into aggregate surfaced roads. Do not blade material across aggregate or bituminous surfaced roads, unless approved in writing by the Contracting Officer.

E. Haul material in excess of 831.02 D or subject to 831.02 E to a designated waste area under Section T-832. Remove excess materials temporarily stored on the ditch slope or edge of the shoulder daily.

F. Remove limbs and wood chunks in excess of 12 inches in length or 3 inches in diameter from ditches and place outside the roadway.

G. Clean paved surfaces of all materials resulting from ditch maintenance work.

H. Shape lead-off ditches to drain away from the traveled way.

I. Where DESIGNATED ON THE GROUND, included in the ROAD LISTING, SHOWN ON THE DRAWINGS or as ordered by the Contracting Officer invasive species of concern prevention practices shall be followed as listed below.

Invasive Species of Concern Prevention Practices
Ditch cleaning in areas with high concentrations of invasive species of concern will be done in consultation with the Sale Administrator incorporating invasive plant species practices recommended by district invasive plant specialist.

T-834 - DRAINAGE STRUCTURE MAINTENANCE (10/07)

834.01 Description

This work consists of cleaning and reconditioning culverts and other drainage structures.

834.02 Maintenance Requirements

A. Clean drainage structures, inlet structures, culverts, catch basins, and outlet channels specified in the SUPPLEMENTAL SPECIFICATIONS. Clean catch basins by removing the material within the area SHOWN ON THE DRAWINGS.

B. Clean the transition from the ditch line to the catch basin a distance of 10 feet from the catch basin. Clean outlet channels and lead-off ditches a distance of 6 feet. Remove and place debris and vegetation so as to not enter the channel or ditch, or obstruct traffic. Haul debris and vegetation to a designated disposal area in accordance with Section T-832.

C. Hydraulic flushing of drainage structures is not allowed unless provided for in the SUPPLEMENTAL SPECIFICATIONS.

D. Cleaning and reconditioning are limited to the first 3 feet of inlet and outlet, determined along the top of the structure. Recondition culvert inlet and outlet by field methods such as jacking out or cutting away damaged metal which obstructs flow. Treat cut edges with a zinc rich coating, in accordance with AASHTO M 36M and ASTM A 849.

E. Where DESIGNATED ON THE GROUND, included in the ROAD LISTING, SHOWN ON THE DRAWINGS or as ordered by the Contracting Officer invasive species of concern prevention practices shall be followed as listed below.

Invasive Species of Concern Prevention Practices
NA.

SPECIAL PROJECT SPECIFICATION
T-835-01F DRAINAGE STRUCTURE AND ENTRANCE BARRIER (02/06)

A. Drainage Structure Placement

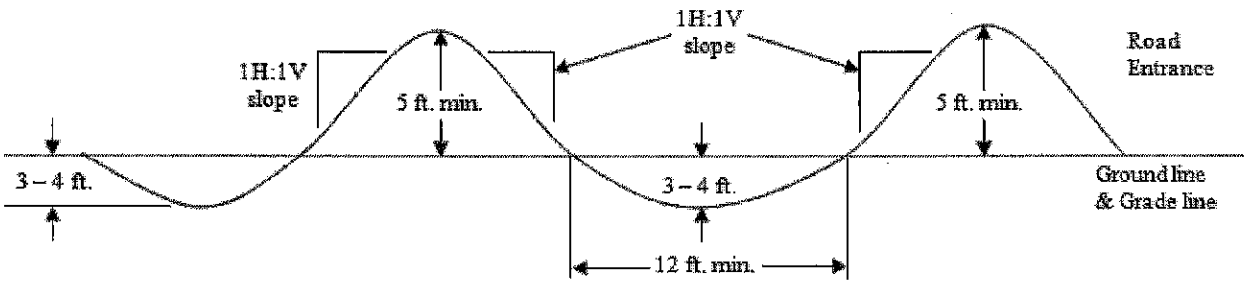
Waterbar roadbed at intervals based on the below table:

Road Grade	Minimum Waterbar Spacing
0-3%	200 feet
3-6%	175 feet
6-9%	150 feet
9-12%	125 feet
12-15%	100 feet
Greater than 15%	75 feet

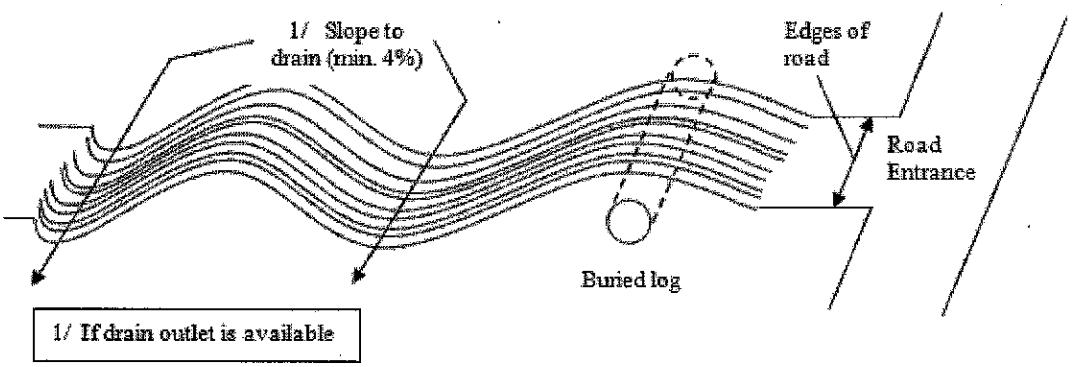
B. Entrance Devices

Any rocks placed in road must allow a minimum 60" clearance for snowmobile passage and any logs placed on roadway must be placed as flat as practicable.

TYPICAL EARTH BARRIER
(no scale)



Profile View



Sketch View

T-835 - ROADWAY DRAINAGE MAINTENANCE (05/07)

835.01 Description

This work consists of providing post haul drainage on roads.

835.02 Maintenance Requirements

A. Drainage

1. Upon completion of work, shape the roadway to provide for the removal of surface water. The roadway need not be passable to vehicles. Repair and reinstall water bars, barriers or berms existing prior to the Purchaser's operation. Areas where water is ponded by existing centerline profile sags in through cuts may be left untreated.

2. Continuous blade shaping of the roadbed is not required under this specification.

3. Work to be done at staked locations shall be as indicated on the stake and/or stated in SUPPLEMENTAL SPECIFICATIONS:

4. Any of the following methods are acceptable for use at eroded or rutted locations:

Method A: Outsloping the roadbed at not less than 1/2 inch per yard of width.

Method B: Insloping the roadbed at not less than 1/2 inch per yard of.

Method C: Water bar roadbed at locations staked on the ground and construct as SHOWN ON THE DRAWINGS or as included in SUPPLEMENTAL SPECIFICATIONS.

5. Drainage structures located in through fills and natural watercourses shall be fully functional without obstructions, including inlet and outlet channel within 20 feet of the structure.

6. Either clean culverts and other fabricated structures to provide drainage from road ditches and make the ditch functional or provide water bar(s) across the roadbed. Removed structures shall become Purchaser's property to be removed from National Forest System land. Remove and replace any purchaser-installed temporary drainage structures with a water bar.

B. Slides, Slumps and Slough

1. Slides and slough may be left in place, provided they do not potentially impound water or divert water from watercourses. As necessary, reshape the various surfaces to provide drainage.

2. Provide drainage to effectively decrease or eliminate the entry of surface water into slides, slumps, and roadbed surface cracks. Place berms, waterbars or ditches as needed to intercept and remove runoff water from the roadbed. Surface seal cracks by covering over with native soil materials to prevent additional water entry and compact with equipment tires.

C. Entrance Devices

Upon completion of work, replace entrance devices to effectively eliminate access by motorized vehicles having four (4) wheels and a width in excess of 50 inches.

D. Seeding

Seed and fertilize all disturbed areas in accordance with requirements set forth in Section T-841.

T-836 - MAINTENANCE FOR LIMITED USE (05/07)

836.01 Description

This work consists of making limited use roads passable for joint use by Purchaser and high clearance vehicles, and providing drainage from the traveled way and roadbed.

836.02 Maintenance Requirements

A. Traveled Way

Purchaser may smooth or fill existing cross ditches and water bars and by agreement modify existing road junctions to enable vehicle access. Prior to beginning haul and resumption of haul after an extended stoppage:

1. Remove brush, fallen trees, rocks, and other debris from traveled way, including turnouts, turnarounds, and other locations that interfere with needed maintenance as follows:

   a. No object extending over 4 inches above the road surface shall remain within the 12 feet usable traveled way and 10 feet turnout widths. Center the usable width on the roadbed or position away from the fill slope.

   b. Cut and remove standing or down trees, logs, brush, and limbs from within the area described in 1 a. above. Remove encroaching limbs to a height of 14 feet above the traveled way surface. Scatter material not meeting utilization standards outside and below the roadbed on the fill side. Limb and remove timber which meets utilization standards or deck at agreed locations.

   c. Place all removed materials away from drainages.

   d. During use, maintain drainage structures, including dips, ditches and culverts in a useable condition.

2. Clean and recondition drainage facilities in accordance with: Section T-831 and T-834.

B. Slough and Slides

1. Slough and slides may be left in place, provided surface drainage is provided and at least 12 feet of width is available for vehicle passage.

2. Purchaser may reposition or ramp over slides and slough when the traveled way width is less than 12 feet providing the material is capable of supporting vehicles. Limit out slope to no more than six percent.

3. Reposition slough or slide materials on the roadbed which are not capable of supporting a vehicle to provide the 12 foot width. When directed by the Contracting Officer, slough or slide material will be removed under Section T-832.

C. Slumps and Washouts

1. Drain the roadbed immediately upgrade of slumps and longitudinal cracks to prevent water from entering slump area.

2. Slumps and longitudinal cracks at the edge of the roadbed shall not be considered a part of the usable width. Usable width may be reduced to 10 feet in the area of the slump.

3. Unless the Contractor Officer agrees to material being placed on slumps, ramp the slumps on both ends into undisturbed roadbed to provide at least 10 feet usable width. Use removed materials to guide vehicles to the ramp location or to aid in draining the area.

4. Washouts may be filled with suitable material.

D. Posthaul

At the end of hauling or prior to entering into seasonal shutdowns or a period of extended inactivity:

1. Shape the traveled way and disturbed roadbed to provide functional drainage.

2. Reinstall removed cross ditches and water bars and provide any additional drainage structures necessary to offset changes caused through use and maintenance.

3. Leave roads useable for high clearance vehicles. Remove or reshape purchaser modifications at road junctions to leave the entrance as it was before use, or as agreed at the time of improvement.

T-839 - MAINTENANCE FOR PROJECT USE (05/07)

839.01 Description

Work consists of providing minimum access required for Purchaser's Operations and associated Forest Service contract administration and preventing unacceptable resource or road damage.

839.02 Maintenance Requirements

A. Purchaser is authorized to perform the following maintenance to provide vehicle passage and drainage:

1. Purchaser is authorized to perform the following maintenance to provide vehicle passage and drainage.

2. Smoothing or filling existing cross ditches and water bars.

3. Installing Purchaser-furnished culverts or other temporary drainage structures for shallow stream crossings as approved by the Contracting Officer.

4. Removing brush, fallen trees, rocks, and other materials from the traveled way and other locations that interfere with needed maintenance:

   a. Place all removed materials away from drainage's.

   b. Limb and remove timber which meets utilization standards or deck at locations approved by the Contracting Officer. Scatter other woodymaterials, including limbs, off of and below the roadbed without creating concentrations.

5. Clean and recondition drainage structures in accordance with Section T-831 and Section T-834.

6. Reposition or ramp over slough and slides to provide adequate width of traveled way material.

7. Provide traveled way drainage above slumps and seal cracks in slump area. Ramp the slumps on both ends into undisturbed roadbed to provide usable width unless otherwise ordered by the Contracting Officer.

B. During use, the traveled way shall not channel water along the road. Prior to seasonal periods of anticipated rains and runoff, perform the following work:

1. Shape the traveled way and roadbed to drain.

2. Reinstall removed cross ditches and water bars and provide any additional drainage structures necessary to offset changes through use and maintenance.

3. Perform work outlined in 839.02 A (5), (6), and (7).

4. During periods of non use, replace original barrier or provide and maintain standard MUTCD, Type 3, barricades unless alternate type barriers are approved by the Contracting Officer.

839.03 Post Haul Requirements

A. Upon completion of project use perform such work as needed to reasonably conform to the character of the existing road prior to Purchaser's maintenance for project use, unless otherwise provided in the SUPPLEMENTAL SPECIFICATIONS or the Road Listing. Work shall be in addition to requirements of 839.02 B and in accordance with 839.03 B and C.

B. Roads designated in the Road Listing to be blocked shall conform to the requirements of Section T-835. Unless otherwise approved by the Contracting Officer, remove Purchaser-installed temporary structures from National Forest System land. Associated commercially-obtained materials shall remain the property of the Purchaser.

C. Remove or reshape Purchaser improvements at road junctions, as approved by the Contracting Officer at the time of improvement.

T-842 - CUTTING ROADWAY VEGETATION (10/07)

842.01 Description

This work consists of cutting all vegetative growth, including trees and other vegetation less than 4 inches in diameter measured 6 inches above the ground, on roadway surfaces and roadsides.

842.02 Maintenance Requirements

A. General

1. Cut brush, trees, and other vegetation within each area treated to a maximum height of 6 inches above the ground surface or obstruction such as rocks or existing stumps. When work is performed under this Section, remove all limbs which extend into the treated area, or over the roadbed, to a height of 14 feet above the traveled way surface elevation.

2. Items to remain will be DESIGNATED ON THE GROUND.

3. Work may be performed either by hand or mechanically unless specifically shown in the Road Listing. Self-propelled equipment is not allowed on cut and fill slopes or in ditches.

4. Correct damage to trunks of standing trees caused by Purchaser's operation either by treatment with a commercial nursery sealer or by removing the tree as directed by the Contracting Officer.

5. Limb trees within the cutting limits which are over 4 inches - measured at 6 inches above the ground in lieu of cutting.

6. When trees are limbed, cut limbs within 4 inches of the trunk.

B. Cutting Side Vegetation

1. Show the width of vegetation to be removed in the Road Listing.

2. Unless otherwise included in the SUPPLEMENTAL SPECIFICATIONS or DESIGNATED ON THE GROUND:

   a. Commence work at the edge of the traveled way and proceed away from the road centerline.

   b. Roads without a defined traveled way: The starting point for cutting will be marked on the ground or defined in the SUPPLEMENTAL SPECIFICATIONS.

3. The points for establishing cutting limits are as follows:

   a. Fill and daylighted (wide roadbed) section cutting commences at the edge of the traveled way and proceeds away from the road center line.

   b. Drainage ditched section cutting commences at the bottom of the existing ditch and proceeds away from the road center line. Cutting on ditch foreslopes is not required.

   c. Unditched cut section cutting commences at the intersection of the cutbank and the roadbed and proceeds away from center line.

4. Provide transitions between differing increments of cutting width. Accomplish transitions in a taper length of not less than 50 feet nor more than 70 feet.

C. Debris

1. Materials resulting from the cutting operation in excess of 12 inches in length or 3 inches in diameter is not allowed to remain on roadway slopes within the treated area, in ditches, or within water courses.

2. Remove limbs and chunks in excess of 3 inches in any dimension from the traveled way and shoulders.

3. Remove limbs and chunks in excess of 3 inches in any dimension from the traveled way and shoulders.

D. Invasive Species of Concern

Where DESIGNATED ON THE GROUND, included in the ROAD LISTING, SHOWN ON THE DRAWINGS or as ordered by the Contracting Officer invasive species of concern prevention practices shall be followed as listed below.

Invasive Species of Concern Prevention Practices
NA

T-854 - TREATMENT AND DISPOSAL OF DANGER TREES (04/10)

854.01 Description

This work consists of felling and disposal of designated live or dead danger trees sufficiently tall to reach roads used by the Purchaser. Any removal of logs is subject to prior agreement between the Contractor Officer and the Purchaser

854.02 Requirements

A. Designation of danger trees.

Danger trees to be felled will be designated in advance by the Contracting Officer. Trees to be removed will be Marked

B. Falling, bucking and treatment for disposal.

Use controlled felling to ensure the direction of fall and prevent damage to property, structures, roadway, residual trees, and traffic. Stump heights, measured on the side adjacent to the highest ground, must not exceed 12 inches or 1/3 of the stump diameter, whichever is greater. Higher stump heights are permitted when necessary for safety.

Felled snags and trees, which are not Marked for removal, will be left in a stable condition such that they will not roll or slide. Position logs away from standing trees so they will not roll, are not on top of one another, and are located out of roadway and drainage structures

Fell, limb and, remove trees, which are Marked for removal, that equal or exceed the utilization standards as listed in the Timber Sale contract or SUPPLEMENTATAL SPECIFICATIONS. Dispose of merchantable timber designated for removal in accordance with B/BT2.32 Construction Clearing, of the Timber Sale Contract, or as described in SUPPLEMENTAL SPECIFICATIONS.

C. Slash treatment.

Within the roadway, remove limbs, chunks, and debris in excess of 12 inches in length and 3 inches in diameter, and concentrations that may plug ditches or culverts, and water courses.

Dispose of slash by scattering outside the roadway limits without damaging trees, or improvements.

Large accumulations of slash may be ordered hauled under T-832.