

Advertising Dates: March 26, 2015 and April 2, 2015

TIMBER FOR SALE, UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT, ORAL AUCTION as hereinafter designated will be conducted by the District Manager, Bureau of Land Management at the COOS BAY DISTRICT OFFICE, 1300 Airport Lane, North Bend, Oregon 97459-2000, on April 24, 2015 for all timber marked or designated for cutting. Sale will commence at 10:00 a.m. Before bids are submitted, full information concerning the timber, the conditions of sale and submission of bids, including the appraised price per species, should be obtained from the above District Manager. The prospectus is available online at [www.blm.gov/or/districts/coosbay/timbersales/index.php](http://www.blm.gov/or/districts/coosbay/timbersales/index.php). The right is hereby reserved to waive technical defects in this advertisement and to reject any or all bids. The United States reserves the right to waive any informality in bids received whenever such waiver is in the interest of the United States. Environmental Assessment No. OR125-05-01, Umpqua River Sawyer Rapids was prepared for Grabb Creek CT and the Finding of No Significant Impact has been signed. Environmental Assessment No. DOI-BLM-OR-C040-2011-0006-EA, Lone Pine was prepared for Weekly CT and the Finding of No Significant Impact has been signed. These documents are available for review at the Coos Bay District Office or online at [www.blm.gov/or/districts/coosbay/plans/index.php](http://www.blm.gov/or/districts/coosbay/plans/index.php). This sale notice, first published on March 26, 2015, constitutes the decision document for purposes of protests under 43 CFR Subpart 5003 - Administrative Remedies. Protests of any sale listed below must be filed within 15 days after the first publication of this notice. In DOUGLAS COUNTY: OREGON: O&C: ORAL AUCTION: SET ASIDE SALE NO. ORC00-TS-2015-0003, GRABB CREEK CT. All timber designated for cutting on certain Federal lands in T. 22 S., R. 8 W., Section 7, W½NE¼, NW¼, NE¼SW¼, Will. Mer. estimated for the purpose of this sale to be 2414 MBF. No written bid for less than \$407,701.60 will be considered. Minimum deposit with written bid \$40,800.00. In COOS COUNTY: OREGON: CBWR, O&C: ORAL AUCTION: SBA SET ASIDE SALE NO. ORC00-TS-2015-0033, WEEKLY CT. All timber designated for cutting on certain Federal lands in T. 28 S., R. 11 W., Sec. 31, S½NE¼; T. 28 S., R. 11 W., Sec. 32, S½SW¼; T. 29 S., R. 11 W., Sec. 5, NW¼, N½SW¼, SW¼SW¼, Will. Mer., estimated for the purpose of this sale to be 1,946 MBF. No written bid for less than \$197,332.80 will be considered. Minimum deposit with written bid \$19,800.00.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Coos Bay District Office  
1300 Airport Lane  
North Bend, OR 97459

March 26, 2015

TIMBER SALE NOTICE

<b>1. Grabb Creek CT (Set-Aside Sale)</b>	<b>15-03</b>	<b>2,414 MBF</b>
<b>2. Weekly CT (Set-Aside Sale)</b>	<b>15-33</b>	<b>1,946 MBF</b>

This Timber Sale Notice does not constitute the decision document for purposes of protest and appeal of a forest management decision. Consistent with 43 CFR Subpart 5003-Administrative Remedies, the notice of a timber sale, when published as a legal ad in a newspaper of general circulation shall constitute the decision document for purposes of protest and appeal. Protests may be filed with the Contracting Officer within 15 days of the publication of the aforementioned decision document in the newspaper. It is anticipated that the decision document will be published in The World newspaper on or about **March 26th, 2015**. BLM does not warrant publication on this exact date. All parties considering protest of the timber sale decision document are encouraged to review the aforementioned newspaper to ensure accurate knowledge of the exact publication date.

NOTICE IS HEREBY GIVEN that the Bureau of Land Management will offer for sale timber as described herein for oral auction pursuant to Instructions to Bidders, as stated on Form No. 5440-9 and subject to Notice of Requirement for Certification of Nonsegregated Facilities, Form No. 1140-4, attached. Written and oral bids will be received by the District Manager, or his representative, at the COOS BAY DISTRICT OFFICE, 1300 Airport Lane, North Bend, Oregon on

**April 24<sup>th</sup>, 2015**

This sale will commence at 10:00 a.m. Oral bids will be received on Douglas-fir only with a \$0.50/bid minimum overcall on each bid.

ENVIRONMENTAL ASSESSMENTS were prepared for these sales, and Findings of No Significant Impact have been documented. These documents are available for review as background for these sales at the Coos Bay District Office or online at [www.blm.gov/or/districts/coosbay/plans/index.php](http://www.blm.gov/or/districts/coosbay/plans/index.php).

A WRITTEN BID on Form 5440-9 at not less than the appraised price on a unit basis per species and the required minimum bid deposit shall be required to participate in oral bidding for each tract.

FOR SET-ASIDE TRACTS, the bidder must not have been determined by the Small Business Administration to be ineligible for preferential award of set-aside sales and must accompany his deposit with a self-certification statement that he is qualified as a small business concern as defined by the Small Business Administration in its regulations, Title 13, Chapter I, Part 121, as amended, of the Code of Federal Regulations (firm employs, together with its affiliates, 500 or fewer persons). The Form 5430-1, Self Certification Statement can be obtained at the oral auction timber sale and must be completed and submitted before qualifying to bid.

THE SUCCESSFUL BIDDER, as a condition of award, will be required to complete and/or sign the following forms:

1. Form 1140-6, a certification that the bid was arrived at by the bidder independently, and was tendered without collusion with any other bidder.
2. Form 1140-7, Equal Opportunity Affirmative Action Program Representation, for all contracts over \$10,000.
3. Form 1140-8, Equal Opportunity Compliance Report Certification.
4. Form 5450-17, Export Determination.

PRE-AWARD QUALIFICATIONS. The high bidder may be required to furnish information to determine the ability to perform the obligations of the contract. If the high bidder is determined not qualified, responsible or refuses to respond within fifteen (15) days of a request for information pertaining to qualifications, the contract may be offered and awarded for the amount of the high bid to the highest of the bidders who is qualified, responsible, and willing to accept the contract.

A PERFORMANCE BOND in an amount not less than 20 percent of the total purchase price will be required for all contracts of \$2,500 or more, but the amount of the bond shall not be in excess of \$500,000, except when the Purchaser opts to increase the minimum bond as provided in 43 CFR 5451.2. A minimum performance bond of not less than \$500 will be required for all installment contracts less than \$2,500.

QUALIFIED SMALL BUSINESS concerns may apply to the Small Business Administration for loan assistance to provide financing for access road construction required under the terms of qualifying timber sale contracts, and necessary contract changes will be made. Approval of loan applications rests with the Small Business Administration and may be contingent upon availability of funds. Applicants for such loans shall notify the Bureau of Land Management of their intention to apply for a loan.

LOG EXPORT AND SUBSTITUTION. All timber sales shall be subject to the restrictions relating to the export and substitution of unprocessed timber from the United States in accordance with P.L. 94-165 and 43 CFR 5400 and 5420, as amended. "The BLM has revised the log export restrictions special provision to reduce the log branding and painting requirements. The new requirements include branding of one end of all logs with a scaling diameter of over 10 inches. All loads of 11 logs or more, regardless of the diameter of the logs, will have a minimum of 10 logs branded on one end. All logs will be branded on loads of 10 logs or less. One end of all branded logs will be marked with yellow paint. At the discretion of the Contracting Officer, the Purchaser may be required to brand and paint all logs. The Purchaser shall bear any increased costs for log branding and painting."

ADDITIONAL INFORMATION concerning each timber sale tract described herein is available at the above District office. A copy of the timber sale contract is also available for inspection at the District office. The prospectus is available online at [www.blm.gov/or/districts/coosbay/timbersales/index.php](http://www.blm.gov/or/districts/coosbay/timbersales/index.php).

THE VOLUMES LISTED herein are estimates only, based on 16-foot taper breaks, which must be taken into consideration if comparisons are made with volume predictions based on other standards. The volumes based on 32-foot taper breaks are shown for comparison purposes. No sale shall be made for less than the advertised appraised price. The purchaser shall be liable for the total purchase price, without regard to the amount bid per unit, even though quantity of timber actually cut or removed or designated for taking is more or less than the estimated volume or quantity so listed.

Appraised prices are determined by analytical appraisal methods unless otherwise noted on individual timber sale notices.

A new Special Provision has been added to the contract which enables the Contracting Officer to suspend the contract to facilitate protection of certain plant or animal species, and/or to modify or terminate the contract when necessary to comply with the Endangered Species Act or to protect occupied marbled murrelet sites in accordance with the Standards and Guidelines of the Coos Bay District Record of Decision and Resource Management Plan. This contract provision limits the liability of the Government to the actual costs incurred by the Purchaser which have not been amortized by timber removed from the contract area.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT
NOTICE OF REQUIREMENT FOR CERTIFICATION OF NONSEGREGATED FACILITIES
Bidders and offerors are cautioned as follows: by signing this bid or offer or entering into this contract or lease, as the case may be, the bidder, offeror, or contractor will be deemed to have signed and agreed to the provisions of the Certification of Nonsegregated Facilities in this solicitation. The certification provides that the bidder or offeror does not maintain or provide for his employees facilities which are segregated on a basis of race, color, religion, sex, or national origin, whether such facilities are segregated by directive or on a de facto basis. The certification also provides that he will not maintain such segregated facilities. Failure of a bidder or offeror to agree to the Certification of Nonsegregated Facilities will render his bid or offer nonresponsive to the terms of solicitations involving awards of contract exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause.
In accordance with 41 CFR 60, as amended May 19, 1967, and Executive Order No. 11246 of September 24, 1965, as amended, this notification will be included in all notices of invitations for bid, lease, offers, and requests for proposal where prospective nonexempt contracts may exceed \$10,000.
Form 1140-4 (June 1974)

COOS BAY DISTRICT OFFICE  
UMPQUA RESOURCE AREA

SALE DATE: April 24, 2015  
SALE TIME: 10:00 a.m.

SALE NO. ORC00-TS-2015.0003, GRABB CREEK CT

**SET-ASIDE SALE**

DOUGLAS COUNTY: OREGON: O&C: ORAL AUCTION: Bid deposit required: \$40,800.00

All timber designated for cutting on: T. 22 S., R. 8. W., Sec. 7, W $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$  Will. Mer.

Approx. No. Merch. Trees	Est. Vol. MBF 32' Log	Species	Est. Vol. MBF 16' Log	Appraised Price Per MBF	Estimated Vol. Times Appraised Price
14,473	1,958	Douglas-fir	2,182	\$175.70	\$383,377.40
669	145	grand fir	170	\$106.20	\$18,054.00
584	49	red alder	57	\$104.10	\$5,933.70
97	4	western hemlock	5	\$67.30	\$336.50
<b>15,823</b>	<b>2,156</b>	<b>Totals</b>	<b>2,414</b>		<b>\$407,701.60</b>

**THIS TIMBER SALE HAS BEEN CRUISED, APPRAISED, AND ADVERTISED BASED UPON SCRIBNER BOARD FOOT MEASURE (16 FOOT LOG). THE MINIMUM BID FIGURES SHOWN BY SPECIES ARE DOLLARS PER THOUSAND BOARD FEET (MBF). THE MINIMUM BID INCREMENT WILL BE \$0.50 PER MBF. SCRIBNER BOARD FOOT VOLUMES (32 FOOT LOG) BY SPECIES ARE DISPLAYED FOR INFORMATIONAL PURPOSES.**

LOG EXPORT AND SUBSTITUTION: All timber sales, including timber from Federal rights-of-ways, shall be subject to the restrictions relating to the export and substitution of unprocessed timber from the United States in accordance with P.L. 94-165 and 43 CFR 5400 and 5424 as amended.

LOG EXPORT AND SUBSTITUTION RESTRICTIONS: Excepting Port-Orford-cedar, all timber offered for sale hereunder is restricted from export from the United States in the form of unprocessed timber and is prohibited from being used as a substitute for exported private timber.

CRUISE INFORMATION: With respect to merchantable trees of all species in all cruise strata: the average DBHOB is 11.8 inches: the average gross merchantable log contains 37 bd. ft.; the total gross volume is approximately 2,529 thousand bd. ft.; and 95% recovery is expected. The average DBHOB for Douglas-fir is 11.8 inches; and the average gross merchantable log contains 37 bd. ft. The following cruise methods were used for volume determination:

VARIABLE PLOT: Timber volumes in Unit 1 were based on a variable plot cruise. Using a 20 basal area factor (BAF), 209 plots were measured and 134 trees were randomly selected to be sampled. The sample trees have been cruised and their volumes computed using form class tables for estimating board foot volumes of trees in 16-foot logs. The volumes are then expanded to a total sale volume.

3P: The Douglas-fir in the right-of-way has been cruised using the 3P system to select 29 sample trees. The sample trees have been cruised and the volumes computed using form class tables for estimating board foot volumes of trees in 16-foot logs.

100% CRUISE: The minor species timber volumes are based on a 100% cruise using form class tables for estimating board foot volume of trees in 16-foot logs.

CUTTING AREA: One unit totaling approximately 129 acres must be partial cut and 4 acres of road right-of-way must be clear cut. Acreage data was collected using a Trimble Geo XT Global Positioning System receiver. Acreage was calculated based on Global Positioning System traverse procedures including differential correction.

ACCESS: Access to the sale area is provided via: Oregon State highways, Government controlled roads, and privately controlled roads. Access to the northern portion of the sale area is gated. Keys are available at the Coos Bay District Office. A refundable deposit of \$100 is required to obtain a key.

DIRECTIONS TO SALE AREA: From Elkton, travel west on Highway 38 for 11 miles and turn right onto the 22-8-7.1 road. Refer to Exhibits A and A-1 for unit locations.

ROAD USE & MAINTENANCE: Purchaser shall pay a maintenance obligation to the Government totaling \$307.75. Purchaser shall pay road use fees totaling \$1,088.55 and rockwear fees totaling \$537.00 to Oxbow Timber as detailed in the License Agreement. Purchaser shall pay road use fees totaling \$738.00 to Kerry Weatherly as detailed in the License Agreement. Purchaser shall pay a rockwear fee totaling \$54.24 to Menasha Forest Products as detailed in the License Agreement. Operator maintenance is required on 4.7 miles of road.

ROAD CONSTRUCTION: Road construction and improvement estimates include the following:

11.3 stations Class SN-12 road

Surfacing:

150 cu. yds. of 1½-inch crushed hardrock  
373 cu. yds. of 3-inch minus crushed hardrock  
60 cu. yds. of 6-inch minus crushed hardrock  
20 cu. yds. of riprap

Special Structures:

1 Gate

DURATION OF CONTRACT: Will be 36 months for cutting and removal of timber. The contract will contain special stipulations regarding logging, road construction, road use and maintenance, fire prevention, hazard reduction and logging residue reduction, log export and substitution, optional scale check of lump sum sales, equal opportunity in employment, cultural resource protection, and sensitive, threatened, or endangered plants or animals.

SPECIAL PROVISIONS:

1. Snags that are felled for safety reasons will be left on site.
2. All western redcedar, Pacific yew and hardwood trees, other than red alder, are reserved from cutting, except within road right-of-ways.
3. Directional felling is required away from roads, property lines, posted boundaries, orange-painted reserve trees, Stream Channels, and snags.
4. Cutting or yarding during high sap flow, March 31 through July 1, may be restricted by the Authorized Officer.
5. Hauling on dirt surfaced roads will be permitted between July 1 and October 15, unless dry conditions extend the hauling season.
6. In the Partial Cut Area, conifer trees will be bucked to a maximum of 41-foot lengths.
7. In the Cable Yarding Area, yarding shall be completed with cable-type equipment capable of lateral yarding 75 feet each side of the skyline road.
8. In the Cable Yarding Area, one-end suspension is required. Lift trees and/or intermediate support trees may be necessary to achieve suspension.
9. No-harvest zones will be maintained adjacent to Stream Channels. Corridor trees felled within the no-harvest zone shall be left on site.
10. Full-log suspension will be required over Stream Channels. Where full suspension cannot be achieved, yarding will occur during the dry season.
11. Within safety standards, harvest trees will be directionally felled away from any Stream Channels; however, trees that must be felled toward or parallel to the Stream Channel should be temporarily retained on site to provide bank armament if other trees need to be yarded across the channel.
12. The location and use of yarding roads and harvester roads in the Ground-based Yarding Area and Cable Yarding Area shall be approved by BLM prior to use by the Purchaser.
13. Upon completion of yarding in Unit 1, a maximum of 40 trees will be topped for snag creation.
14. Road building and logging equipment will be washed prior to moving into the Contract Area to minimize the spread of noxious weeds.
15. Any required construction, improvement, or renovation of structures and roads shall occur during the dry season, June 1 through October 1, both days inclusive, of the same calendar year.
16. Purchaser must enter into License Agreements with Oxbow Timber, Cary Weatherly, and Menasha Forest Products and pay appropriate road use and rockwear fees prior to commencement of any operations.
17. BLM will assume supervisory responsibility for disposal of logging slash.
18. Slashing and hand piling is required in the Hazardous Fuels Reduction Area as shown on the Exhibit A.

COOS BAY DISTRICT OFFICE  
MYRTLEWOOD RESOURCE AREA

SALE DATE: APRIL 24,2015  
SALE TIME: 10:00 a.m.

SALE NO.: ORC00-TS-2015.0033, WEEKLY CT

**SET-ASIDE SALE**

COOS COUNTY: OREGON: CBWR , O&C: ORAL AUCTION: Bid deposit required: \$19,800.00

All timber designated for cutting on: T. 28 S., R. 11 W., Sec. 31: S½NE¼, T. 28 S.,R.11 W., Sec. 32: S½SW¼  
T. 29 S., R.11 W., SEC. 5: NW¼,N½ SW¼, SW¼ SW¼ Will. Mer.

Approx. No. Merch. Trees	Est. Vol. MBF 32' Log	Species	Est. Vol. MBF 16' Log	Appraised Price Per MBF	Estimated Vol. Times Appraised Price
11,817	1,558	Douglas-fir	1,700	\$110.20	187,340.00
2,464	108	red alder	139	\$37.90	\$5,268.10
198	23	grand fir	28	\$41.80	1,170.40
511	61	western hemlock	70	\$43.10	\$3,017.00
122	8	Port Orford-cedar	9	\$59.70	\$537.30
<b>15,112</b>	<b>1,758</b>	<b>Total</b>	<b>1,946</b>		<b>\$197,332.80</b>

**THIS TIMBER SALE HAS BEEN CRUISED, APPRAISED, AND ADVERTISED BASED UPON SCRIBNER BOARD FOOT MEASURE (16 FOOT LOG). THE MINIMUM BID FIGURES SHOWN BY SPECIES ARE DOLLARS PER THOUSAND BOARD FEET (MBF). THE MINIMUM BID INCREMENT WILL BE \$0.10 PER MBF. SCRIBNER BOARD FOOT VOLUMES (32 FOOT LOG) BY SPECIES ARE DISPLAYED FOR INFORMATIONAL PURPOSES.**

LOG EXPORT AND SUBSTITUTION: All timber sales, including timber from Federal rights-of-ways, shall be subject to the restrictions relating to the export and substitution of unprocessed timber from the United States in accordance with P.L. 94-165 and 43 CFR 5400 and 5424 as amended.

LOG EXPORT AND SUBSTITUTION RESTRICTIONS: Excepting Port-Orford-cedar, all timber offered for sale hereunder is restricted from export from the United States in the form of unprocessed timber and is prohibited from being used as a substitute for exported private timber.

CRUISE INFORMATION: With respect to merchantable trees of all species in all cruise strata: the average DBHOB is 11.6 inches: the average gross merchantable log contains 35 bd. ft.; the total gross volume is approximately 2,070 thousand bd. ft.; and 92 % recovery is expected. The average DBHOB for Douglas-fir is 11.8inches; and the average gross merchantable log contains 35 bd. ft. None of the total sale volume is salvage material. The following cruise methods were used for volume determination:

VARIABLE PLOT: Timber volumes in Unit 1 were based on a variable plot cruise. Using a 20 basal area factor (BAF), 292 plots were measured and 133 trees were randomly selected to be sampled. The sample trees were cruised and their volumes computed using form class tables for estimating board foot volumes of trees in 16-foot logs. The volumes are then expanded to a total sale volume.

3P: Douglas-fir volume within the road right-of-way was calculated using the 3P system to select 5 sample trees. The sample trees were cruised and their volumes computed using form class tables for estimating board foot volumes of trees in 16-foot logs. The volumes are then expanded to a total sale volume.

100% CRUISE: Volumes for western hemlock, red alder, and grand fir within the road right-of-way were based on a 100% cruise using form class tables for estimating board foot volume of trees in 16-foot logs.

CUTTING AREA: One unit totaling approximately 181 acres must be partial cut. One acre of right-of-way must be cut.

ACCESS: Access to the sale area is provided via: Oregon State highways, Coos County roads, privately controlled roads, and Government controlled roads.

DIRECTIONS TO SALE AREA: From Myrtle Point, OR, travel East on Sitkum Ln. towards Weekly cr. approximately 4 miles, turn right onto Weekly cr. Rd. Travel approximately 5.9 miles to sale. Refer to Exhibits A and A-1 for unit locations.

ROAD USE & MAINTENANCE: Refer to Exhibit E Summary attached. Operator maintenance required on 5.01 miles of road.

Rockwear and Maintenance Fees Payable to BLM:	\$2,440.48
Rockwear Fees Payable to Moore Mill Lumber Company:	\$22.33

ROAD CONSTRUCTION:

Road Construction estimates include the following:

New Construction:

8.30 stations

Road Renovation:

255.99 stations

Aggregate:

Spot Rock, 1 ½” minus hardrock: 85 C.Y. (Truck Measure)

Spot Rock, 3” minus hardrock: 70 C.Y. (Truck Measure)

Culvert Bedding Rock, 1 ½” minus hardrock: 15 C.Y. (Compacted Measure)

Maintenance Rock, 1 ½” minus hardrock: 315 C.Y. (Truck Measure)

Maintenance Rock, 3” minus hardrock: 85 C.Y. (Truck Measure)

Drainage:

24” CPE Double Wall: 90’

Culvert Markers: 2

Soil Stabilization:



Dry Seed, fertilizer, & mulch: 11.3 acres (Pre Haul)

Dry Seed, fertilizer, & mulch: 7.7 acres (Post Haul)

Roadside Brushing:

255.99 stations

Road Decommissioning:

Riprap Barriers: 5 (85 C.Y.)

Normal Decommissioning: 44.65 stations

DURATION OF CONTRACT: Shall be 36 months for cutting and removal of timber. The contract will contain special stipulations regarding logging, road construction, road use and maintenance, fire prevention, hazard reduction and logging residue reduction, log export and substitution, optional scale check of lump sum sales, equal opportunity in employment, cultural resource protection, and sensitive, threatened, or endangered plants or animals.

SPECIAL PROVISIONS: This list is not comprehensive. Please review the entire contract.

1. License agreement is required with Moore Mill Lumber Company. Timber volumes within the painted right-of-way for the BLM Road No. 29-11-6.0 shall be cut and decked by the purchaser.
2. All equipment must be washed prior to entry into the contract area to control the spread of noxious weeds.
3. All roads are approved for summer haul only.
4. In the Seasonal Restriction Area (MM & NSO), shown on Exhibit A, falling, yarding, and new road construction operations are prohibited in the period between April 1 and August 5. In addition, a daily timing restriction confines operations to the period from two hours after sunrise to two hours before sunset between August 6 and September 15 of the same calendar year, both days inclusive.
5. No trees shall be felled into the Reserve Area, shown on the Exhibit A. Line pulling, jacking, or other mechanical devices shall be used as necessary.
6. Damage shall affect less than 5% of reserve trees.
7. Lift trees and intermediate support trees may be necessary.
8. One-end suspension required in cable and ground-based yarding areas.
9. Full suspension required over any stream channels. Trees cut for yarding corridors within the Reserve Area adjacent to Stream Channels shall be felled toward the channel and left on site.
10. Yarding corridors and skid trails shall be placed to avoid cutting reserve trees greater than or equal to 24" DBH within 220' of a Stream Channel. If a reserve tree greater than or equal to 24" DBH is cut for a yarding corridor or skid trail within 220' of a Stream Channel, the tree shall be left on site and will counted towards the required post-harvest down wood creation requirements.
11. A forwarder, log loader, tractor, or rubber tire skidder may be used to yard logs within the ground-based yarding areas. Ground-based equipment shall not operate within fifty feet of any Stream Channel and are restricted to areas with slopes less than 35%.
12. Log lengths shall not exceed 41 feet.
13. Purchaser shall verify all landing locations and stake required clearing limits prior to construction.
14. Shape and restore all landings to a natural contour to prevent erosion.
15. Seed and fertilize all landings, road cuts and fills, and waste areas.

16. Soil stabilization, water bar construction, road decommissioning, and road barrier construction shall be conducted after the completion of harvest activities but no later than October 15<sup>th</sup>.
17. BLM will assume supervisory responsibility for disposal of logging slash.
18. Machine and/or hand piling of logging slash are required at all landing areas and roads.
19. After yarding is complete the purchaser shall top 273 conifer trees in Unit 1.
20. Signage and flaggers are required when conducting logging operations adjacent to BLM Road Nos. 28-11-30.0, 28-11-31.0 (From Sta. 0+00 to Sta. 21+65), and 28-11-31.2.
21. This contract contains provisions (Sec. 42.b(11) and Sec. 42.b(12)) for the sale and removal of additional timber necessary to facilitate safe and efficient Purchaser operations. These provisions include:
  - a. The designation and sale of additional timber, such as corridor and guyline trees, at contract price, as necessary to facilitate safe and efficient logging. Such trees may be felled and removed when they are painted by the Authorized Officer;
  - b. Sale of additional timber volume at current fair market value where the species and/or size of trees are not representative of the forest stand(s) being thinned;
  - c. Government reservation of trees previously marked for cutting replacement when the Authorized Officer determines that it is necessary in order to maintain stand densities consistent with objectives set forth in management prescriptions;
  - d. The use of unilateral modifications executed by BLM for such additional and replacement timber;
  - e. Revocation of the Purchaser's right to cut additional timber if the Authorized Officer determines that trees have been cut and removed that were not previously marked and approved for cutting and removal by the Authorized Officer; and,
  - f. It is estimated that approximately ten percent of the sale volume (estimated at 195 MBF) of such additional timber may be removed under the contract. This volume is not included in the advertised sale volume nor was it included in the timber sale appraisal. This estimate is a net figure reduced by the estimate of the volume of trees previously marked for cutting, which the Authorized Officer may elect to reserve.