



PROSPECTUS

United States Department of the Interior
BUREAU OF LAND MANAGEMENT
3106 Pierce Parkway, Suite E
Springfield, Oregon 97477
<http://www.blm.gov>



November 18, 2015

Parcel No. 1
Tract No. E-15-527
Siuslaw Resource Area

Steam Donkey Echo

TIMBER SALE NOTICE

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, attached. Written and oral bids will be received by the District Manager, or her representative, at the **EUGENE DISTRICT OFFICE, 3106 PIERCE PARKWAY, SPRINGFIELD, OREGON**. The timber sale will commence at 10:00 a.m. on Thursday, **December 17, 2015**.

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 Register-Guard newspaper on or about November 18, 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.

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.

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

1. Form 5430-11, a certification that the bid was arrived at by the bidder or offerer independently, and was tendered without collusion with any other bidder or offerer.
2. 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, not responsible or refuses to respond within 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.

INSTALLMENT PAYMENTS may be authorized for sales of \$500 or more. Required installments will be determined by BLM. For sales under \$500,000, installments will not be less than 10% of the total purchase price. For sales of \$500,000 or more, installment payments shall be \$50,000.

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.

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. This prospectus includes maps and tables that cannot be made Section 508 compliant. For help with its data or information, please contact the Eugene District Office at (541) 683-6798.

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 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.

AN ENVIRONMENTAL ASSESSMENT was prepared for this sale, and a Finding of No Significant Impact has been documented. These documents are available for inspection as background for this sale at the Eugene District Office.

ACCESS to a sale may be through a locked gate (see individual sale information). Prospective bidders may obtain a key from the Eugene District Office. Any other persons interested in visiting the timber sale site should first contact the District Office at (541) 683-6600.

Attachments:

- Form 5440-9
- Form 5430-11
- Form 5450-17
- Form 5450-22

EUGENE DISTRICT
SIUSLAW RESOURCE AREA

PARCEL NO.: 1
SALE DATE: December 17, 2015

Tract No. E-15-527 Steam Donkey Echo
Lane County, Oregon: O&C

Bid Deposit Required: \$105,300.00

All timber designated for cutting on Lots 1-11 and 13-16, Section 9, Lots 2-6, 11, and 12, Section 23, T. 18 S., R. 7 W.,
Will. Mer.

Estimated Volume 32' Log (MBF)	Species	Estimated Volume 16' Log (MBF)	Appraised Price Per MBF	Estimated Volume Times Approx. Price
3,795	Douglas-fir	4,444	\$ 225.00	\$ 999,900.00
281	Western hemlock	320	\$ 107.00	34,240.00
29	Western redcedar	31	\$ 546.00	16,926.00
9	Bigleaf maple	13	\$ 25.00*	325.00
10	Red alder	11	\$ 78.00	858.00
4,124	TOTALS	4,819		\$ 1,052,249.00

*10 % Pond Value

APPRAISED PRICES are calculated by determining market value through the analytical appraisal method. The minimum bid increment will be \$0.10 per MBF or multiples thereof.

LOG EXPORT RESTRICTIONS: 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.

NOTE: The volume for this timber sale has been calculated using 16 foot eastside Scribner rules, and the 32 foot log volumes are estimates derived from the 16 foot volumes.

CRUISE INFORMATION: Volume for all coniferous species in the Partial Harvest Areas was variable plot cruised. Plot data is then used to calculate v-bar and basal area per acre using the **National Cruise Processing Program**. The basal area was determined with a Relaskop using a 20 BAF. This sale contains a total of 98 plots. 43 sample trees were randomly selected on these plots to determine v-bar. A map showing the location of the sample trees is available at the Eugene District Office.

Volumes for all coniferous species in the Regeneration Harvest Areas have been cruised using the 3P system to select sample trees. A portion of the sample trees have been cruised and the volume computed using the **National Cruise Processing Program** for estimating volume in 16-foot lengths and the volume expanded to a total sale volume. A map showing the location of these sample trees is available at the Eugene District Office.

All species in the right-of-ways have been cruised using the 3P system to select sample trees. The sample trees have been cruised and the volume computed using the **National Cruise Processing Program** for estimating volume in 16 foot lengths and the volume expanded to a total right-of-way volume. A map showing the location and description of these sample trees is available at the Eugene District Office.

With respect to merchantable Douglas-fir (sample) trees: The average tree is 15.7" DBHOB; the average log contains 64 bd. ft.; the total gross merchantable volume is approximately 4,647 MBF; and 95% recovery is expected.

CUTTING AREA: Approximately 109 acres must be partial harvested, approximately 57 acres must be regeneration harvested, and approximately 9.7 acres of right-of-way must be clear cut.

ACCESS: Access to the sale is provided by:

1. A public road;
2. BLM existing roads;
3. BLM roads to be constructed;
4. Roads covered by a Right-of-Way and Road Use Agreement E-308 between Oxbow Timber 1, LLC and the United States. In the use of private roads, the Purchaser shall enter into a license agreement with Oxbow Timber 1, LLC. The license agreement shall be delivered to Oxbow Timber 1, LLC for execution at least 15 days prior to any use of company roads. See the Prospectus for full terms and conditions of use.
5. Roads covered by a Right-of-Way and Road Use Agreement E-308 between Rosboro, LLC and the United States. In the use of private roads, the Purchaser shall enter into a license agreement with Rosboro, LLC.

The license agreement shall be delivered to Rosboro, LLC for execution at least 15 days prior to any use of company roads. See the Prospectus for full terms and conditions.

6. Roads covered by a Cooperative Right-of-Way Agreement between the State of Oregon and the United States. In the use of state roads, the Purchaser shall enter into a license agreement with the Oregon Department of Forestry. The license agreement shall be delivered to the Oregon Department of Forestry for execution at least 15 days prior to any use of state roads. See the Prospectus for full terms and conditions of use.

ROAD MAINTENANCE: The Purchaser shall pay Oxbow Timber 1, LLC road maintenance and rockwear fees estimated at \$48,687.33. The Purchaser shall pay Rosboro, LLC road maintenance fees of \$2,086.15. The Purchaser shall pay the Oregon Department of Forestry rockwear fees estimated at \$24.06. The Purchaser shall pay BLM a road maintenance fee of \$22,376.23 and a rockwear fee of \$8,323.88. In addition to the quantities shown below, 200 cubic yards (truck measure) of maintenance rock is required. Additional road reinforcement (rocking) may be required for wet weather haul and will be at the Purchaser's expense. Load tickets are required for maintenance rock accounting. See Exhibit D map for specification of road maintenance responsibility. Only the map page of Exhibit D is included in the Prospectus. Refer to the contract file for the full Exhibit D.

ROAD CONSTRUCTION:

Spurs A-B, Road Nos: 18-7-9.10, -9.11, -9.12, -9.13, -23.6 Ext., -23.10 Ext., -23.11

Class: SN-14

Length: 34.49 stations

Special Requirements in Road Construction: Operations limited to periods of dry weather. End haul waste material from full bench portions of Road Nos. 18-7-9.12 and -23.11 is required. Wildlife restrictions in effect for Road Nos. 18-7-9.11 and -9.12.

ROAD RENOVATION:

Road Nos: 18-7-9, -9.1, -9.2, -9.8, -9.9, -23.6, -24.1

Class: SN-14

Length: 177.93 stations

Special Requirements in Road Renovation: Wildlife restrictions in effect for Road Nos. 18-7-9, -9.1, -9.2, and -9.8.

ROAD IMPROVEMENT:

Road Nos: 18-7-9, -9.1, -23.9, -23.10

Class: SN-14

Length: 14.78 stations

Special Requirements in Road Improvement: Operations limited to periods of dry weather.

Total Estimated Exhibit C Road Costs (construction, renovation and improvement): \$324,191.71

Suggested Rock Source: Commercial, Noti Vicinity

Surfacing: 3/4" minus / 1-1/2" minus / 3" minus / 6" minus / Jaw Run

Estimated Quantity: 200 / 1,855 / 1,897 / 3,391 / 30 cy (truck measure)

Culverts:

<u>Diameter:</u>	<u>Length:</u>	<u>Number:</u>
18"	360	11

DURATION OF CONTRACT: Duration of the contract will be 36 months for cutting and removal of timber.

SPECIAL PROVISIONS: The contract will contain special provisions regarding road construction, road renovation, road improvement, road maintenance, logging methods, prevention of erosion, falling of snags, creation of coarse woody debris, falling of all trees designated for cutting, logging residue reduction, and submission of a written logging plan specifying spur road locations, landing locations, logging methods, and logging schedule.

Under Sec. 26 of the timber sale contract, tractor logging will be prohibited during periods of excessive soil moisture. This will normally limit tractor logging to July, August, and September.

It is estimated that approximately 344 MBF of additional timber, such as corridor and guyline trees, may be removed under the contract, but it is not included in the advertised sale volume, nor is it included in the timber sale appraisal.

OTHER SPECIAL REQUIREMENTS:

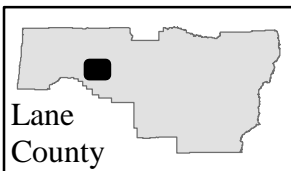
- The Exhibit F contains explicit instruction on requirements for equipment and personnel involved in fire line construction, broadcast burning, pile burning, and mop up.
- No yarding or hauling shall be conducted on native surfaced roads during periods of wet weather as determined by the Authorized Officer.
- Yarding shall be done with a carriage equipped skyline capable of yarding 1600 feet slope distance in the Partial Harvest Areas and Regeneration Harvest Areas on slopes greater than 35%.
- Pink marked trees within the Regeneration Harvest Areas, cut for safety or operational reasons shall remain on site.
- Approximately 30 trees are marked with yellow paint above and below breast height in the Approximate Location of Special Habitat Tree. These trees shall not be felled or damaged during logging operations.
- Fifteen trees marked with a band of orange paint and/or a yellow metal seed tree tag are reserved for the tree improvement program.
- In the Special Tailhold Area, approval from the Authorized Officer shall be obtained prior to attaching logging equipment to any tree.
- During the use of Road Nos. 18-7-9.6, 18-7-16, and 18-7-23.1 (Pataha Ridge), these roads shall not be blocked for more than 20 minutes at a time during operating hours and shall be cleared at the end of each day.
- Within the Special Operating Area shown on Exhibit A, with the exception of hauling, daily operations shall not be permitted from April 1 through August 5 of each year, both days inclusive.
- Within the Special Operating Area shown on Exhibit A, daily operations shall not begin until at least 2 hours after sunrise and shall cease at least 2 hours prior to sunset from August 6 through September 15 of each year, both days inclusive.
- The Purchaser shall rock Spurs A and B, and Road Nos. 18-7-9, 18-7-9.1, 18-7-9.2, 18-7-9.8, 18-7-9.9, 18-7-9.10, 18-7-9.11, 18-7-9.12, 18-7-9.13, 18-7-23.6, 18-7-23.6 Ext., 18-7-23.9, 18-7-23.10, 18-7-23.10 Ext., and 18-7-23.11 for wet weather haul.
- In the Special Yarding Areas, with the exception of hauling, no operations, including fueling of vehicles or equipment, would occur during periods of excessive wet weather and soil saturation as determined by the Authorized Officer. Logging slash shall not be piled within the Special Yarding Areas.
- In the Prohibited Landing Area, no decking of logs or landing construction shall occur on Road No. 18-7-23.10. Trees shall be directionally felled away from the road and equipment shall not operate within this area, with the exception of hauling and moving equipment on Road No. 18-7-23.10. The Purchaser shall yard logs to areas outside of the Prohibited Landing Area.
- Approximately 347 trees marked with green paint shall be felled and retained on site, where felled, for coarse woody debris creation.
- Artificial anchors may be necessary when yarding to the end of Road No. 18-7-9.2.
- Upon completion of hauling, all decommissioning shall be completed during the dry season and as directed by the Authorized Officer. Decommissioning measures may include:
 - Decompact skid trails and native surfaced roads with decompaction equipment, such as a track mounted excavator.
 - Construct drainage dips, waterbars, and/or lead-off ditches.
 - Place logging slash greater than 6 inches in diameter, where available, on road surfaces in a discontinuous pattern.
 - Block at entry points using earthen barricades, stumps, slash, and/or cull logs.
 - Construct waterbars within 25 feet upslope of all remaining cross drains on Road No. 18-7-9.12. Key waterbars into existing ditches and construct ditch dams.

OPTIONAL CONTRIBUTION: The Purchaser will have the option of performing pile burning or contributing \$1,160.05 in lieu thereof. The Purchaser will also have the option of performing prescribed burning and mop up or contributing \$26,177.70 in lieu thereof. These options must be declared prior to contract execution. Piling, covering, and fire line construction are not included in the Optional Contribution and will remain the responsibility of the Purchaser.

NARRATIVE DESCRIPTION OF HOW TO GET TO THE TIMBER SALE AREA: Access to the sale is through two locked gates over private roads. Prospective bidders may obtain a key from the Eugene District Office and proceed to the sale area. Any other persons interested in visiting the timber sale site should first contact Christopher Finn at (541) 683-6421.

To access Partial and Regeneration Harvest Area 2: From Veneta, travel south on Territorial Highway (State Highway 200) approximately 0.6 miles to Bolton Hill Road (County Road 4062). Travel west approximately 3 miles. Continue west onto Vaughn Road (County Road 4335) for approximately 2 miles. Turn south on Road No. 18-6-8 (A-Line) and travel approximately 4.1 miles. Continue onto Road No. 18-6-21 (D-Line) and travel approximately 4.4 miles. Continue onto Road No. 18-7-23.1 (Pataha Ridge) and follow the Timber Sale Area signs to the timber sale.

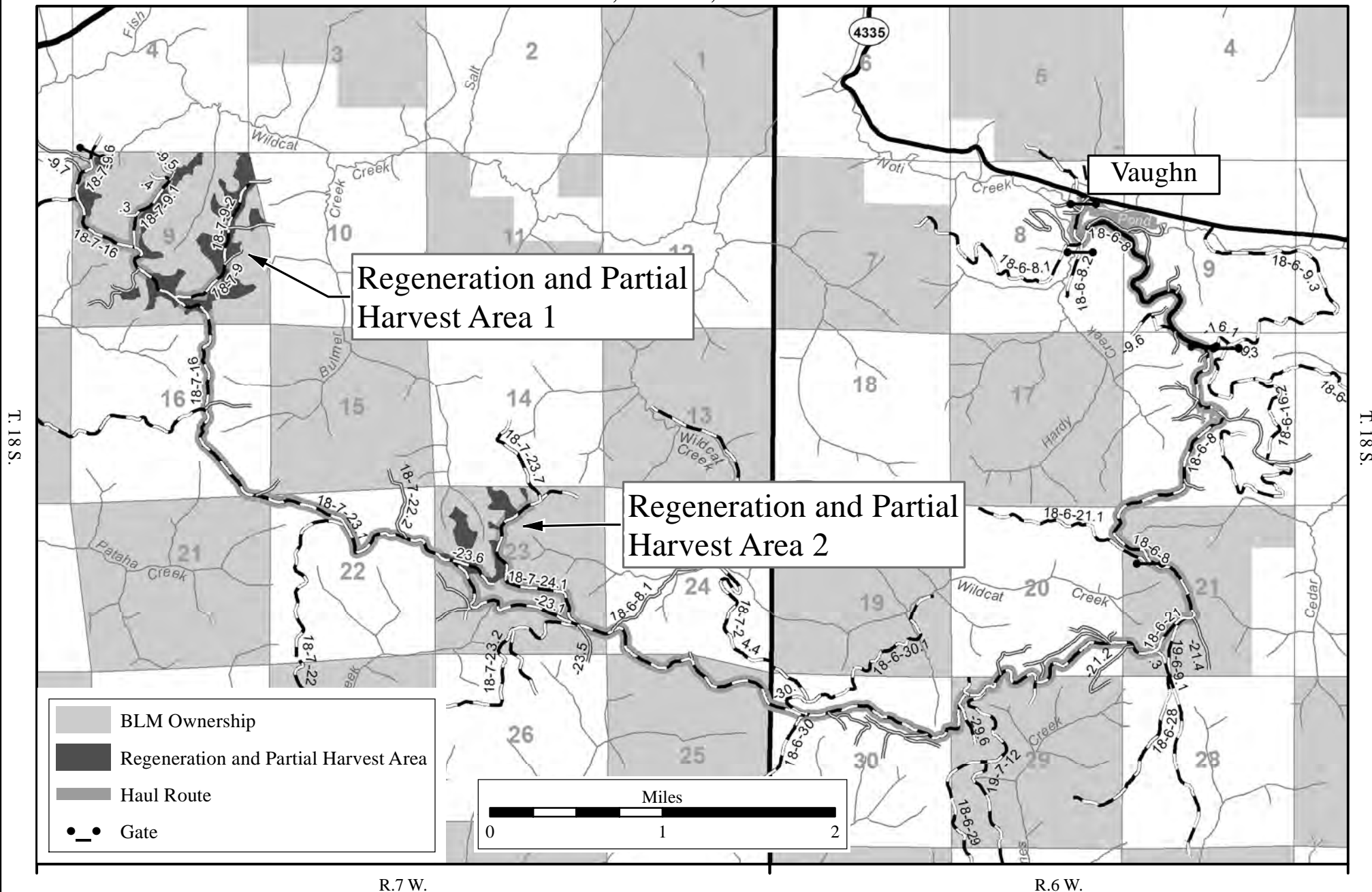
To access Partial and Regeneration Harvest Area 1: From Partial and Regeneration Harvest Area No. 2 turn west onto Road No. 18-7-23.1 (Pataha Ridge) and travel approximately 1.9 miles. Continue north onto Road No. 18-7-16 and follow the Timber Sale Area signs to the timber sale.



Timber Sale Location Map






Steam Donkey Echo

T. 18 S., R. 7 W., Sec. 9 & 23



Seasonal Restriction Matrix

Restricted Periods are Shaded and X'd; 2-hour daily timing restrictions are X'd only.

	Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15
All operations except hauling																								
<u>Special Operating Area</u> <ul style="list-style-type: none"> April 1 – August 5, both days inclusive: Operations are prohibited. August 6-September 15, both days inclusive: Operations shall not begin until 2 hours after sunrise and shall cease 2 hours prior to sunset. 																								
																								
Felling, yarding or loading																								
<u>Partial and Regeneration Harvest Areas</u> <ul style="list-style-type: none"> April 15 – June 15, both days inclusive. Sap flow seasonal restriction may be conditionally waived. 																								
																								
Ground-based yarding																								
<u>Partial and Regeneration Harvest Areas</u> <ul style="list-style-type: none"> Typically October 15 – June 30; may vary due to weather conditions. 																								
																								
Right-of-way logging and clearing																								
<u>Right-of-Way Areas</u> <ul style="list-style-type: none"> Typically October 1 – May 31; may vary due to weather conditions. 																								
																								
Hauling on native-surfaced roads																								
<u>Partial and Regeneration Harvest Areas</u> <ul style="list-style-type: none"> Typically October 15 – May 31; may vary due to weather conditions. 																								
																								

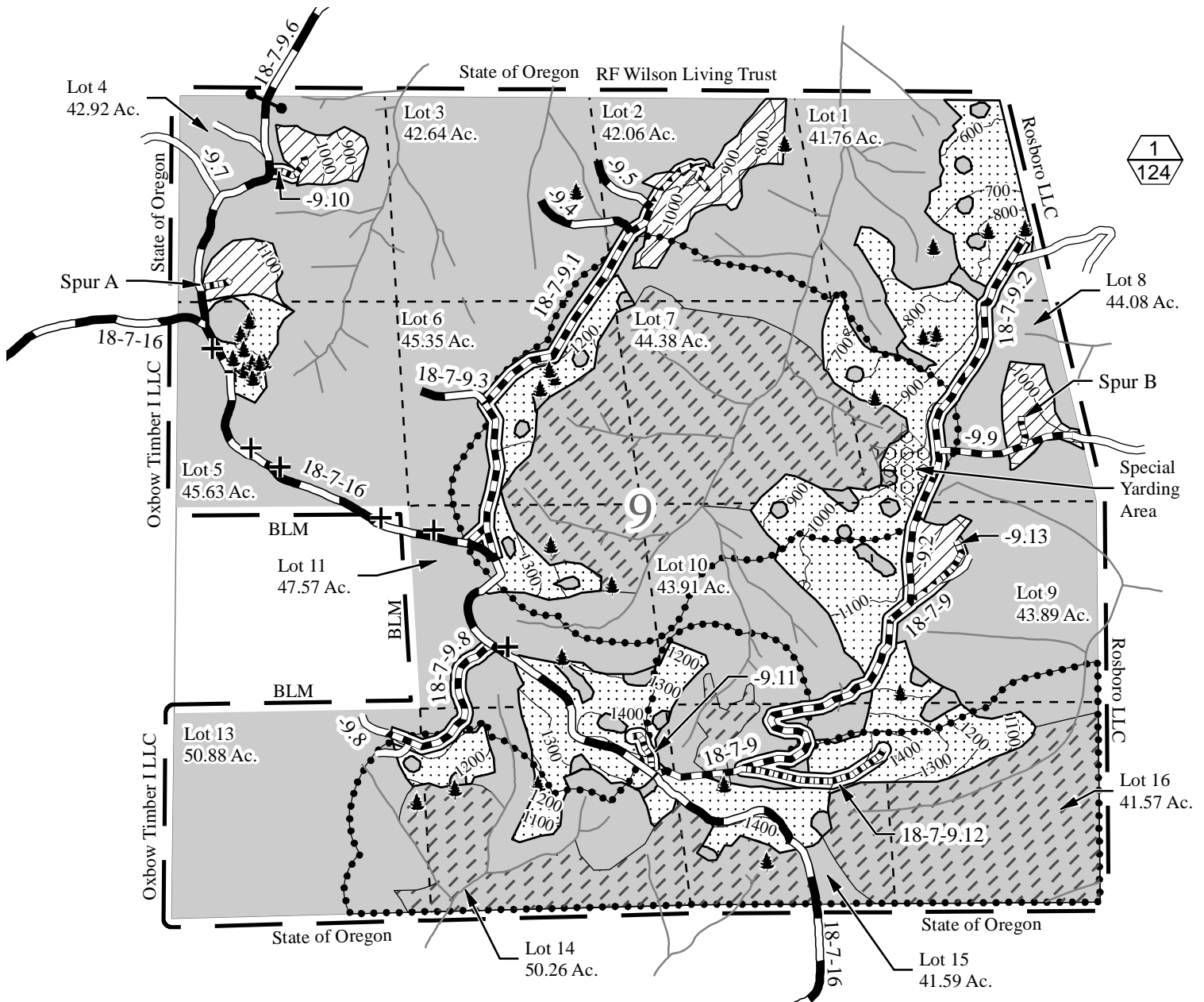
NOTE: This chart is for informational purposes only. Refer to Section 42 Special Provisions of the timber sale contract for exact date restrictions and stipulations.



UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management, Eugene District

Steam Donkey Echo Timber Sale Contract No.: ORE05-TS16-527
T. 18 S., R. 7 W., Sec. 9, Will. Mer.

Exhibit A
Sheet 1 of 2



- Boundary - Contract Area
- Partial Harvest Area
- Regeneration Harvest Area
- Clearcut (R/W) Area
- Special Operating Area
- Special Tailhold Area
- Special Yarding Area
- Reserve Area
- Harvest Area # (Top)/
Harvest Area Acres (Bottom)
- Approximate Location
of Superior Tree (7)
- Approximate Location Of
Special Habitat Tree (29)
- Stream
- Rock Surface Road
- Other Road
- Road Renovation
- Road Improvement
- Road Construction
- Gate

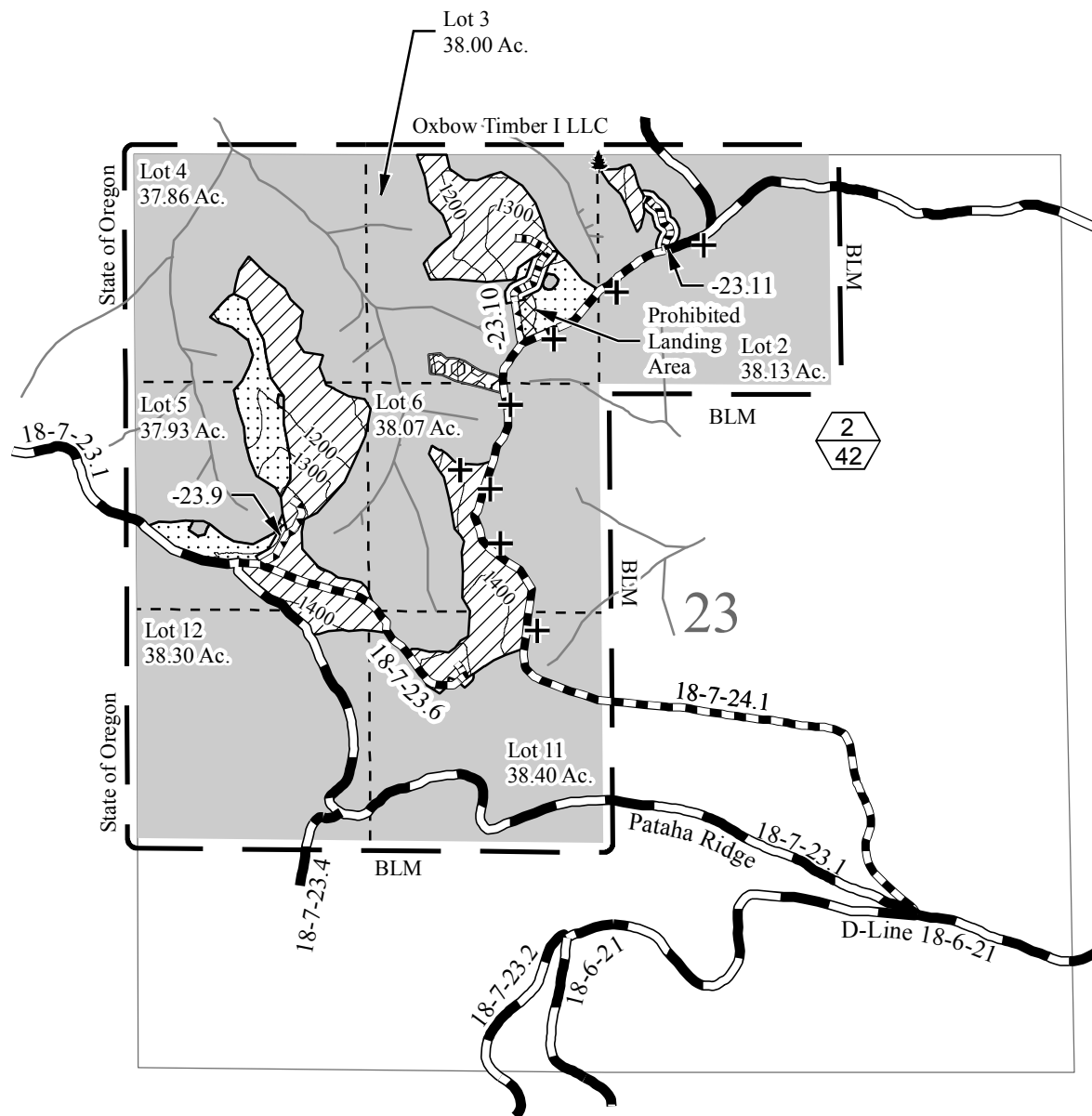
Partial Harvest Area	100.00
Regeneration Harvest Area	24.00
Clearcut (R/W) Area	8.70
Reserve Area	535.79
Contract Area	668.49 Ac.
<hr/>	
Total Partial Harvest Area	109.00
Total Regeneration Harvest Area	57.00
Total Clearcut (R/W) Area	9.70
Total Reserve Area	759.48
Total Contract Area	935.18 Ac.

Feet
0 500 1,000 1,500



UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management, Eugene District
Steam Donkey Echo Timber Sale Contract No.: ORE05-TS16-527
T. 18 S., R. 7 W., Sec. 23, Will. Mer.

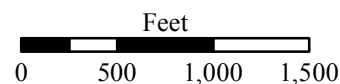
Exhibit A
Sheet 2 of 2



- Boundary - Contract Area
- Partial Harvest Area
- Regeneration Harvest Area
- Clearcut (R/W) Area
- Reserve Area
- Prohibited Landing Area
- Special Yarding Area
- Harvest Area # (Top)/
Harvest Area Acres (Bottom)

- + Approximate Location
of Superior Tree (8)
- Approximate Location Of
Special Habitat Tree (1)
- Stream
- Rock Surface Road
- Other Road
- Road Renovation
- Road Improvement
- Road Construction

Partial Harvest Area	9.00
Regeneration Harvest Area	33.00
Clearcut (R/W) Area	1.00
Reserve Area	223.69
Contract Area	266.69 Ac.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

EXHIBIT B

LUMP SUM SALE

Contract No.

ORE05-TS16-527

Steam Donkey Echo

The following estimates and calculations of value of timber sold are made solely as an administrative aid for determining: (1) adjustments made or credits given in accordance with Secs. 6, 9, or 11; (2) when payments are due; and (3) value of timber subject to any special bonding provisions. The value of timber will be determined by multiplying the value per acre as shown below, times the amount of acreage as determined by the Authorized Officer, which has been cut or removed or designated for taking. Except as provided in Sec. 2, Purchaser shall be liable for total purchase price even though quantity of timber actually cut or removed or designated for taking is less than the estimated volume or quantity shown. Cutting areas are shown on **Exhibit A**.

SPECIES	ESTIMATED VOLUME OR QUANTITY (Units Specified)	PRICE PER UNIT	AMOUNT OF ESTIMATED VOLUME OR QUANTITY X UNIT PRICE
Douglas-fir	4,444 MBF		
Western hemlock	320 MBF		
Western redcedar	31 MBF		
Bigleaf maple	13 MBF		
Red alder	11 MBF		
TOTALS	4,819 MBF		

The apportionment of the total purchase price is as follows:

Partial Harvest Area No. 1 – 100 Acres (21.0 MBF/Acre)
 Douglas-fir 1,921 MBF
 Western hemlock 163 MBF
 Western redcedar 18 MBF
 2,102 MBF

ReGen Area No. 1 – 24 Acres (40.5 MBF/Acre)
 Douglas-fir 883 MBF
 Western hemlock 87 MBF
 Western redcedar 3 MBF
 973 MBF

Partial Harvest Area No. 2 – 9 Acres (21.1 MBF/Acre)
 Douglas-fir 173 MBF
 Western hemlock 15 MBF
 Western redcedar 2 MBF
 190 MBF

ReGen Area No. 2 – 33 Acres (43.0 MBF/Acre)
 Douglas-fir 1,358 MBF
 Western hemlock 53 MBF
 Western redcedar 8 MBF
 1,419 MBF

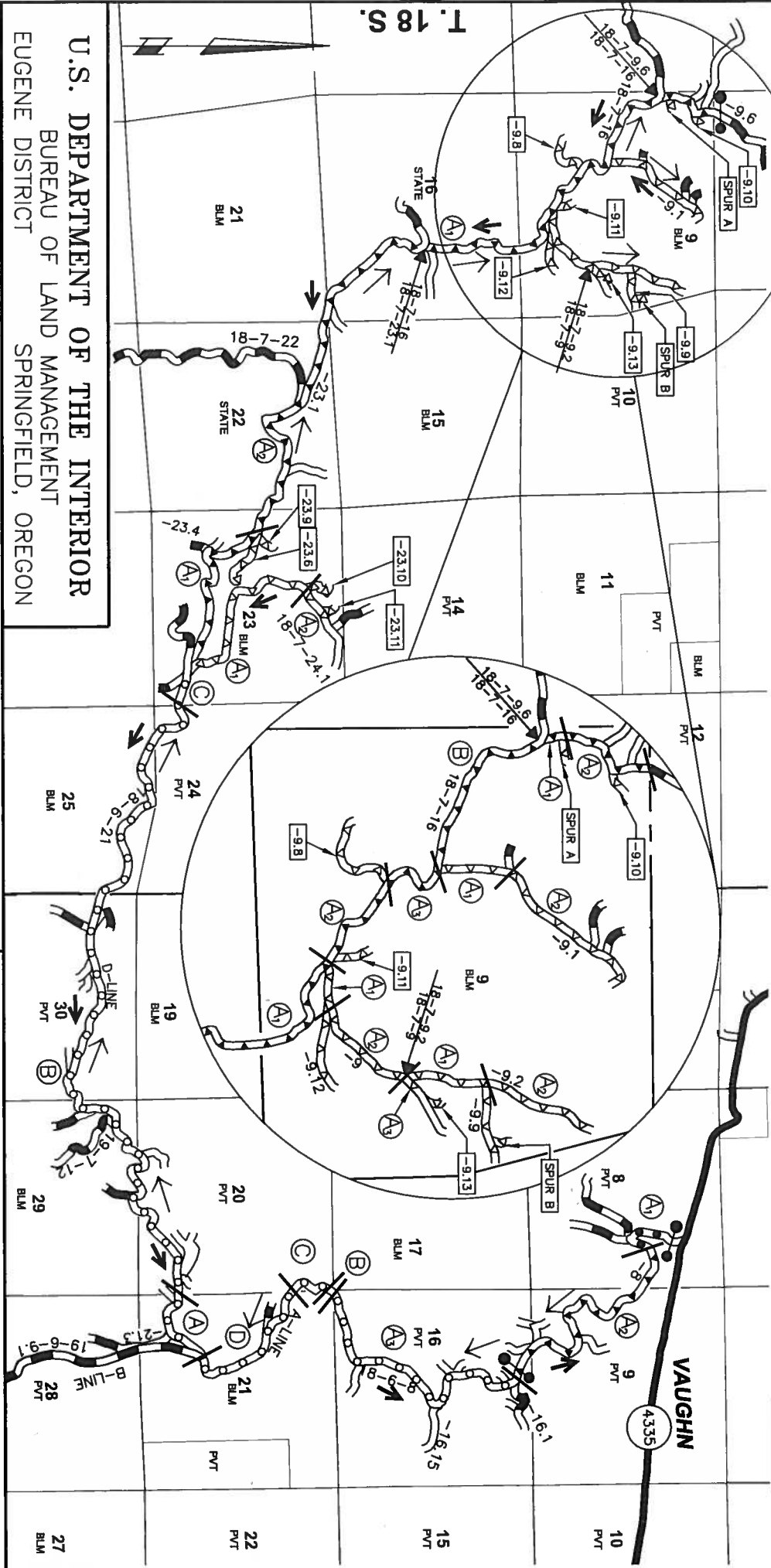
R/W Area No. 1 – 8.7 Acres (14.1 MBF/Acre)
 Douglas-fir 97 MBF
 Western hemlock 2 MBF
 Bigleaf maple 13 MBF
 Red alder 11 MBF
 123 MBF

R/W Area No. 2 – 1 Acre (12.0 MBF/Acre)
 Douglas-fir 12 MBF

R. 7 W.

R. 6 W.

EXHIBIT D



U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SPRINGFIELD, OREGON
EUGENE DISTRICT

SALE NAME: STEAM DONKEY ECHO
CONTRACT NO.: ORE05-TS16-527

LEGEND

- BLM MAINTAINED ROADS
- PURCHASER MAINTAINED ROADS
- ROSBORO MAINTAINED ROADS
- OT1 MAINTAINED ROADS
- TIMBER HAUL ROUTE
- MINERAL HAUL ROUTE
- SEGMENT/PORTION BREAK
- SEGMENT PORTION
- PAVED ROAD
- ROCKED ROAD
- NATIVE ROAD
- GATE

ROAD MAINTENANCE MAP

T.18S., R.7W.,
&
T.18S., R.6W.,
WILLAMETTE MERIDIAN
LANE COUNTY, OREGON

DESIGNED BY: E. WERNECKE
DRAWN BY: E. WERNECKE
DATE: OCTOBER 5, 2015

SPECIAL PROVISIONS FOR LOGGING RESIDUE REDUCTION

Upon completion of harvest on any individual units, logging slash at all landings, and slash for site preparation on designated units, as approved or directed by the Authorized Officer, shall be treated as follows:

CONSTRUCTION AND COVERING OF LANDING AND ROADSIDE PILES

1. Purchaser shall pile logging slash at all landings, except in the Special Yarding Areas as shown on Exhibit A, as directed by the Authorized Officer.
2. All logs greater than six (6) inches in diameter at the large end and longer than eight (8) feet in length shall be decked or windrowed at the location designated by the Authorized Officer except logs sold and removed from the contract area.
3. All slash greater than one (1) inch in diameter, up to and including six (6) inches in diameter on the large end, having a minimum length of three (3) feet shall be piled. Prior to piling, all pieces greater than twenty (20) feet in length shall be bucked, or piled separately as directed by Authorized Officer.
4. Prior to commencement of mechanized slash work, all equipment must be cleaned prior to entering of BLM lands, as approved by Authorized Officer.
5. Equipment used shall be equipped with a hydraulic thumb or a controllable, grapple head. The machine shall have a minimum reach of twenty-five (25) feet and shall travel on the road only.
6. All piles shall be compact and free of dirt, gravel or other noncombustible material. Protruding pieces shall be trimmed to allow covering in a manner that permits the piles to shed water. Height shall be at least six (6) feet and no greater than twelve (12) feet. Width shall be not less than twelve (12) feet or greater than twenty-four (24) feet or as directed by the Authorized Officer. Piles shall not have a width greater than two times the height.
7. Piling shall be completed within thirty (30) days of the completion of yarding for each landing.
8. All piles shall be covered with black plastic or equivalent, four (4) mil. thick. Each pile shall have a minimum 10 foot x 10 foot cover, and covering shall be securely anchored to the pile with combustible cord to the satisfaction of the Authorized Officer. All covering shall be completed on piles by September 15th of each year, or as directed by the Authorized Officer.
9. Piles shall be located as directed by the Authorized Officer. No pile shall be located on down logs or within ten (10) feet of any other pile, reserve trees, or culverts unless approved by the Authorized Officer.
10. All piles must be accepted in writing by the Authorized Officer. Once accepted, piles are considered relinquished by the Purchaser.
11. Upon completion of harvest, all resulting piles will be burned as authorized by the Authorized Officer and in accordance to Special Provisions 12-19.

PILE BURNING

12. Notwithstanding the provisions of Section 15 of this contract, the Government shall assume all obligations for the disposal or reduction of the fire hazards caused by slash created by the Purchaser's operations on Government lands, except for logging residue reduction, slash pullback operations listed above, and burning and fire control assistance as required herein.

Upon phone notification by the Authorized Officer of required performance prior to ignition, the Purchaser shall, under supervision of the Authorized Officer or his designated representative, assist in pile burning and fire control. In addition, debris which has been buried at landings and is determined to be the source of holdover fire shall be excavated by the Purchaser with a tractor and/or hydraulic excavator as directed by the Authorized Officer.

13. The Purchaser shall furnish, at his own expense, the services of personnel and equipment on all units requiring burning as shown below:
 - (a) One (1) work leader (Firefighter Type 1 (FFT1)) to supervise crew and to serve as Purchaser's representative.
 - (b) At least one (1) additional firefighter (Firefighter Type 2 (FFT2)) for ignition of piles.
 - (c) Drip torches and slash fuel (3:1 ratio of diesel to gasoline, or biofuel equivalent).
 - (d) Aluma-gel or other incendiary device.
 - (e) One (1) chain saw with fuel.
 - (f) One (1) hand tool per above listed personnel.
14. All listed personnel shall be physically fit, experienced and fully capable of functioning as required. In addition, all listed personnel shall be qualified according to the National Wildfire Coordinating Group (NWCG) Wildland Fire Qualification System Guide, PMS-310-1 and provide documentation of these qualifications. On the day of ignition all listed personnel shall be fluent in speaking and understanding English, clothing shall consist of long pants and long sleeved shirts, and be of approved aramid fabric (Nomex™ or equivalent), as well as being free of diesel fuel oil. All personnel shall wear lug sole boots with minimum eight (8) inch tall uppers that provide ankle support, approved hardhats and leather gloves. Personnel who do not meet these requirements or do not have proper clothing and personal protective equipment (PPE) will not be allowed to participate.
15. All listed tools and equipment shall be in good usable condition. All power-driven equipment shall be fully fueled and available for immediate use. During periods of use under this subsection, the Purchaser shall provide fuel and maintenance for all such power-driven equipment.
16. In the event of a fire escapement, the Purchaser's personnel and equipment shall, under supervision of the Authorized Officer or his designated representative, take action to control and mop-up the escaped fire until released from such service by the Government. If it becomes necessary to suppress a fire which escapes from the prescribed fire area for a period beyond midnight of the day following ignition, then the Government shall, at its option:
 - (a) Reimburse the Purchaser for such additional use of personnel and equipment at wage rates shown in the current Administratively Determined Pay Rates for the Western Area and at equipment rates shown in the current Oregon-Washington Interagency Fire Fighting Equipment Rental Rates schedule until the Purchaser is released from such service by the Government, or
 - (b) Release the Purchaser from additional suppression work and assume responsibility for suppressing the escaped fire.
17. In case of injury to personnel or damage to equipment furnished as required by this subsection, liability shall be borne by the Purchaser, unless such injury or damage is caused by Government negligence.
18. The Purchaser may be required to burn slash on a 12 hour notice, 10 days after the initial notice is received. Burning may need to be accomplished at night or on Saturday, Sunday, or holidays. Time is of the essence in complying with this provision. In the event the Purchaser fails to provide the personnel and equipment required herein, the Purchaser shall be responsible for all additional cost incurred by the Government in disposing of slash including but not limited to the wages and other costs of providing federal employees and others as substitute labor force, the cost of providing substitute equipment and appropriate additional overhead expenses.

If the Purchaser's failure results in a deferral of burning and new conditions necessitate additional site preparation work and/or the use of additional personnel and equipment to accomplish the planned burn, the Purchaser also shall be responsible for such additional costs.

19. The Purchaser must obtain a Permit to Use Fire or Power-Driven Machinery from the Oregon Department of Forestry. Burning will be done in accordance with Oregon Administrative Rule 629-48 as well as a Burn Plan approved by the BLM.

FIRE LINE CONSTRUCTION

20. Prescribed fire lines will be constructed and shall be cleared of all brush and woody material, including overhanging material, for a width of not less than six (6) feet and on the exterior edge of which a continuous line not less than twenty-four (24) inches wide shall be excavated to mineral soil. All brush and woody material must be scattered ten (10) feet or more from the outer edge of the fire line. No piling or windrowing will be accepted (see Sheets 7 and 8 of this Exhibit for approximate location). All prescribed fire lines will be constructed by hand. Prescribed fire line is not to exceed eleven thousand (11,000) horizontal feet in length. Water bars shall be constructed and maintained on the fire lines as approved by the Authorized Officer. Operations required by this provision shall begin within thirty (30) days after completion of logging of the Regeneration Harvest Area and shall be concluded within sixty (60) days after completion of logging of the Regeneration Harvest Area or as directed by the Authorized Officer.
- (a) Water bars shall be constructed on all fire lines. The water bar shall consist of a diagonal ditch across the portion of the fire line cleared to mineral soil. The water bar shall be six (6) inches deep and shall extend one (1) foot beyond the width of the prescribed fire line.
- (b) Water bar spacing -- Percent of Slope: 0% to 9% - None required; 10 to 29% - 1 (one) water bar every 300 feet; 30% to 59% - 1 (one) water bar every 150 feet; 60%+ - 1(one) water bar every 100 feet.

BROADCAST BURNING

21. Within the Potential Area of Broadcast Burning as shown on Sheets 7 and 8 of this Exhibit, the Purchaser shall conduct a prescribed fire. The burn unit shall not exceed 35 acres.
22. Prescribed Fire Specifications
- (a) The Potential Area of Broadcast Burning shall not be burned until all landing pile burning is completed within the unit.
- (b) All ignitions shall be done by hand with drip torches, propane burners, or other methods as approved by the Authorized Officer.
- (c) Ignition shall be done in a method agreed upon in the Slash Disposal and Site Preparation Pework described in Section 42(d)(2)(aa).
- (d) Active ignition shall cease at the edge of the Potential Area of Broadcast Burning. No fuel, retardant, or surfactant shall be allowed in the Regeneration Harvest Areas or near streams shown on Exhibit A.
- (e) The Authorized Officer shall be on site during periods of active ignition and burning.
23. Mop-up Specifications
- (a) The burn perimeter shall be secured to the satisfaction of the Authorized Officer before the crew can be released for the first night. Stipulations will be listed within the Burn Plan.
- (b) Mop-up shall continue the following days until there is no further flaming or smoldering anywhere in the Potential Area of Broadcast Burning.
- (c) Use of surfactants will be limited, as directed by the Authorized Officer.

- (d) The timeline for mop-up may be accelerated due to smoke, weather, or other concerns, as determined by the Authorized Officer.

24. Notwithstanding the provisions of Sec. 15 of this contract, the Government shall assume all obligations for disposal or reduction of fire hazards created by the Purchaser's operations on Government lands, except for stipulations described in Section 42(d). In accordance with written instructions to be issued by the Authorized Officer at least ten (10) days in advance of the earliest date of required performance, the Purchaser shall, under supervision of the Authorized Officer or designated representative, assist in preparing units for burning, mop-up, and patrol by furnishing at Purchaser's own expense, the services of personnel and equipment on each unit as shown below.

- (a) For Hand Igniting and Burning within the Potential Area of Broadcast Burning, as shown on Sheets 7 and 8 of this Exhibit, all qualifications are defined according to National Wildfire Coordinating Group (NWCG) Wildland Fire Qualifications System guide, PMS 310-1. Qualifications and equipment levels are the minimum and may exceed those stated.

- (1) One (1) Burn Boss (RXB2) to supervise crews and equipment operators and to serve as Purchaser's representative.
- (2) One (1) Firing Boss (FIRB).
- (3) One (1) twenty (20) person hand crew, including a designated crew foreman. The crew shall be equipped with fuel, twenty (20) drip torches or propane burners, eight (8) fire shovels, eight (8) pulaskis, two (2) power saws, one (1) backpack pump, and enough radios to facilitate inter-crew communications.
- (4) One (1) Type 3 or 4 engine with operator (ENGB/ICT4) and two (2) crew members. Engine must be equipped with drafting capability and compressed air foam system (all engines must meet or exceed typing standards, including inventory, from the Fire Line Handbook Appendix A).
- (5) One (1) water tender truck with driver. The water tender truck shall have two thousand five hundred (2,500) gallon capacity or more.
- (6) Three (3) Type 6 engines with operators (ENGB/ICT4) and one (1) crew member. Engine must be equipped with foam and drafting capability.
- (7) Two (2) portable pumps with fuel and equipment to draft water.
- (8) One thousand five hundred (1,500) feet of one and one half (1½) inch hose, one thousand (1,000) feet of one (1) inch hose, five hundred (500) feet of three-quarter (¾) inch hose, twelve (12) one and a half (1½) inch gated wye valves, fifteen (15) one and a half (1½) inch to one (1) inch reducers, six (6) one (1) to three-quarter (¾) inch reducers, ten (10) one (1) inch combination fog and stream nozzles, and six (6) one and one half (1½) inch combination fog and stream nozzles.
- (9) All hose couplings shall have the standard thread adopted by the State Fire Marshall pursuant to ORS 476.610 as amended.

- (b) Mop-up of Potential Area of Prescribed Burn.

- (1) One (1) Burn Boss (RXB2) to supervise crews and equipment operators and to serve as Purchaser's representative.
- (2) One (1) twenty (20) person hand crew, including a designated crew foreman. The crew shall be equipped with fuel, twenty five (25) drip torches or propane burners, eight (8) fire shovels, eight (8) pulaskis, two (2) power saws and one (1) backpack pump.
- (3) One (1) tank truck with driver. The tank truck shall have two thousand five hundred (2,500) gallon capacity or more.
- (4) Two (2) Type 6 engines with operators (ENGB/ICT4) and one (1) crew member. Engine must be equipped with foam and drafting capability (all engines must meet or exceed typing standards, including inventory, from the Fire Line Handbook Appendix A).
- (5) Two (2) portable pumps with fuel and equipment to draft water.

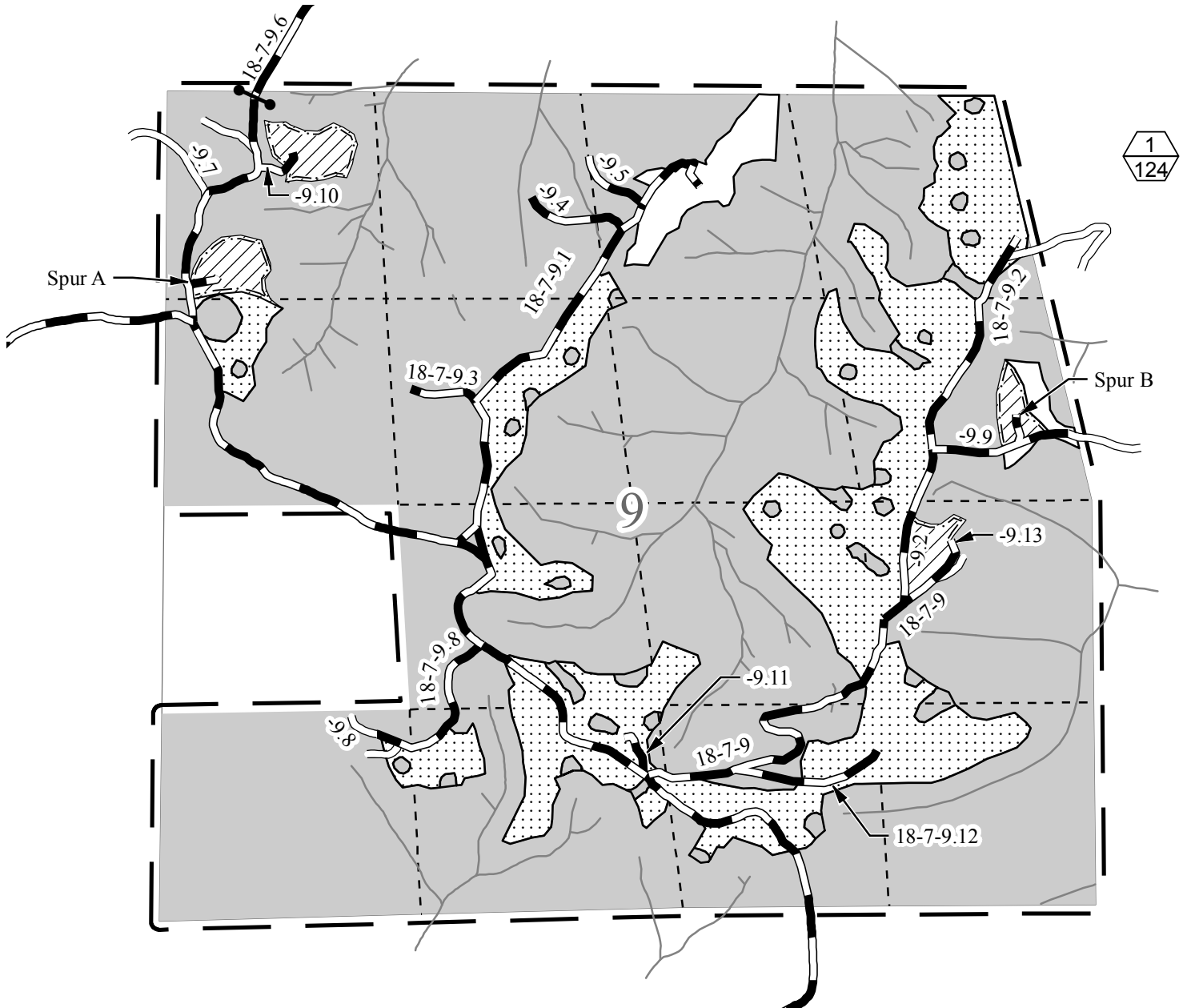
- (6) One thousand five hundred (1,500) feet of one and one half (1½) inch hose, one thousand (1,000) feet of one (1) inch hose, five hundred (500) feet of three-quarter (¾) inch hose, twelve (12) one and a half (1½) inch gated wye valves, fifteen (15) one and a half (1½) inch to one (1) inch reducers, six (6) one (1) to three quarter (¾) inch reducers, ten (10) one (1) inch combination fog and stream nozzles, and six (6) one and one half (1½) inch combination fog and stream nozzles.
 - (7) All hose couplings shall have the standard thread adopted by the State Fire Marshall pursuant to ORS 476.610 as amended.
- (c) Aircraft and pilots used for logging residue reduction or the suppression of escaped fires from logging residue reduction operations shall be acquired from a list of aircraft and pilots approved (i.e., carded for these specific activities) by the Office of Aircraft Services or the U.S. Forest Service. This list is available from BLM District Offices upon request.
- (d) All listed personnel shall be physically fit, experienced, and fully capable of functioning as required. All personnel shall arrive at the project areas with the following personal safety equipment: long sleeve natural fabric shirt, full length natural fabric trousers, minimum eight (8) inch top leather boots, hardhat, and leather gloves. All personnel shall wear long pants and long sleeve shirts, lug soled leather boots with minimum eight (8)-inch uppers that provide ankle support, approved hardhat, and leather gloves. All personnel directly involved in burning operations shall wear clothing made of approved aramid fabric (Nomex or equivalent) and shall carry an approved fire shelter.
- (e) All listed tools and equipment shall be in good usable condition. All power- driven equipment shall be fully fueled and available for immediate use. During periods of use under this subsection, the Purchaser shall provide fuel and maintenance for all such power-driven equipment. In addition, all listed personnel directly involved in burning operations shall be certified Fire Fighters qualified according to National Wildfire Coordinating Group (NWCG) Wildland Fire Qualification System guide, PMS 310-1 and provide documentation. The work leaders must be fluent in English and be able to effectively speak to all crew members under their direction. Personnel who do not meet these requirements or who do not have proper clothing and personal protective equipment (PPE) will not be allowed to participate.
- (f) Except as provided hereafter for fire escapement, the Purchaser shall continue the required assistance in mop-up of each unit burned as shown on Sheets 7 and 8, required in Special Provision 24(a) and 24(b) for three hundred (300) work hours for each burn unit as directed by the Authorized Officer within a thirty (30) day period for each burn unit beginning 8:00 a.m. the day following completion of ignition in that unit or until released from such services by the Authorized Officer, whichever occurs first.
- (g) In the event of a fire escapement, Purchaser's personnel and equipment shall, under supervision of the Authorized Officer or designated representative, take action to suppress, including control and mop-up, the escaped fire until released from such service by the Government. If it becomes necessary to suppress a fire which escapes from the prescribed fire area for a period beyond midnight of ignition day, then the Government shall, at its option:
- (1) Reimburse the Purchaser for such additional use of personnel and equipment at wage rates shown in the current Administratively Determined Pay Rates for Western Area and at equipment rates shown in the current Oregon-Washington Interagency Fire Fighting Equipment Rental Rates schedule, until the Purchaser is released from such service by the Government, or
 - (2) Release the Purchaser from additional suppression work and assume responsibility for suppressing the escaped fire.

- (h) In situations where an escaped fire is controlled and contained by an adequate fire break (i.e., trail, road, stream, rock formation, etc.) the Government may permit the Purchaser to remove personnel for that day provided that: all mop-up work on the escaped fire area is included with mop-up work on the prescribed fire area. In such an event, the Purchaser must sign a statement of agreement to complete mop-up work on all escaped fire areas concurrently with mop-up work on the prescribed fire area.
 - (i) In case of injury to personnel or damage to equipment furnished by the Purchaser as required by this subsection, liability shall be borne by the Purchaser, unless such injury or damage is caused by Government negligence.
 - (j) The Purchaser may be required to burn slash on a 12 hour notice, 10 days after the initial notice is received. Burning may need to be accomplished at night or on Saturday, Sunday, or holidays. Time is of the essence in complying with Special Provision 16. In the event the Purchaser fails to provide the personnel and equipment required herein, the Purchaser shall be responsible for all additional cost incurred by the Government in disposing of slash including but not limited to the wages and other costs of providing federal employees and others as substitute labor force, the cost of providing substitute equipment and appropriate additional overhead expenses. If the Purchaser's failure results in a deferral of burning and new conditions necessitate additional site preparation work and/or the use of additional personnel and equipment to accomplish the planned burn, the Purchaser shall also be responsible for such additional costs.
25. The Purchaser must obtain a Permit to Use Fire or Power-Driven Machinery from the Oregon Department of Forestry. Burning will be done in accordance with Oregon Administrative Rule 629-48 as well as a Burn Plan approved by the BLM.



UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management, Eugene District
Steam Donkey Echo Timber Sale Contract No.: ORE05-TS16-527
T. 18 S., R. 7 W., Sec. 9, Will. Mer.

Exhibit F
Sheet 7 of 8



- Boundary - Contract Area
- Partial Harvest Area
- Regeneration Harvest Area No Burning Planned
- Regeneration Harvest Area Potential Area of Broadcast Burn
- Fire Line
- Reserve Area
- Harvest Area # (Top)/Harvest Area Acres (Bottom)

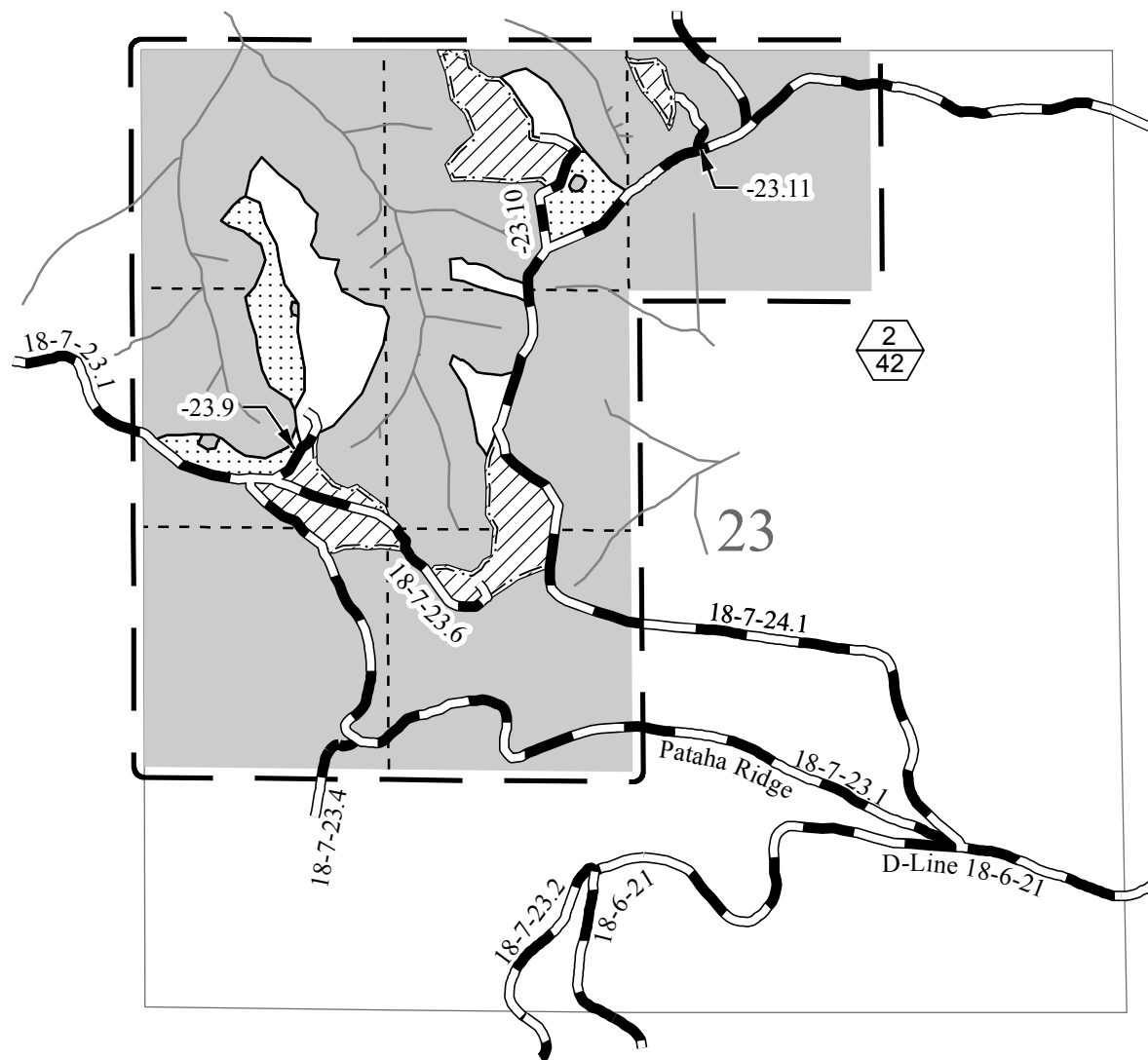
- Stream
- Rock Surface Road
- Other Surface Road
- Gate

Feet
0 500 1,000 1,500



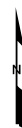
UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management, Eugene District
Steam Donkey Echo Timber Sale Contract No.: ORE05-TS16-527
T. 18 S., R. 7 W., Sec. 23, Will. Mer.

Exhibit F
Sheet 8 of 8



- Boundary - Contract Area
- Partial Harvest Area
- Regeneration Harvest Area
No Burning Planned
- Regeneration Harvest Area
Potential Area of Broadcast Burn
- Fire Line
- Reserve Area
- Harvest Area # (Top)/
Harvest Area Acres (Bottom)

- Stream
- Rock Surface Road
- Other Surface Road



Feet
0 500 1,000 1,500

removal of personal property. Any improvements remaining on Government lands and rights-of-way at the end of the period for removal, or any extension, shall become the property of Government. Any equipment or other personal property remaining on Government

land and rights-of-way at the end of this period may be removed at the expense of Purchaser and disposed of in accordance with applicable law.

Sec. 41. Timber Reserved from Cutting - The following timber on this contract area is hereby reserved from cutting and removal under the terms of this contract and is retained as the property of Government.

Sec. 42. Special Provisions - Purchaser shall comply with the special provisions which are attached hereto and made a part hereof unless otherwise authorized, in writing, by the Contracting Officer.

IN WITNESS WHEREOF, the parties hereto have executed this contract as of the day first above written.

If Individual or Partnership, sign here:

If Corporation, sign here:

(Name of Firm)

(Signature)

(Address)

(Signature)

(Address)

(Signature)

(Address)

(Name of Corporation)

(Signature)

(Title)

UNITED STATES OF AMERICA

By (Signature)

(Title)

(Date)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

(If Purchaser is a corporation, the following certificate must be executed by the Secretary or Assistant Secretary of the Corporation.)
I, _____, certify that I am the _____ Secretary of the corporation named as Purchaser herein; that _____, who signed the contract was then _____ of said corporation, that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Signature: _____

SEC. 41 - Timber Reserved From Removal and/or Cutting

- (a) All timber on the Reserve Area shown on Exhibit A and all blazed, orange, or pink painted and posted trees which are on or mark the boundaries of the Reserve Areas.
- (b) All trees marked with pink paint above and below stump height in the Partial Harvest Areas and Regeneration Harvest Areas shown on Exhibit A. All pink-marked trees cut for safety or operational reasons within the Regeneration Harvest Areas shall remain on site. These trees are reserved for green tree retention within the Regeneration Harvest Areas.
- (c) All snags, hardwoods, or Pacific yew trees in the Partial Harvest Areas and Regeneration Harvest Areas shown on Exhibit A which do not present a safety hazard as determined by the Authorized Officer. Snags, hardwoods, or Pacific yew trees felled shall be retained on site.
- (d) Approximately 30 trees marked with yellow paint above and below breast height in the Approximate Location of Special Habitat Tree shown on Exhibit A. These trees shall not be felled or damaged during logging operations.
- (e) Fifteen trees marked with a band of orange paint and/or a yellow metal seed tree tag in the Approximate Location of the Superior Tree shown on Exhibit A. These trees are selected genetically superior trees and are specially valued as a component of the tree improvement program. Any damage to such reserve trees caused by Purchaser shall be charged for on the basis of the resulting total loss to the Government including any loss in value as a superior seed source.
- (f) Approximately 347 trees marked with green paint above and below stump height in the Regeneration Harvest Areas shown on Exhibit A. These green marked trees shall be cut and retained on site, where felled, for coarse woody debris creation as described in Section 42(a)(20) and as directed by the Authorized Officer.
- (g) All existing decay class 3, 4, and 5 logs in the Partial Harvest Areas and Regeneration Harvest Areas shown on Exhibit A. Decay classes are illustrated on Exhibit I, which is attached hereto and made a part hereof.

SEC. 42 - Special Provisions

(a) Logging

- (1) Before beginning operations on the contract area for the first time or after a shutdown of 14 or more days, the Purchaser shall notify the Authorized Officer in writing of the date he plans to begin operations. This written notification must be received by the Authorized Officer no less than 14 days prior to the date the Purchaser plans to begin or resume operations. The Purchaser shall also notify the Authorized Officer in writing if he intends to cease operations for any period of 10 or more days.
- (2) Prior to the commencement of operations, the Purchaser shall obtain from the Authorized Officer written approval of a written operations and logging plan commensurate with the terms and conditions of the contract which shall include measures needed to assure protection of the environment and watershed. A pre-work conference between the Purchaser's authorized representative and the Authorized Officer's representative must be held at a location designated by the Authorized Officer before the logging plan will be approved. All logging shall be done in accordance with the plan.
- (3) In the Partial Harvest Areas shown on Exhibit A, all trees designated for cutting shall be felled and cut into log lengths not to exceed 40 feet before being yarded unless otherwise approved by the Authorized Officer.
- (4) In the Partial Harvest Areas and Regeneration Harvest Areas shown on Exhibit A, non-merchantable tree tops and limbs shall be retained on site where the source tree is felled, where operationally possible.
- (5) No felling, yarding, or loading shall be permitted in or through the Reserve Area shown on Exhibit A, except where allowed in Section 42(a)(6), or as allowed by the Authorized Officer.

- (6) In the Reserve Area shown on Exhibit A, logs may be yarded over streams. Yarding shall be done in accordance with Section 42(a)(16). Trees felled in the Reserve Area for these cable corridors shall be felled parallel to the stream unless otherwise directed by the Authorized Officer and shall be retained on site.
- (7) No felling or yarding shall be conducted in the Partial Harvest Areas shown on Exhibit A from April 15 to June 15 of each year, both days inclusive, for sap flow. The Purchaser shall request waivers of this restriction in writing at least 10 days in advance of proposed operations.
- (8) Within the Special Operating Area shown on Exhibit A, with the exception of hauling, daily operations shall not be permitted from April 1 through August 5 of each year, both days inclusive. This restriction shall not be waived.
- (9) Within the Special Operating Area shown on Exhibit A, with the exception of hauling, daily operations shall not begin until at least 2 hours after sunrise and shall cease at least 2 hours prior to sunset from August 6 through September 15 of each year, both days inclusive. This restriction shall not be waived.
- (10) No yarding or hauling shall be conducted on native surfaced roads during periods of wet weather, as determined by the Authorized Officer.
- (11) During the use of Road Nos. 18-7-9.6, 18-7-16, and 18-7-23.1 (Pataha Ridge) shown on Exhibit A, the roads shall not be blocked for more than 20 minutes at a time during operating hours. At close of business each day, these roads shall be cleared.
- (12) In the Special Yarding Areas shown on Exhibit A, with the exception of hauling, no operations, including fueling of vehicles or equipment, shall occur during periods of excessive wet weather and soil saturation as determined by the Authorized Officer. Logging slash shall not be piled in the Special Yarding Areas.
- (13) In the Prohibited Landing Area shown on Exhibit A, no decking of logs or landing construction shall occur on Road No. 18-7-23.10. Trees shall be directionally felled away from the road and equipment shall not operate within this area, with the exception of hauling and moving equipment on Road No. 18-7-23.10. The Purchaser shall yard logs to areas outside of the Prohibited Landing Area.
- (14) Prior to attaching any logging equipment to a reserve tree, the Purchaser shall obtain written approval from the Authorized Officer and shall take precautions to protect the tree from damage as directed in writing by the Authorized Officer.
- (15) No logging equipment shall be attached to any of the Special Habitat Trees reserved in accordance with Section 41(d). These trees shall not be felled or damaged during logging operations.
- (16) In the Partial Harvest Areas and Regeneration Harvest Areas shown on Exhibit A, except where ground-based yarding as allowed in Section 42(a)(17), yarding shall be done with a skyline system capable of yarding 1,600 feet slope distance from the landings and laterally yarding at least 75 feet from the skyline roads. The carriage shall be capable of being held in position on the skyline during lateral yarding. Skyline roads shall be spaced a minimum of 150 feet apart at one end, unless otherwise approved by the Authorized Officer. During yarding, the lead end of the log shall be suspended clear of the ground. Full suspension shall be required when yarding over streams. Intermediate supports and/or lift trees may be needed. Before clearing any skyline road necessary for yarding in the Partial Harvest Areas and Regeneration Harvest Areas, the Purchaser shall:
 - (aa) Mark the location of the skyline road on the ground with fluorescent pink flagging. Such skyline roads shall be limited to the minimum width necessary for yarding of logs with minimum damage to reserve trees but, in any case, the width of each skyline road shall not exceed 12 feet, measured between trunks of reserve trees, unless otherwise approved in writing by the Authorized Officer.

- (bb) Obtain written approval from the Authorized Officer of the location of all proposed skyline roads.
 - (cc) Locate cable corridors over streams and above stream channel initiation points (headwalls), so that they are within 45 degrees of perpendicular to the stream, where possible.
 - (dd) Identify on the ground, all trees in the Special Tailhold Area shown on Exhibit A that would be impacted by skyline roads or guylines and obtain approval by the Authorized Officer prior to cutting the adjacent harvest area.
- (17) In the Partial Harvest Areas and Regeneration Harvest Areas shown on Exhibit A, where slopes are less than 35%, yarding may be done by equipment operated entirely on designated skid trails during periods of low soil moisture. Trees shall be felled to the lead of the skid trails where possible. Before felling and yarding any timber in the area to be logged by ground-based equipment, the Purchaser shall locate and construct designated skid trails as follows:
- (aa) Mark the location of designated skid trails on the ground with fluorescent pink flagging in consultation with the Authorized Officer.
 - (bb) Space designated skid trails at a minimum of 150 feet apart unless otherwise agreed to in writing by the Authorized Officer.
 - (cc) Use existing skid trails where possible.
 - (dd) Obtain written approval from the Authorized Officer of the location of all designated skid trails.
 - (ee) Limit the width of each skid trail to a maximum of 12 feet.
 - (ff) Limit excavation on designated skid trails to a maximum cut of 1 foot and maximum length of 1,000 feet at any one location with prior approval of the Authorized Officer.
 - (gg) Obtain written approval of completed construction from the Authorized Officer prior to commencing logging operations.
 - (hh) Within 210 feet of streams, locate skid trails at least 75 feet from the posted boundary.
- (18) Before cutting and removing any trees necessary to facilitate logging in the Partial Harvest Areas and Regeneration Harvest Areas shown on Exhibit A, the Purchaser shall identify the location of the skid trails in accordance with Section 42(a)(17), cable yarding roads in accordance with Section 42(a)(16), and tailhold, tieback, guyline, lift, intermediate support, and danger trees on the ground in a manner approved by the Authorized Officer at the pre-work conference and documented in the logging plan. Said Purchaser identification of trees to be cut and removed does not constitute authority to proceed with cutting and removal. In addition, before proceeding the following conditions must be met:
- (aa) All skid trails and/or cable yarding roads upon which timber is identified by the Purchaser to be cut and removed in accordance with this special provision must be necessary for the safe and expeditious removal of timber sold under this contract and shall be limited to the minimum width necessary for yarding of logs with a minimum of damage to reserve trees; however, unless otherwise approved in writing by the Authorized Officer, the width of each skid trail and/or cable yarding road shall be limited to 12 feet.
 - (bb) With the exception of the Special Tailhold Area shown on Exhibit A, the Purchaser may immediately cut and remove additional timber to clear skid trails and cable yarding roads; provide tailhold, tieback, guyline, lift and intermediate support trees; and clear danger trees when the trees have been marked with blue paint above and below stump height by the Authorized Officer and thereby approved for cutting and removal by the Authorized Officer. The volume of the timber to be sold will be determined by the Authorized Officer in accordance with Bureau of Land Management prescribed procedures. No timber may be cut or removed under terms of this provision unless sufficient installment payments have been made in accordance with Section 3(b) of the contract or sufficient bonding has been provided in accordance with Section 3(f) of the contract.

- (cc) The Purchaser agrees that sale of this additional timber shall be accomplished by a unilateral modification of the contract executed by the Contracting Officer and that such timber shall be sold at the unit prices shown in Exhibit B of this contract unless the value of the timber must be reappraised subject to the terms for contract extension set forth in Section 9 of the contract.
 - (dd) This authorization for the Purchaser to cut and remove additional timber prior to the execution of a modification may be withdrawn by the Contracting Officer if the Authorized Officer determines that the Purchaser has cut and removed any tree not previously marked and approved for cutting by the Authorized Officer, which under Section 10 of the contract constitutes a violation of the contract and under Section 13 of the contract may constitute a trespass rendering the Purchaser liable for damages under applicable law.
 - (ee) If authorization is withdrawn, the Contracting Officer shall issue a written notice to the Purchaser that the sale of additional timber under this special provision is no longer approved. In this case, the Purchaser shall inform the Authorized Officer at least one (1) working day prior to the need for cutting and removing any additional timber, and execute a bilateral modification prior to cutting for such additional approved timber at the unit prices shown in Exhibit B of the contract or in accordance with Section 8 or Section 9 of the contract as determined by the Authorized Officer in accordance with this provision. The Contracting Officer may issue a written order to the Purchaser to suspend, delay, or interrupt any or all contract work for the period of time deemed necessary and appropriate for the Government to safely measure and mark additional timber.
- (19) In accordance with the requirements of Section 8 of the contract it has been determined that it is in the best interest of the Government and within the provisions of 43 CFR 5402.0-6 to sell additional timber located in the Partial Harvest Areas and Regeneration Harvest Areas, which is obstructing needed cable yarding roads; hazardous to workers; needed for guyline, tailhold, and/or tieback trees; or severely damaged from the normal conduct of felling or yarding operations to meet all applicable State safety laws, codes or regulations. This timber must be cut or removed so that the Purchaser can continue active falling and yarding operations. The Purchaser is, therefore, authorized to cut and/or remove such additional timber in accordance with the provisions of Section 8 of the contract: provided, however, that:
- (aa) Trees reserved for the tree improvement program shown on Exhibit A, trees reserved under Section 41 of the contract for wildlife habitat objectives, and trees in the Special Tailhold Area shown on Exhibit A are not included in the authorization.
 - (bb) The Purchaser shall identify each tree sold and cut in accordance with the provision by marking the cut surface of the stump immediately after falling with a large "X". The "X" shall be cut with a chain saw. The stump shall be marked with plastic flagging so that the stump can be visually located from a distance of not less than 100 feet.
 - (cc) The volume and price for such timber shall be determined by the Authorized Officer in accordance with Bureau of Land Management prescribed procedures and paid for by the Purchaser in accordance with Section 3(b) or 3(f) of the contract as required by Section 8 of the contract.
 - (dd) No timber may be cut or removed under the terms of this provision if all contract payments required by Section 3(b) or 3(f) of the contract have been made.
 - (ee) The permission to fell and yard additional timber contained in this provision may be withdrawn by the Contracting Officer if the Authorized Officer determines that the Purchaser:
 - (1) Failed to properly mark any stump with the "X" cut.
 - (2) Failed to identify the location of any stump.
 - (3) Cut any tree that was reserved for tree improvement, and/or wildlife habitat, including those trees in the Special Tailhold Area shown on Exhibit A.

- (4) Cut any tree in or adjacent to cable yarding corridors that was not necessary to facilitate cable yarding.
- (5) Cut any reserve tree in or adjacent to tractor skid roads that was not necessary to facilitate ground based yarding.
- (6) Failed to properly segregate any pulled over tree that was yarded to the landing.
- (7) Cut any reserve tree that was not severely (as defined during the prework conference and documented in the approved logging plan) damaged from felling and yarding operations.
- (8) Cut more than the minimum number of trees necessary to properly serve as guyline anchor stumps.
- (9) Cut or topped more than the minimum number of trees necessary to properly serve as tailhold trees.
- (10) Cut more than the minimum number of trees necessary to properly serve as tie-backs for topped tailhold trees.
- (11) Failed to maintain accurate and current (no more than 24 hours old) documentation of cut and removed timber.

If the permission to cut and remove additional timber provision is withdrawn, the Authorized Officer shall deliver to the Purchaser a written notice that additional sale of timber under this special provision is no longer approved.

If the permission to cut and remove additional timber provision is withdrawn, the Purchaser shall inform the Authorized Officer at least two (2) working days prior to the need for cutting and yarding any guyline tree, tailhold tree, tie-back tree, danger tree, corridor tree, pulled over tree, and severely damaged tree. All sales of additional timber shall comply with Section 8 of the contract.

The Contracting Officer may order the Purchaser, in writing, to suspend, delay, or interrupt all or any part of the work of this contract for the period of time that the Contracting Officer determines appropriate for the Government to safely measure and mark additional timber.

All cable yarding and/or ground based equipment skid roads upon which timber may be cut and removed in accordance with this special provision must be needed for the removal of timber sold under this contract and shall be limited to the narrowest width necessary for the yarding of logs with minimum damage to reserved trees.

The Purchaser shall be liable for damages in accordance with Section 13 of the contract for any reserved timber cut or removed in violation of the terms of this special provision.

(20) Coarse Woody Debris Creation

- (aa) Approximately 347 trees marked with green paint above and below stump height in the Regeneration Harvest Areas shown on Exhibit A, shall be felled and retained on site, where felled, for coarse woody debris creation.

(b) Road Construction, Renovation, Improvement, Use, and Maintenance

- (1) The Purchaser shall construct Spurs A and B and Road Nos. 18-7-9.10, 18-7-9.11, 18-7-9.12, 18-7-9.13, 18-7-23.6 Ext., 18-7-23.10 Ext., and 18-7-23.11; renovate Road Nos. 18-7-9, 18-7-9.1, 18-7-9.2, 18-7-9.8, 18-7-9.9, 18-7-23.6, and 18-7-24.1; and improve Road Nos. 18-7-9, 18-7-9.1, 18-7-23.9, and 18-7-23.10 in strict accordance with the plans and specifications shown on Exhibit C, which is attached hereto and made a part hereof. Exhibit C contains 34 sheets.
- (2) Prior to removal of any timber, except right-of-way timber, the required construction, renovation or improvement of the haul route for that timber shall be completed as specified in Exhibit C.
- (3) The Purchaser shall rock Spurs A and B and Road Nos. 18-7-9, 18-7-9.1, 18-7-9.2, 18-7-9.8, 18-7-9.9, 18-7-9.10, 18-7-9.11, 18-7-9.12, 18-7-9.13, 18-7-23.6, 18-7-23.6 Ext., 18-7-23.9, 18-7-23.10, 18-7-23.10 Ext., and 18-7-23.11 for wet weather haul.

Rocking shall be in accordance with Exhibit C. If the Purchaser exercises the option to not rock any of these roads, the purchase price will be increased by the cost of surfacing as appraised at the time of sale.

- (4) BLM Maintenance: The Purchaser is authorized to use the roads listed below and shown on Exhibit D which are under the jurisdiction of the Bureau of Land Management, the Oregon Department of Forestry(ODF) and/or Oxbow Timber 1, LLC. for the removal of Government timber sold under the terms of this contract and/or the hauling of rock as required in Exhibit C, provided that the Purchaser pay the required maintenance and/or rockwear obligations described in Section 42(b)(7), Section 42(b)(8), Section 42(b)(9) and Section 42(b)(11). The Purchaser shall pay current Bureau of Land Management maintenance and rockwear fees for the sale of additional timber under modification to the contract.

Road No. and Segment	Length Miles Used	Road Ownership	Road Surface Type
18-6-8 Seg. A2	1.44	OT1	BST
18-7-9.6 Seg. A por.	0.22	ODF	Rock
18-7-16 Segs. A-B	1.80	BLM	Rock
18-7-23.1	3.12	BLM	Rock

- (5) Purchaser Maintenance: The Purchaser is authorized to use the roads listed below and shown on Exhibit D which are under the jurisdiction of the Bureau of Land Management for the removal of Government timber sold under the terms of this contract and/or the hauling of rock as required in Exhibit C, provided that the Purchaser comply with the conditions set forth in Section 42(b)(6) and pay the required rockwear obligation described in Section 42(b)(8). The Purchaser shall pay current Bureau of Land Management rockwear fees for the sale of additional timber under modification to the contract.

Road No. and Segment	Length Miles Used	Road Ownership	Road Surface Type
Spur A	0.04	BLM	Rock
Spur B	0.04	BLM	Rock
18-7-9	0.52	BLM	Rock
18-7-9.1	0.63	BLM	Rock
18-7-9.2	0.48	BLM	Rock
18-7-9.8	0.27	BLM	Rock
18-7-9.9	0.18	BLM	Rock
18-7-9.10	0.07	BLM	Rock
18-7-9.11	0.06	BLM	Rock
18-7-9.12	0.20	BLM	Rock
18-7-9.13	0.05	BLM	Rock
18-7-23.6	0.29	BLM	Rock
18-7-23.6 Ext.	0.02	BLM	Rock
18-7-23.9	0.09	BLM	Rock
18-7-23.10	0.04	BLM	Rock
18-7-23.10 Ext.	0.10	BLM	Rock
18-7-23.11	0.07	BLM	Rock
18-7-24.1	1.15	BLM	Rock

- (6) Except for the road maintenance in accordance with Sections 42(b)(4), 42(b)(9), and 42(b)(10) the Purchaser shall perform any required road repair and maintenance work on roads used by him, under the terms of Exhibit D, "Road Maintenance Specifications", of this contract, which is attached hereto and made a part hereof.
- (7) The Purchaser shall pay the Government a road maintenance obligation in the amount of Twenty Two Thousand Three Hundred Seventy-six and 23/100 dollars (\$22,376.23) for the transportation of timber included in the contract price over the roads listed in Section 42(b)(4).

The above road maintenance amount is for use of 6.58 miles of road or less. Unless the total maintenance amount is paid prior to commencement of operations on the contract area, payments shall be made in installments of not less than One Thousand and 00/100 dollars (\$1,000.00); payable in the same manner as and together with payments required in Section 3 of this contract.

- (8) The Purchaser shall pay to the Government a road maintenance obligation for rockwear in the amount of Eight Thousand Three Hundred Twenty-three and 88/100 dollars (\$8,323.88) for the transportation of timber included in the contract price over the roads listed in Section 42(b)(4) and Section 42(b)(5).

The rockwear fee shown above shall be paid prior to removal of any timber from the contract area; provided however, that if the total of such amount exceeds One Thousand and 00/100 dollars (\$1,000.00) the Purchaser may elect to make the payments in installments in the same manner as and together with payments required in Section 3 of this contract.

- (9) In the use of Road Nos. 18-6-8 Seg. A2-D, and 18-6-21 Seg. A-C por. the Purchaser shall comply with the conditions of Right-of-Way and Road Use Agreement No. E-308 between the United States of America and Oxbow Timber 1, LLC. Prior to the use of said roads, the Purchaser shall furnish the Authorized Officer a copy of the executed License Agreement. Said agreement is available for inspection at the Bureau of Land Management, Eugene District Office, 3106 Pierce Parkway, Suite E, Springfield, Oregon. Such conditions include but are not limited to the following actions by the Purchaser:

- (aa) Obtain a license agreement from Oxbow Timber 1, LLC. The license agreement and insurance certificate shall be delivered to Oxbow Timber 1, LLC at least 15 days prior to use of company roads.
- (bb) Furnish a performance bond in the amount of Ten Thousand and 00/100 dollars (\$10,000).
- (cc) Maintain comprehensive liability insurance covering all operations, including vehicles, in amounts not less than One Million and 00/100 dollars (\$1,000,000.00) bodily injury for injury to any one person, One Million and 00/100 dollars (\$1,000,000.00) for any one occurrence and One Million and 00/100 dollars (\$1,000,000.00) property damage for any one occurrence.
- (dd) Pay a lump sum road maintenance and rockwear fee of Forty-eight Thousand Six Hundred Eighty-seven and 33/100 dollars (\$48,687.33) prior to log hauling. All road maintenance and rockwear fees due as a result of modification shall be due at the time of modification at a rate per MBF equal to the appropriate BLM fee current at the time of hauling.
- (ee) Licensee shall contact Dave Cramsey at (541) 430-8658 approximately 30 days prior to use of requested tailhold anchors. Specific terms and conditions shall be provided at that time.

- (10) In the use of Road No. 18-6-8 Seg. A1, the Purchaser shall comply with the conditions of Right-of-Way and Road Use Agreement No. E-308 between the United States of America and Rosboro, LLC. Prior to the use of said roads, the Purchaser shall furnish the Authorized Officer a copy of the executed License Agreement. Said agreement is available for inspection at the Bureau of Land Management, Eugene District Office, 3106 Pierce Parkway Suite E, Springfield, Oregon. Such conditions include but are not limited to the following actions by the Purchaser:

- (aa) Obtain a license agreement from Rosboro, LLC. The license agreement and insurance certificate shall be delivered to Rosboro, LLC at least 15 days prior to use of company roads.
- (bb) Furnish a performance bond in the amount of Ten Thousand and 00/100 dollars (\$10,000.00).
- (cc) Maintain comprehensive liability insurance covering all operations, including vehicles, in amounts not less than One Million and 00/100 dollars (\$1,000,000.00) bodily injury for injury to any one person, One Million and 00/100 dollars (\$1,000,000.00) for any one occurrence and One Million and 00/100 dollars (\$1,000,000.00) property damage for any one occurrence.

- (dd) Pay a lump sum road maintenance fee of Two Thousand Eighty-six and 15/100 dollars (\$2,086.15) prior to log hauling. All road maintenance fees due as a result of modification shall be due at the time of modification and at a rate per MBF equal to the appropriate BLM fee current at the time of hauling.
 - (ee) Licensee shall notify Rosboro, LLC approximately 15 days prior to use of requested tailhold anchors. Licensee shall use the Short Form Tram Way Agreement provided by the Licensors.
- (11) In the use of Road No. 18-7-9.6 the Purchaser shall comply with the conditions of Cooperative Right-of-Way Agreement Supplement E-145 between the United States of America and the State of Oregon. Prior to the use of said roads, the Purchaser shall furnish the Authorized Officer a copy of the executed License Agreement. Said agreement is available for inspection at the Bureau of Land Management, Eugene District Office, 3106 Pierce Parkway, Suite E, Springfield, Oregon. Such conditions include but are not limited to the following actions by the Purchaser:
 - (aa) Obtain a license agreement from the Oregon Department of Forestry. The license agreement, bond and insurance certificate shall be delivered to the Oregon Department of Forestry at least 15 days prior to use of state roads.
 - (bb) Furnish a performance bond in the amount of One Thousand and 00/100 dollars (\$1,000.00).
 - (cc) Maintain comprehensive liability insurance covering all operations, including vehicles, in amounts not less than One Million and 00/100 dollars (\$1,000,000.00) bodily injury for injury to any one person; One Million and 00/100 dollars (\$1,000,000.00) for any one occurrence; and One Million and 00/100 dollars (\$1,000,000.00) property damage for any one occurrence.
 - (dd) Pay a lump sum rockwear fee of Twenty-four and 06/100 dollars (\$24.06) prior to log hauling. All road rockwear fees due as a result of modification shall be due at the time of modification.
 - (ee) Licensee shall notify Licensors when use of tailholds is completed.
- (12) The Purchaser also agrees that if he elects to use any private road, other than those provided for in this contract, which is the subject of a right-of-way agreement with the Government, for the removal of Government timber sold under the terms of this contract, he shall request and agree to the modification of this contract to provide for such use.
- (c) Environmental Protection
 - (1) Upon each season's shutdown, and prior to the onset of wet weather, the Purchaser shall block skid trails and native surfaced roads as directed by the Authorized Officer, and shall place them in an erosion-resistant condition by constructing drainage dips, waterbars, and/or lead-off ditches. The waterbars and drainage dips shall be constructed in accordance with the specifications shown on Exhibit H, which is attached hereto and made a part hereof. Exhibit H contains 2 sheets. Blocking shall be completed as directed by the Authorized Officer.
 - (2) In addition to the requirements set forth in Section 26 of this contract, the Purchaser shall, upon completion of hauling, complete the following decommissioning measures according to the road schedule below. All decommissioning shall be completed during the dry season and as directed by the Authorized Officer, and may include the following:
 - (aa) Decompact skid trails, native surfaced roads and landings with decompaction equipment, such as a track-mounted excavator.
 - (bb) Construct drainage dips, waterbars and/or lead-off ditches as directed by the Authorized Officer. Waterbars and drainage dips shall be constructed in accordance with the specifications shown on Exhibit H.
 - (cc) Place logging slash greater than 6 inches in diameter, where available, on surfaces in a discontinuous pattern, as directed by the Authorized Officer.

(dd) (X) Purchaser shall block roads with root wads, logs and slash as directed by the Authorized Officer.

(EB) Purchaser shall block roads with earthen barricades constructed in accordance with Exhibit J, which is attached hereto and made a part hereof.

Road Number	Road Rocking	If not rocked				If rocked	
		(aa)	(bb)	(cc)	(dd)	(bb)	(dd)
		Decompact	Drainage	Logging Slash	Block	Drainage	Block
Skid Trails	Not allowed	X	X	X	X		
Spur A	Required	X	X	X	X	X	
Spur B	Required	X	X	X	X	X	
18-7-9	NA					X	
18-7-9.1	NA					X	
18-7-9.2	NA					X	
18-7-9.9	NA					X	
18-7-9.10	Required	X	X	X	X	X	
18-7-9.11	Required	X	X	X	X	X	
18-7-9.12	Required	X	X	X	X	X	X
18-7-9.13	Required	X	X	X	X	X	
18-7-23.6	NA					X	EB
18-7-23.6 Ext.	Required	X	X	X	X	X	
18-7-23.9	Required	X	X	X	X	X	
18-7-23.10	Required	X	X	X	X	X	EB
18-7-23.10 Ext.	Required	X	X	X	X	X	
18-7-23.11	Required	X	X	X	X	X	

- (3) In addition to the drainage requirements listed above, and as specified on Exhibit H, waterbars shall be placed within 25 feet upslope of all remaining cross drains on Road No. 18-7-9.12. Additional waterbars shall be installed in accordance with the spacing guidelines shown on Sheet 3 of Exhibit H.
- (4) Cable yarding corridors shall be waterbarred immediately after use, if necessary to prevent erosion, as determined by the Authorized Officer.
- (5) In order to prevent the spread of noxious weeds, the Purchaser shall be required to clean logging, road, decommissioning, and slash disposal equipment, prior to entry onto BLM lands as directed by the Authorized Officer.
- (6) The Purchaser shall immediately discontinue specified construction or timber harvesting operations upon written notice from the Contracting Officer that:
 - (aa) Threatened or endangered plants or animals protected under the Endangered Species Act of 1973, as amended, may be affected by the operation, and a determination is made that consultation or reinitiation of consultation is required concerning the species prior to continuing operation, or;
 - (bb) When, in order to comply with the Endangered Species Act or to protect occupied marbled murrelet sites in accordance with the Standards and Guidelines of the Eugene District Record of Decision (ROD) and Resource Management Plan (RMP), the Contracting Officer determines it may be necessary to modify or terminate the contract, or;
 - (cc) Federal proposed, federal candidate, Bureau sensitive or State listed species protected under BLM Manual 6840 - Special Status Species Management - have been identified, and a determination is made that continued operations would affect the species or its habitat, or;

- (dd) Other active raptor nests have been discovered, and a determination is made that continued operations under this contract would adversely affect the present use of the discovered nesting area by the raptor, or;
- (ee) When, in order to comply with a court order which enjoins operations on the sale or otherwise requires the Bureau of Land Management to suspend operations, or;
- (ff) When, in order to comply with a court order, the Contracting Officer determines it may be necessary to modify or terminate the contract, or;
- (gg) Species have been discovered which were identified for protection through survey and manage and/or protection buffer standards and guidelines established in the ROD and RMP, and the Contracting Officer determines that continued operations would affect the species or its habitat, or;
- (hh) When, in order to protect species which were identified for protection through survey and manage and/or protection buffer standards and guidelines established in the ROD and RMP, the Contracting Officer determines it may be necessary to modify or terminate the contract.

Those operations necessary for a safe removal of personnel and equipment from the contract area and those directed by the Contracting Officer which are required in order to leave the contract area in an acceptable condition will be permitted. Discontinued operations may be resumed upon receipt of written instructions and authorization by the Contracting Officer.

During any period of suspension, the Purchaser may withdraw performance and payment bond coverage aside from that deemed necessary by the Authorized Officer to secure cut and/or removed timber for which the Bureau of Land Management has not received payment, and/or unfulfilled contract requirements associated with harvest operations that have already occurred and associated post-harvest requirements.

In the event of a suspension period or a combination of suspension periods that exceed a total of 30 days, the First Installment held on deposit may be temporarily reduced upon the written request of the Purchaser.

For the period of suspension extending beyond 30 days, the First Installment on deposit may be reduced to five (5) percent of the First Installment amount listed in Section 3(b) of the contract. Any First Installment amount temporarily reduced may be refunded or transferred to another BLM contract at the request of the Purchaser. However, if the Purchaser has outstanding debt owing the United States, the Contracting Officer must first apply the amount of First Installment that could be refunded to the debt owed in accordance with the Debt Collection Improvement Act, as amended (31 USC 3710, et seq.). Upon Purchaser's receipt of a bill for collection and written notice from the Contracting Officer lifting the suspension, the Purchaser shall restore the First Installment to the full amount shown in Section 3(b) of the contract within 15 days after the bill for collection is issued, subject to Section 3(j) of the contract. The Purchaser shall not resume contract operations until the First Installment amount is fully restored.

In the event of a suspension period or a combination of suspension periods that exceed a total of 30 days, the unamortized Out-of-Pocket Expenses for road or other construction required pursuant to Exhibit C of the contract shall be refunded or transferred to another BLM contract at the request of the Purchaser.

Upon written notice from the Contracting Officer lifting the suspension, the Purchaser shall reimburse the Government the amounts refunded or transferred. The Purchaser may choose to pay this reimbursement at once or in installments payable at the same time as payments are due for the timber under the contract and in amounts approximately equal to the expenses associated with the timber for which payment is due.

In the event that operating time is lost as a result of the incorporation of additional contract requirements, or delays due to Endangered Species Act consultation with the U.S. Fish and Wildlife Service or U.S. National Marine Fisheries Service, or court-ordered injunctions, the Purchaser agrees that an extension of time, without reappraisal, will constitute a full and complete remedy for any claim that delays due to the suspension hindered performance of the contract or resulted in damages of any kind to the Purchaser.

The Contracting Officer may determine that it is necessary to terminate the cutting and removal rights under the contract in order to comply with the Endangered Species Act, protect occupied marbled murrelet sites in accordance with the ROD and RMP, protect species that have been discovered which were identified for protection through survey and manage and/or protection buffer standards and guidelines established in the ROD and RMP, or comply with a court order. Following the issuance of a written notice that cutting and removal rights will be terminated, the Purchaser will be permitted to remove timber cut under the contract, if allowed by the Endangered Species Act, marbled murrelet occupied site protection in accordance with the ROD and RMP, survey and manage and/or protection buffer standards and guidelines established in the ROD and RMP, or court order requirements necessitating the modification or termination.

In the event cutting and removal rights are terminated under this subsection, the Purchaser agrees that the liability of the United States shall be limited to the actual costs incurred by the Purchaser which have not been amortized by timber removed from the contract area. This calculation of liability shall utilize actual Purchaser costs and Government estimates of timber volumes. At the Authorized Officer's request, the Purchaser agrees to provide documentation of the actual costs incurred in the performance of the contract. In addition, the Purchaser shall be released from the obligation to pay the contract price for any timber which is not authorized to be removed from the contract area.

The Purchaser specifically and expressly waives any right to claim damages, other than those described in the preceding paragraphs, based on an alleged breach of any duty to the Purchaser, whether express or implied, in regard to the manner in which the Government defended the litigation which resulted in the court order affecting the operation of the contract. This waiver also extends to any claims based on effects on the operation of the contract that arise from litigation against another agency. Furthermore, the Purchaser specifically acknowledges and agrees that a court ruling that the Government violated the Administrative Procedures Act cannot be interpreted, in itself, to mean that the Government had not acted reasonably in regard to its duties to the Purchaser under this contract.

(d) Fire Prevention, Slash Disposal, and Watershed Protection

- (1) Fire Prevention and Control. Primarily for purposes of fire prevention and control, the Purchaser shall, prior to the operation of power driven equipment in construction or logging operations under this contract during the closed fire season or periods of fire danger, prepare a fire prevention and control plan to the satisfaction of the Authorized Officer.
- (2) Logging Residue Reduction. In addition to the requirements of Section 15 and 26 of this contract, and notwithstanding the Purchaser's satisfactory compliance with State laws and regulations regarding offsetting or abating the additional fire hazard created by this operation and the State's willingness to release the Purchaser from liability for such hazard, the Purchaser shall remain responsible to the Government for performance of the following hazard reduction measures required by this contract:
 - (aa) Prior to commencement of any operation under Section 42(d)(2)(bb) of this contract, a logging residue reduction and site preparation prework conference between the Purchaser's representative and the Authorized Officer must be held at a location designated by the Authorized Officer. All logging residue reduction and site preparation shall be done in accordance with the plans developed at the prework conference.
 - (bb) Purchaser shall pile slash; cover piles; locate, construct and maintain prescribed fire lines; burn according to prescription; and mop up. All work shall be completed in accordance with Exhibit F, which is attached hereto and made a part hereof. Exhibit F contains 8 sheets.

(e) Optional Contributions

- (1) The Purchaser shall perform all pile burning in accordance with Exhibit F Special Provisions 12-19. The Purchaser shall have the option of completing this work, or in lieu thereof, making a contribution to the Bureau of Land Management in the amount of One Thousand One Hundred Sixty and 05/100 dollars (\$1,160.05).
 - (aa) The amount of contribution shown above shall be paid prior to cutting. The Purchaser shall notify the Authorized Officer in writing of his intention to make this contribution prior to the execution of the contract. Upon making such contribution, the Purchaser shall be relieved of obligations set out in this subsection.
- (2) The Purchaser shall prescribe burn and mop-up in accordance with Exhibit F Special Provisions 21-25. The Purchaser shall have the option of completing this work, or in lieu thereof, may make a contribution to the Bureau of Land Management in the amount of Twenty-six Thousand One Hundred Seventy-seven and 70/100 dollars (\$26,177.70).
 - (aa) The Purchaser shall notify the Authorized Officer in writing of his intention to make this contribution prior to the date of execution of the contract. Upon making such contribution, the Purchaser shall be relieved of obligations set out in this subsection. The Purchaser may elect to make the payment in installments in the same manner as and together with the payments required in Section 3 of this contract.

(f) Miscellaneous Provisions

- (1) The Purchaser agrees that the United States, its power permittees, lessees, and licensees, shall not be responsible or held liable or incur any liability for the damage, destruction, or loss of any land, crops, facility installed or erected, income, or other property or investment resulting from the use of such lands or portions thereof for power developments at any time where such power development is made by, or under the authority of, the United States.

(g) Log Export and Substitution

- (1) All timber sold to the Purchaser under the terms of this contract, except exempted species, 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. For the purpose of this contract, unprocessed timber is defined as: (1) any logs except those of utility grade or below, such as sawlogs, peeler logs and pulp logs; (2) cants or squares to be subsequently remanufactured exceeding eight and three-quarters (8¾) inches in thickness; (3) split or round bolts or other roundwood not processed to standards and specifications suitable for end-product uses; or (4) western red cedar lumber which does not meet lumber of American Lumber Standards Grades of Number 3 dimension or better, or Pacific Lumber Inspection Bureau R-List Grades of Number 3 Common or better. Thus, timber manufactured into the following will be considered processed: (1) lumber and construction timber, regardless of size, manufactured to standards and specifications suitable for end-product uses; (2) chips, pulp, and pulp products; (3) green or dry veneer and plywood; (4) poles and piling cut or treated for use as such; (5) cants, squares, and lumber cut for remanufacturing of eight and three-quarters (8¾) inches in thickness or less; (6) shakes and shingles.

Substitution will be determined under the definition found in 43 CFR 5400.0-5(n).

The Purchaser is required to maintain and upon request to furnish the following information:

- (aa) Date of last export sale.
- (bb) Volume of timber contained in last export sale.
- (cc) Volume of timber exported in the past twelve (12) months from the date of last export sale.
- (dd) Volume of Federal timber purchased in the past twelve (12) months from the date of last export sale.
- (ee) Volume of timber exported in succeeding twelve (12) months from date of last export sale.

- (ff) Volume of Federal timber purchased in succeeding twelve (12) months from date of last export sale.
- (2) In the event the Purchaser elects to sell any or all of the timber sold under this contract in the form of unprocessed timber, the Purchaser shall require each party buying, exchanging, or receiving such timber to execute a Form 5460-16 (Certificate as to Nonsubstitution and the Domestic Processing of Timber). The original of such certification shall be filed with the Authorized Officer. Additionally, when the other party is an affiliate of the Purchaser, the Purchaser will be required to update information under item (2) of Form 5450-17 (Export Determination) and file the form with the Authorized Officer.

In the event an affiliate of the Purchaser has exported private timber within twelve (12) months prior to purchasing or otherwise acquiring Federal timber sold under this contract, the Purchaser shall, upon request, obtain from the affiliate information in a form specified by the Authorized Officer and furnish the information to the Authorized Officer.

Prior to the termination of this contract, the Purchaser shall submit to the Authorized Officer Form 5460-15 (Log Scale and Disposition of Timber Removed Report) which shall be executed by the Purchaser. In addition, the Purchaser is required under the terms of this contract to retain for a three-year period from the date of termination of the contract the records of all sales or transfer of logs involving timber from the sale for inspection and use of the Bureau of Land Management.

Unless otherwise authorized in writing by the Contracting Officer, the Purchaser shall brand clearly and legibly one end of all logs with a scaling diameter (small end inside bark) of over 10 inches, prior to the removal of timber from the contract area. All loads of 11 logs or more will have a minimum of 10 logs clearly and legibly branded on one end regardless of the diameter of the logs. All logs will be branded on loads of 10 logs or less. One end of all branded logs to be processed domestically will be marked with a 3 square inch spot of highway yellow paint. The purchaser will stop trucks for accountability monitoring at mutually agreed upon location when notified by the Authorized Officer.

If multiple trailers (mule trains) are used, each bunked load shall be considered an individual load, and these guidelines will apply to each bunked load. If a flatbed stake trailer is used, each bundle will be treated as a separate load.

At the discretion of the Contracting Officer, the Purchaser may be required to brand and paint all logs. Any increased costs for log branding and painting shall be the responsibility of the Purchaser.

In the event of the Purchaser's noncompliance with this subsection of the contract, the Authorized Officer may take appropriate action as set forth in Section 10 of this contract. In addition, the Purchaser may be declared ineligible to receive future awards of Government timber for a period of one year.

Planning Unit	Siuslaw	
Type of Sale	Advertised	
Time for Cutting & Removal	36	Mos.
Time for Removal of Personal Property	1	Mos.

O&C	CBWR	P.D.	Township	Range	Section	Subdivision
X			18 S.	7 W.	9	Lots 1-11 and 13-16
X			18 S.	7 W.	23	Lots 2-6, 11, and 12

Subdivisions or Cutting Areas	Cutting Volumes by Species by MBF									Total Cutting Volume	Cutting Area Acres		
	DF	WH	WRC	BLM	RA						Partial	ReGen	Clear
PH Area 1	1,921	163	18							2,102	100		
PH Area 2	173	15	2							190	9		
ReGen Area 1	883	87	3							973		24	
ReGen Area 2	1,358	53	8							1,419		33	
R/W Area 1	97	2								99			8.7
R/W 1-HDWD				13	11					24			
R/W Area 2	12									12			1.0
TOTAL	4,444	320	31	13	11					4,819	109	57	9.7

Profit & Risk Allowance

Basic Profit & Risk	11	%
Additional Risk		
Low 1%		%
Medium 2%		%
High 3%	3	%
Total Profit & Risk	14	%

Tract Features

Ave Log (Bd. Ft.): D-fir	64	All	63	DBH:15.3
Recovery D-fir	95	% All	95	%
Salvage D-fir	0	% All	0	%
Ave Volume per Acre	29			MBF
Ave Yarding Slope	50			%
Ave Yarding Distance	400			Ft.
Ave Age	65			Years
Volume Highlead				%
Volume Skyline	82			%
Volume Cat	18			%
Volume Aerial				%
Road Construction / Improvements (100' Sta)				
Class	SN-14	No. Sta.	34.49 (Constr)	
Class	SN-14	No. Sta.	177.93 (Renov)	
Class	SN-14	No. Sta.	14.78 (Imprv)	

Cruised by <u>Siuslaw Resource Area</u>	
Date <u>November 2015</u>	
Type of Cruise <u>3P-ReGen & R/W, Vari Plot-PH Areas 100%</u>	
Volume (MBF-Net Merch)	
Green <u>4,819</u>	Salvage <u>0</u>
D-fir Sawlog <u>4,444</u>	Peeler <u>0</u>
Export Volume <u>0</u>	
Purchaser _____	
Address _____	

Contract No. ORE05-TS16-527

OR-5420-1a
(June 1986)

UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management
STUMPAGE COMPUTATION
MBF

District Eugene
ATSP Tract No. E-15-527
ADP No. _____
Sale Name Steam Donkey Echo

Species	Realization Value	Mfg. Costs (-)	Pond Value	Logging Costs (-)	Profit & Risk (-)	Marg. * Logs (/)	Stumpage
Douglas-fir	---	---	\$571.58	\$266.73	\$ 80.02		\$224.83
Western hemlock	---	---	\$434.95	\$266.73	\$ 60.89		\$107.33
Western redcedar	---	---	\$944.86	\$266.73	\$132.28		\$545.85
Bigleaf maple	---	---	\$253.07	\$266.73	\$ 35.43		*\$ -49.09
Red alder	---	---	\$400.92	\$266.73	\$ 56.13		\$ 78.06
			\$563.53				\$217.64
Wt. Average							

*Marginal Log Volume N/A MBF X \$/MBF Marg. Log Value
Marginal Log Value \$ = \$ Marginal Log Value/MBF
(D-fir Net Volume) MBF

APPRAISED PRICE SUMMARY

TEA RVA X Market Value

(Check one)

Number Trees		Species	Volume	Appraised Price		Bid Price	
Un-Merch	Merch			\$/M	Value	\$/M	Value
---	13,341	Douglas-fir	4,444	\$ 999,900.00			
---	1,392	W. hemlock	320	34,240.00			
---	471	W. redcedar	31	16,926.00			
---	289	Bigleaf maple	13	*325.00			
---	67	Red alder	11	858.00			
---	15,560	TOTALS	4,819	\$1,052,249.00			

* 10% of Pond Value

LOG GRADES (By Percent)

				2 Saw	3 Saw	4 Saw
Species	Code #1	#2	#3	#4	#5	#6
Douglas-fir				58	38	4
Western hemlock				51	42	7
Western redcedar					100	
Bigleaf maple					100	
Red alder					100	

Appraised By: Chance Zimmerlee
Appraisal Reviewed By: Cynthia L. Phillips

Date: November 2015
Date: November 2015