

Advertising Dates: Mar 28, 2013 and Apr 4, 2013

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 26, 2013, 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. DOI-BLM-OR-C030-2010-0001, Fairview EA was prepared for these sales and a 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 28, 2013, 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 COOS COUNTY: OREGON: CBWR: ORAL AUCTION: SBA SET ASIDE SALE NO. ORC00-TS-2013.003, BLUE 35 CT. All timber designated for cutting on certain Federal lands in T. 26 S., R. 12 W., Sec. 35, SW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>, S<sup>1</sup>/<sub>2</sub>NW<sup>1</sup>/<sub>4</sub>, S<sup>1</sup>/<sub>2</sub>; T. 27 S., R. 12 W., Sec. 2, NW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>, Will. Mer. estimated for the purpose of this sale to be 3,377 MBF. No written bid for less than \$557,026.60 will be considered. Minimum deposit with written bid \$55,800.00. In COOS COUNTY: OREGON: CBWR: ORAL AUCTION: SBA SET ASIDE SALE NO. ORC00-TS-2013.0004, THUNDERBOLT CT. All timber designated for cutting on certain Federal lands in T. 26 S., R. 12 W., Sec. 35, SW<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub>; T. 27 S., R. 12 W., Sec. 2, NW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>, NW<sup>1</sup>/<sub>4</sub>; Sec. 3, E<sup>1</sup>/<sub>2</sub>NE<sup>1</sup>/<sub>4</sub>, SE<sup>1</sup>/<sub>4</sub>, Will. Mer. estimated for the purpose of this sale to be 3,477 MBF. No written bid for less than \$565,208.70 will be considered. Minimum deposit with written bid \$56,600.00.

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

**Mar. 28, 2013**

TIMBER SALE NOTICE

<b>1. Blue 35 CT (SBA set aside)</b>	<b>13-03</b>	<b>3,377 MBF</b>
<b>2. Thunderbolt CT (SBA set aside)</b>	<b>13-04</b>	<b>3,477 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 28, 2013**. 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 26, 2013**

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  
SOUTH COAST

SALE DATE: April 26, 2013  
SALE TIME: 10:00 a.m.

SALE NO. ORC00-TS-2013.0003, BLUE 35 CT

**SET-ASIDE SALE**

COOS COUNTY: OREGON: CBWR: ORAL AUCTION: Bid deposit required: \$55,800.00

All timber designated for cutting on: T. 26 S., R. 12 W., Sec. 35, SW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>, S<sup>1</sup>/<sub>2</sub>NW<sup>1</sup>/<sub>4</sub>, S<sup>1</sup>/<sub>2</sub>; T. 27S, R. 12 W., Sec. 2, NW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>, 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
8038	2476	Douglas-fir	2767	\$162.70	\$450,190.90
388	35	western hemlock	47	\$83.40	\$3,919.80
88	6	Port-Orford-cedar	8	\$203.40	\$1,627.20
2540	185	western red cedar	228	\$228.40	\$52,075.20
1499	250	red alder	327	\$150.50	\$49,213.50
<b>12,553</b>		<b>Totals</b>	<b>3,377</b>		<b>\$557,026.60</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 \$0.10 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 15.7 inches; the average gross merchantable log contains 63 bd. ft.; the total gross volume is approximately 3566 thousand bd. ft.; and 95% recovery is expected. The average DBHOB for Douglas-fir is 16.8 inches; and the average gross merchantable log contains 69 bd. ft. The following cruise methods were used for volume determination:

VARIABLE PLOT: Timber volumes in Units 1-2 were based on a variable plot cruise. Using a 20 basal area factor (BAF), 270 plots were measured; 205 trees were randomly selected to be sampled. A portion of the sample trees have been felled, bucked, and scaled and a portion of 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. Volume from both methods is then expanded to a total stratum volume.

100% CRUISE: The western hemlock, red alder and western redcedar timber volumes 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.

3P: The Douglas-fir within the road right-of-way has been cruised using the 3P system to select 50 sample trees. The samples 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 stratum volume.

CUTTING AREA: Two units totaling approximately 233 acres must be partial cut and 5 acres of road right-of-way must be clear cut.

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

DIRECTIONS TO SALE AREA: From Coos Bay, travel south on Highway 101 to Coos City-Sumner Co. Road. Turn left, travel approximately 7.9 miles and turn left onto Blue Ridge Road No. 26-12-4.2. Travel 2.7 miles to Road No. 26-12-35.0 road. Refer to Exhibits A and A-1 for unit locations.

ROAD USE & MAINTENANCE: Purchaser shall pay a maintenance obligation to the Government totaling \$10,110.40. Operator maintenance is required on 4.0 miles of road.

ROAD CONSTRUCTION:

Road construction/ improvement estimates include the following:

37.25 stations Class SN-12 road

55.42 stations Class SN-16 road

Surfacing:

846 cu. yds. 1.5 inch-minus crushed hardrock

2332 cu. yds. 3 inch-minus crushed hardrock

1210 cu. yds. 6 inch-minus crushed hardrock

Riprap barrier 60 cu. yds.

Drainage:

30 linear feet of 18-inch CPE culvert

120 linear feet of 12-inch CMP culvert

1 culvert marker

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. Directional felling is required away from roads, property lines, posted boundaries, orange-painted reserve trees, Stream Channels, and snags.
2. No-harvest zones will be maintained adjacent to Stream Channels. Corridor trees felled within the no-harvest zone shall be left on site.
3. Full-log suspension will be required over Stream Channels. Where full suspension cannot be achieved, yarding will occur during the dry season.
4. Within safety standards, harvest trees would 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 armoring if other trees need to be yarded across the channel.
5. Snags that are felled for safety reasons will be left on site.
6. Cutting or yarding during high sap flow, March 31 through July 1, may be restricted by the Authorized Officer.
7. Hauling on dirt surfaced roads will be permitted between July 1 and October 15, unless dry conditions extend the hauling season.
8. In the Partial Cut Area, conifer trees will be bucked to a maximum of 40-foot lengths.
9. 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.
10. In the Cable Yarding Area, one-end suspension is required. Lift trees and/or intermediate support trees may be necessary to achieve suspension.
11. Harvest operations in the Ground-based Yarding Area, shall be done using a harvester-forwarder system, tractor, rubber tired skidder, or track mounted log loader.
12. The location and use of yarding roads and harvester roads in the Partial Cut Area shall be approved by BLM prior to use by the Purchaser.
13. Road building and logging equipment will be washed prior to moving into the Contract Area to minimize the spread of noxious weeds.
14. Hand or machine piling is required in Roadside Hazard Reduction Area.
15. BLM will assume supervisory responsibility for disposal of logging slash
16. Depending on winter haul conditions the Authorized Officer may require additional erosion control to prevent sediment from entering stream channels.
17. Pacific yew and hardwood trees other than red alder are reserved from cutting, except within road right-of-ways.

COOS BAY DISTRICT OFFICE  
UMPQUA RESOURCE AREA  
SOUTH COAST

SALE DATE: Apr. 26, 2013  
SALE TIME: 10:00 a.m.

SALE NO. ORC00-TS-2013.0004, THUNDERBOLT CT

**SET-ASIDE SALE**

COOS COUNTY: OREGON: CBWR: ORAL AUCTION: Bid deposit required: \$ 56,600.00

All timber designated for cutting on: T. 26 S., R. 12 W., Sec. 35, SW<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub>; T. 27 S., R. 12 W., Sec. 2, NW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>, NW<sup>1</sup>/<sub>4</sub>; Sec. 3, E<sup>1</sup>/<sub>2</sub>NE<sup>1</sup>/<sub>4</sub>, SE<sup>1</sup>/<sub>4</sub>, 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
7,104	2,244	Douglas-fir	2,611	\$165.70	\$432,642.70
406	36	western hemlock	44	\$101.00	\$4,444.00
7,317	332	western red-cedar	407	\$202.50	\$82,417.50
1,958	300	red alder	400	\$108.10	\$43,240.00
153	12	Port-Orford-cedar	15	\$164.30	\$2,464.50
<b>16,938</b>	<b>2,924</b>	<b>Totals</b>	<b>3,477</b>		<b>\$565,208.70</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 14.0 inches; the average gross merchantable log contains 57 bd. ft.; the total gross volume is approximately 3,686 thousand bd. ft.; and 94% recovery is expected. The average DBHOB for Douglas-fir is 16.7 inches; and the average gross merchantable log contains 69 bd. Ft. The following cruise methods were used for volume determination:

VARIABLE PLOT: Timber volumes in Units 1, 2, and 3 were based on a variable plot cruise. Using a 20 basal area factor (BAF), 275 plots were measured and 230 trees were randomly selected to be sampled. A portion of the sample trees have been felled, bucked, and scaled and a portion of 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. Volume from both methods is then expanded to a total sale volume.

100% CRUISE: The western hemlock, red alder and western redcedar timber volumes 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.

3P: The Douglas-fir within the road right-of-way were cruised using the 3P system to select 28 sample trees. 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 right-of-way volume.

CUTTING AREA: Three units totaling approximately 186 acres must be partial cut and 4 acres of road right-of-way must be clear cut.

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

DIRECTIONS TO SALE AREA: From Coos Bay, travel south on Highway 101 to Coos City-Sumner Co. Road. Turn left, travel approximately 7.9 miles and turn left onto Blue Ridge Road No. 26-12-4.2. Travel 2.7 miles to Road No. 26-12-35.0 road. Refer to Exhibits A and A-1 for unit locations.

ROAD USE & MAINTENANCE: Purchaser shall pay a maintenance obligation to the Government totaling \$12,386.35. Operator maintenance is required on 2.8 miles of road. Purchaser shall pay a Road Use Fee to Pacific West Timber totaling \$4,228.22.

ROAD CONSTRUCTION:

Road construction/improvement estimates include the following:

21.25 stations Class SN-12 road  
27.70 stations Class SN-16 road

Surfacing:

150 cu. yds. of 1.5" minus crushed hardrock  
2128 cu. yds. of 3" minus crushed hardrock  
Drainage rock 30 cu. yds. of 6" minus crushed hardrock  
Riprap barrier 80 cu. yds.

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. Directional felling is required away from roads, property lines, posted boundaries, orange-painted reserve trees, Stream Channels, and snags.
2. No-harvest zones will be maintained adjacent to Stream Channels. Corridor trees felled within the no-harvest zone shall be left on site.
3. Full-log suspension will be required over Stream Channels. Where full suspension cannot be achieved, yarding will occur during the dry season.
4. Within safety standards, harvest trees would 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 armoring if other trees need to be yarded across the channel.
5. Snags that are felled for safety reasons will be left on site.
6. Cutting or yarding during high sap flow, March 31 through July 1, may be restricted by the Authorized Officer.
7. Hauling on dirt surfaced roads will be permitted between June 1 and October 15, unless dry conditions extend the hauling season.
8. In the Partial Cut Area, conifer trees will be bucked to a maximum of 40-foot lengths.
9. 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.
10. In the Cable Yarding Area, one-end suspension is required. Lift trees and/or intermediate support trees may be necessary to achieve suspension.
11. Harvest operations in the Ground-based Yarding Area, shall be done using a harvester-forwarder system, tractor, rubber tired skidder, or track mounted log loader.
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. Road building and logging equipment will be washed prior to moving into the Contract Area to minimize the spread of noxious weeds.
14. Hand or machine piling is required in Roadside Hazard Reduction Area.
15. BLM will assume supervisory responsibility for disposal of logging slash.
16. All ground-based yarding equipment shall be approved by Authorized Officer prior to the use by the Purchaser.
17. Depending on winter haul conditions, the Authorized Officer may require additional erosion control to prevent sediment from entering stream channels.
18. All Pacific yew and hardwood trees other than red alder are reserved from cutting, except within road right-of-ways.
19. Purchaser shall enter into a license agreement with Pacific West Timber.
20. Purchaser will be required to purchase right-of-way timber belonging to Pacific West Timber.