

# United States Department of the Interior

# **BUREAU OF LAND MANAGEMENT**

3106 Pierce Parkway, Suite E Springfield, Oregon 97477 http://www.blm.gov



February 25, 2015

This advertisement includes:

Parcel No. 1 – Pataha Ridge Parcel No. 2 – Pitney Divide Parcel No. 3 – North Parsons

## 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, **March 26, 2015**.

This Timber Sale Notice does <u>not</u> 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 <u>The Register-Guard</u> newspaper on or about <u>February 25, 2015</u>. 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 the North Parsons and Pataha Ridge Timber Sales, 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.

**AN ENVIRONMENTAL ANALYSIS (EA)** was prepared for the Long Tom Landscape Plan Project, which includes the Pitney Divide Timber Sale. A Finding of No Significant Impact and Decision Record for the EA have been documented. A Determination of NEPA Adequacy (DNA) has been documented for this sale. 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



# United States Department of the Interior BUREAU OF LAND MANAGEMENT



3106 Pierce Parkway, Suite E Springfield, Oregon 97477 http://www.blm.gov

To: Eugene District Office

Attn: Cynthia L. Phillips, Siuslaw Resource Area (541) 683-6776

Terry Ray, Upper Willamette Resource Area (541) 683-6417

Debra Wilson, Eugene District (541) 683-6798

## **PROSPECTUS REQUEST**

Please send the following information for the timber sales to be sold on **March 26**, **2015**. (Check appropriate boxes)

			EXHIBITS AND APPRAISALS										
				Road									
Parcel					Decom-	Slash	Other						
No.	Sale Name	Prospectus	Construction	Maintenance	missioning	Disposal	(indicate)						
1	Pataha Ridge												
2	Pitney Divide												
3	North Parsons												

EUGENE DISTRICT SIUSLAW RESOURCE AREA

Tract No. E-14-523 Pataha Ridge

Lane County, Oregon: O&C Bid Deposit Required: \$119,500.00

PARCEL NO.: 1

SALE DATE: March 26,2015

All timber designated for cutting on SW1/4, Section 21, T. 18 S., R. 6 W., Lots 9-16, Section 15, T. 18 S., R. 7 W., Will. Mer.

Estimated Volume 32' Log (MBF)	Species	Estimated Volume 16' Log (MBF)	timated Volume es Approx. Price	
3,168	Douglas-fir	3,656	\$ 320.00	\$ 1,169,920.00
80	Western hemlock	94	\$ 215.00	20,210.00
10	Western redcedar	12	\$ 369.00	 4,428.00
3,258	TOTALS	3,762		\$ 1,194,558.00

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

<u>LOG EXPORT RESTRICTIONS</u>: 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.

<u>CRUISE INFORMATION</u>: Volume for all species has 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 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 16.0" DBHOB; the average log contains 60 bd. ft.; the total gross merchantable volume is approximately 3,922 MBF; and 93% recovery is expected.

CUTTING AREA: Three areas totaling approximately 167 acres must be partial harvested.

ACCESS: Access to the sale is provided by:

- 1. A public road;
- 2. BLM existing roads;
- 3. 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.
- 4. 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 of use.

ROAD MAINTENANCE: The Purchaser shall pay Oxbow Timber 1, LLC road maintenance and rockwear fees estimated at \$29,040.44. The Purchaser shall pay Rosboro, LLC road maintenance fees of \$1,628.57. The Purchaser shall pay BLM a road maintenance fee of \$10,453.03 and a rockwear fee of \$2,913.04. In addition to the quantities shown below, 600 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 RENOVATION:**

Road Nos: 18-6-21, 18-6-21.2, and 18-7-23.1

Length: 30.49 Stations

Class: SN-14

Special Requirements: Operations limited to periods of dry weather. Drainage renovation only is required on Road No. 18-7-23.1.

#### **ROAD IMPROVEMENT:**

Road Nos: 18-6-21.71, 18-6-21.72, 18-7-15, 18-7-15.71, 18-7-15.72, 18-7-21.2, and 18-7-22.2

Length: 82.85 Stations

Class: SN-14

Special Requirements: Operations limited to periods of dry weather.

# Total Estimated Exhibit C Road Costs (renovation and improvement): \$194,487.83

Suggested Rock Source: Commercial, Noti Vicinity

Surfacing: 3/4" minus / 3" minus / Jaw Run

Estimated Quantity: 130 / 4,646 / 650 cy (truck measure)

Culverts:

<u>Diameter:</u> <u>Length:</u> <u>Number:</u> 18" 5

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

<u>SPECIAL PROVISIONS</u>: The contract will contain special provisions regarding road renovation, improvement, road maintenance, logging methods, prevention of erosion, falling of snags, falling of all trees designated for cutting, logging residue reduction, and submission of a written logging plan specifying landing locations, logging methods, and logging schedule.

Under Sec. 25 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 571 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:

- No yarding or hauling shall be conducted on natural 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 1,600 feet slope distance in the Partial Harvest Areas on slopes greater than 35%.
- Approximately 41 trees are marked with yellow paint above and below breast height. These trees shall not be felled
  or damaged during logging operations.
- Four trees are marked with a band of orange paint approximately six feet from the ground, with an orange tree number and a yellow metal seed tree tag. These trees are reserved for the tree improvement program.
- During the use of Road Nos. 18-6-8 (A-Line), 18-6-21 (D-Line), and 19-6-9.1 (B-Line), the roads shall not be blocked for more than 20 minutes at a time during operations. At the close of business each day, these roads shall be cleared.
- With the exception of hauling, daily operations within the Special Operating Area shall not be permitted from
  April 1 through August 5 of each year, both days inclusive; and 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.
  These restrictions shall not be waived.
- In the Special Tailhold Area, approval from the Authorized Officer shall be obtained prior to attaching logging equipment to any tree.
- The Purchaser shall rock Road Nos. 18-6-21.71, 18-6-21.72, 18-7-15, 18-7-15.71, 18-7-15.72, 18-7-21.2, and 18-7-22.2 for wet weather haul.
- The Purchaser is not authorized to use Road No. 18-6-21.3.
- Upon completion of hauling, all decommissioning shall be completed during the dry season and as directed by the Authorized Officer. Decommissioning measures include:
  - Decompact skid trails and natural surfaced roads with decompaction equipment, such as a track mounted excavator.

- o Construct drainage dips, waterbars, and/or lead-off ditches.
- Place logging slash on surfaces where available.
- o Block at entry points using stumps, slash, and/or cull logs.
- Place waterbars within 25 feet upslope of all remaining cross drains on Road Nos. 18-7-21.2 and 18-7-22.2, except at MP 0.19 on Road No. 18-7-22.2. Key waterbars into existing ditches and construct ditch dams.
- Slash and debris shall be piled and covered on all landings and within 25ft feet of Road Nos. 18-6-8, 18-6-21, and 19-6-9.1, in the Partial Harvest Areas. The Exhibit F contains explicit instructions on requirements for equipment and personnel involved in pile burning.

<u>OPTIONAL CONTRIBUTION</u>: The Purchaser will have the option of performing pile burning, or contributing \$1,844.97 in lieu thereof. The option must be declared prior to contract execution. Piling and covering are not included in the Optional Contribution and will remain the responsibility of the Purchaser.

If the Purchaser has made a contribution and later elects to remove all of the slash required to be piled, covered, and burned, the contribution will be refunded.

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.

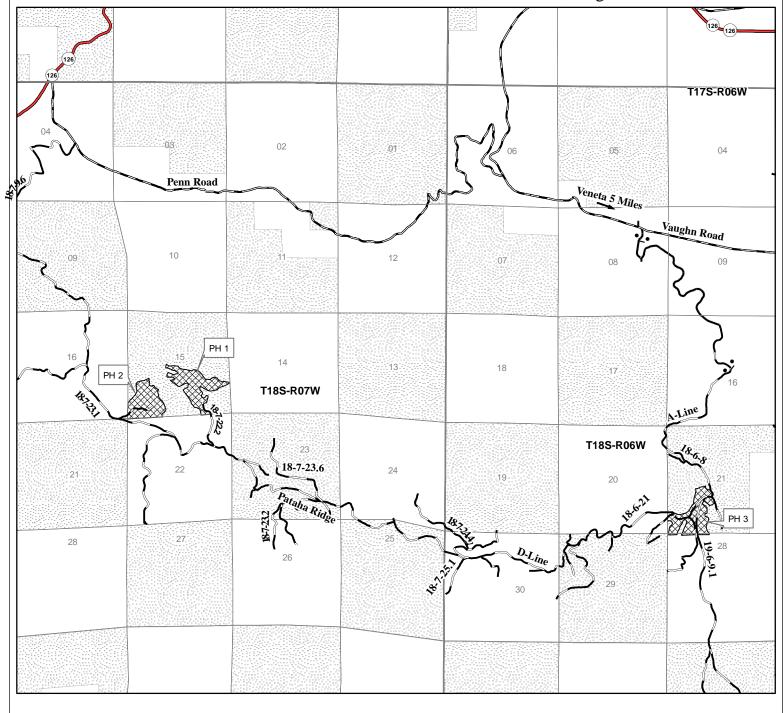
<u>To Access Partial Harvest Area 3</u>: From Veneta, travel south on Territorial Highway (State Highway 200) approximately 0.6 miles to Bolton Hill Road (County Road 4062). Travel west approximately 3 miles. Continue west onto Vaughn Road (County Road 4335) for approximately 2 miles. Turn south on Road No. 18-6-8 (A-Line) and follow the Timber Sale Area signs to the timber sale.

<u>To Access Partial Harvest Areas 1 & 2</u>: From Partial Harvest Area 3, travel west on Road No. 18-6-21(D-Line) and follow the Timber Sale Area signs to the timber sale.

# **Timber Sale Location Map**

Sale Name: Pataha Ridge

T. 18 S., R. 6 W., Sec. 21, T. 18 S., R. 7 W., Sec. 15, Will. Mer., Eugene District









# **Seasonal Restriction Matrix**

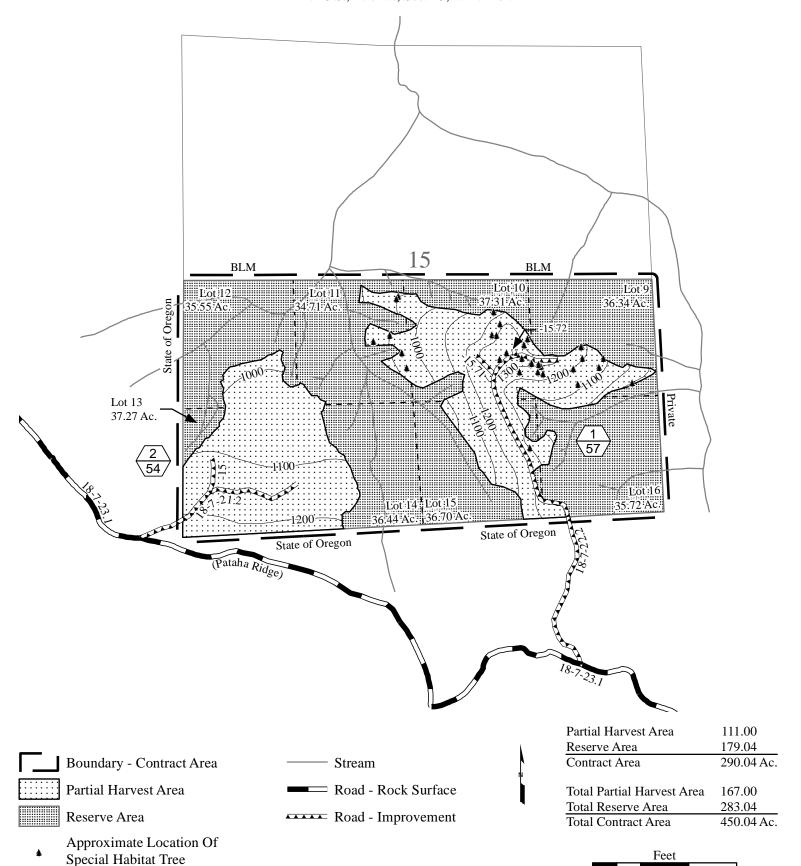
Restricted Periods are Shaded and X'd; 2-hour daily timing restrictions are X'd only.

		an	F	eb	M	ar	Α	pr	M	lay	June		ne July		ıly Aug		Sept Oct			ct	ct Nov		De	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																									
Special Operating Area							$\times$	$\searrow$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\times$	$\times$	$\bigvee\!$	$\times$	$\times$								
<ul> <li>April 1 – August 5, both days inclusive: Operations are prohibited.</li> </ul>																									
<ul> <li>August 6-September 15, both days inclusive: Operations shall not begin until 2 hours after sunrise and shall cease 2 hours prior to sunset.</li> </ul>																									
Felling, yarding or loading			ı				1	Λ.	<b>A</b>	<b>1</b>	$\wedge$	1				ı	ı	1		1	ı				
Partial Harvest Areas								$\times$	$\bigvee$	$\bigvee$	$\bigvee$														
<ul> <li>April 15 – June 15, both days inclusive.</li> <li>Sap flow seasonal restriction may be conditionally waived.</li> </ul>																									
Ground-based yarding																									
Partial Harvest Areas	$\times$	$\mathbb{X}$	$\times$	$1\times$	$\times$	$\times$	$\mathbb{X}$	$\times$	$1\times$	$\mathbb{X}$	$1\times$	$1\times$							$\times$	$\mathbb{X}$	$\times$	$\mathbb{X}$	$\times$	$\times$	
<ul> <li>Typically October 1 – June 30; may vary due to weather conditions.</li> </ul>		<b>V</b>	<i>V</i>	V \	/ \	· ·	V ·	<b>V</b>	V	V	V	V						I		V	V	V \			
Right-of-way logging and clearing		Λ /	N	<b>A</b> 7		<b>1</b>	<b>A</b>	<u>м</u>		_	1	_				ı	ı	1		<b>4</b>		<b>1</b> 7			
Right-of-Way Areas  Typically October 1 – May 31; may vary due to weather conditions.	$\times$		X		X	$\times$	X	$\bigvee$											X		X		$\times$	$\times$	
Hauling on natural-surfaced roads		<u></u>		<b>A</b> -/		Λ	<b>.</b>	<b>A</b>	<b>A</b>	<b>A</b>	,					1		1				Δ			
Partial Harvest Areas	$\times$	X	X	$\bigvee$	$\times$	$\times$	$\times$	$\times$	$\bigvee$	$\bigvee$										X	$\times$	X	X	X	
<ul> <li>Typically October 15 – May 31; may vary due to weather conditions.</li> </ul>									•																

# UNITED STATES DEPARTMENT OF THE INTERIOR

# **Bureau of Land Management, Eugene District**

Pataha Ridge Timber Sale Contract No: ORE05-TS15-523 T. 18 S., R. 7 W., Sec. 15, Will. Mer.



Partial Harvest Area (Top)/

Partial Harvest Area Acres (Bottom)

500

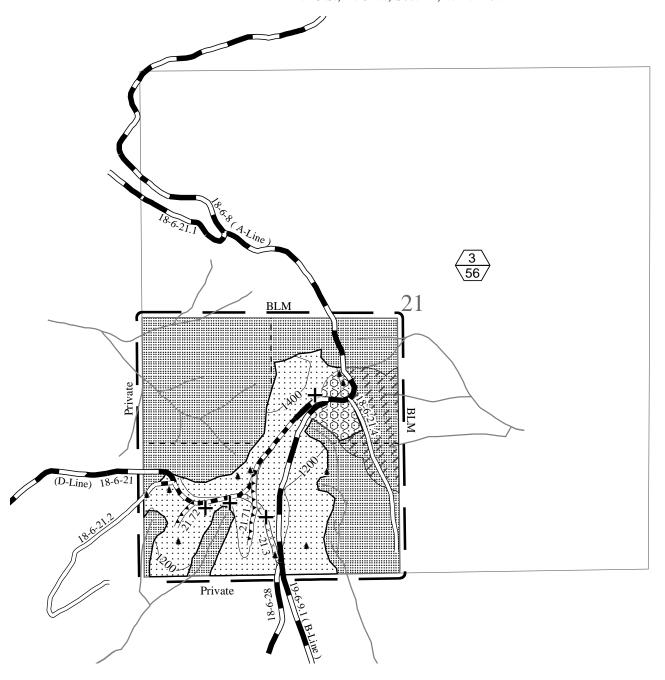
1,500

1,000

# UNITED STATES DEPARTMENT OF THE INTERIOR

# Bureau of Land Management, Eugene District

Pataha Ridge Timber Sale Contract No: ORE05-TS15-523 T. 18 S., R. 6 W., Sec. 21, Will. Mer.



	Partial Harvest Area	+	Appro of Sup
1111	Special Tailhold Area	•	or Sup
	Second Occupation Association		Stream
ŠÕÕÕ	Special Operating Area		Road -
	Reserve Area		
/1\	Partial Harvest Area (Top)/		Road -
100	Partial Harvest Area Acres (Bottom)		Road -
	Approximate Location Of	****	Road -
*	Special Habitat Tree	×××××	Road -

	Approximate Location of Superior Tree (4)
-	Stream
=	Road - Rock Surface
=	Road - Other Surface
-	Road - Renovation
=	Road - Improvement

Road - Not Authorized To Use

Partial Harvest Area	56
Reserve Area	104
Contract Area	160 Ac.
<b></b>	
Feet	

1,000

1,500

500

0

EUGENE DISTRICT SIUSLAW RESOURCE AREA

Tract No. E-15-529 Pitney Divide

Lane County, Oregon: O&C Bid Deposit Required: \$157,500.00

PARCEL NO.: 2

SALE DATE: March 26, 2015

All timber designated for cutting on N1/2, SW1/4 <u>Section 21, T. 15 S., R. 6 W.,</u> NE1/4, SW1/4NW1/4, S1/2 <u>Section 27, T. 15 S., R. 6 W.,</u> Will. Mer.

Estimated Volume 32' Log (MBF)	Species	Estimated Volume 16' Log (MBF)	Appraised Price Per MBF		timated Volume es Approx. Price
4,460	Douglas-fir	5,107	\$	301.00	\$ 1,537,207.00
74	Western hemlock	93	\$	175.00	16,275.00
47	Grand fir	49	\$	261.00	12,789.00
17	Western redcedar	17	\$	468.00	 7,956.00
4,598	TOTALS	5,266			\$ 1,574,227.00

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

<u>LOG EXPORT RESTRICTIONS</u>: 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.

<u>NOTE</u>: 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.

<u>CRUISE INFORMATION:</u> Volume in the Partial Harvest Areas was derived from a variable plot cruise method. The Partial Harvest Areas contain a total of 223 plots and 127 randomly selected sample trees. The tree count was determined with a Relaskop using a 20 BAF. Sample trees were randomly selected and volume expanded to a total Partial Harvest Volume in 16-foot lengths using the **National Cruise Processing Program**. A map showing the location of the sample trees is available at the Eugene District Office. Volume in the Right-of-Ways has 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. Volume from both methods was then expanded to a total sale volume.

With respect to merchantable Douglas-fir (sample) trees: The average tree is 12.7" DBHOB; the average log contains 40 bd. ft.; the total gross merchantable volume is approximately 5,387 MBF; and 95% recovery is expected.

<u>CUTTING AREA</u>: Two areas totaling approximately 295 acres must be partial harvested and 2 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;

ROAD MAINTENANCE: The Purchaser shall pay BLM a road maintenance fee of \$8,572.14 and a rockwear fee of \$3,264.93. 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-D, Road No.15-6-27.6

Length: 23.56 stations

Class: SN-14

Special Requirements: Operations limited to periods of dry weather. Seasonal restriction (wildlife) in the construction and use of portions of Road No. 15-6-27.6, daily operations shall not begin until at least 2 hours after sunrise and shall cease at least 2 hours prior to sunset from April 1 to September 15 of each year, both days inclusive.

#### **ROAD RENOVATION:**

Road Nos.: 15-6-21, 15-6-21.1, 15-6-21.4, 15-6-21.5, 15-6-21.7, 15-6-26.2, 15-6-27, 15-6-27.1, and 15-6-27.5

Length: 359.57 Stations

Class: SN-14

Special Requirements: Operations limited to periods of dry weather. Seasonal restrictions (wildlife)in the renovation and use of portions of Road Nos. 15-6-21, 15-6-21.5, and 15-6-26.2, daily operations shall not begin until at least 2 hours after sunrise and shall cease at least 2 hours prior to sunset from April 1 to September 15 of each year, both days inclusive. In stream work for stream crossing culvert replacements located on Road Nos. 15-6-21.1, 15-6-26.2, and 15-6-27 shall be completed between July 1 and September 15, both days inclusive, prior to timber haul.

#### **ROAD IMPROVEMENT:**

Road Nos.: 15-6-21.1 and 15-6-21.8

Length: 19.00 Stations

Class: SN-14

Special Requirements: Operations limited to periods of dry weather.

# Total Estimated Exhibit C Road Costs (construction, renovation and improvement): \$162,448.14

Suggested Rock Source: Commercial, Junction City Vicinity Surfacing: 3/4" minus / 3" minus / 6" minus / Slope Protection Estimated Quantity: 440 / 4,054 / 540 / 50 /cy (truck measure)

Cul	مرا	rto.
Сu	ıve	IIS.

Diameter:	Length:	Number
18"	370'	12
24"	150'	5

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

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

Under Sec. 25 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 790 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:**

- No yarding or hauling shall be conducted on natural 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 1,500 feet slope distance in the Partial Harvest Areas on slopes greater than 35%.
- Approximately 3 trees are marked with pink paint above and below breast height in the Approximate Location of Special Habitat Trees shown on Exhibit A. These trees shall not be felled or damaged during logging operations.
   Approximately 4 trees marked with pink paint have been targeted for oak release in 3 areas as shown on Exhibit A, page 2. These trees shall be protected through directional falling where operationally feasible.
- Road No. 15-6-26 shall not be blocked for more than 20 minutes at a time during operations. At the close of business each day, this road shall be cleared.
- Precautions shall be taken to protect the surface of Road No. 15-6-26. Any necessary repairs after logging is completed shall be in accordance to Exhibit D.

- With the exception of hauling, daily operations within the Special Operating Area shall not be permitted from April 1 through August 5 of each year, both days inclusive; and 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. These restrictions shall not be waived.
- The Purchaser shall rock or spot rock all non-BST surfaced roads for wet weather haul.
- The Purchaser is not authorized to use Road No. 15-6-26.1.
- Upon completion of hauling, all decommissioning shall be completed during the dry season and as directed by the Authorized Officer. Decommissioning measures include:
  - Decompact skid trails and natural surfaced roads with decompaction equipment, such as a track mounted excavator.
  - o Construct drainage dips, waterbars, and/or lead-off ditches.
  - Place logging slash on surfaces where available.
  - o Block at entry points using stumps, slash, cull logs and/or construct earthen barricades.
  - Place waterbars within 25 feet upslope of all remaining cross drains on all blocked roads. Key waterbars into existing ditches and construct ditch dams.
- Slash and debris shall be piled and covered on all landings within 25 feet of Spurs A, B, C, and D, Road Nos. 15-6-21, 15-6-21.1, 15-6-21.5, 15-6-21.7, 15-6-21.8, 15-6-26, 15-6-26.2, 15-6-27, 15-6-27.1, 15-6-27.5, and 15-6-27.6, in the Partial Harvest Areas. The Exhibit F contains explicit instructions on requirements for equipment and personnel involved in pile burning.

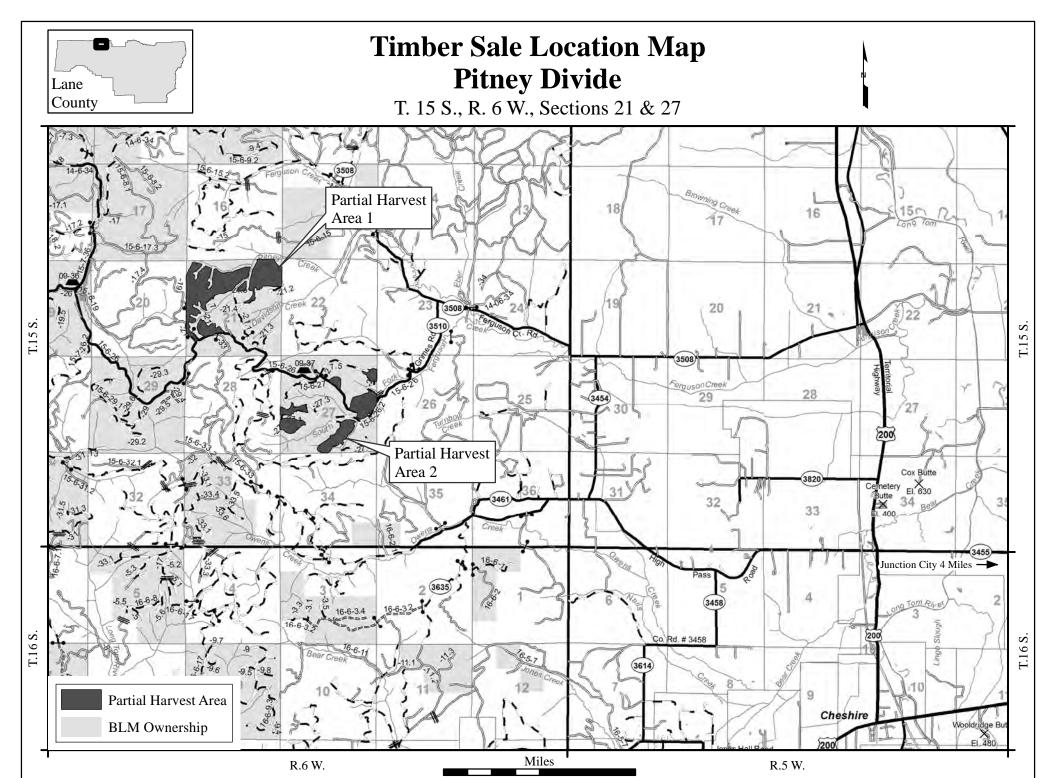
<u>OPTIONAL CONTRIBUTION</u>: The Purchaser will have the option of performing pile burning, or contributing \$1,350.43 in lieu thereof. The option must be declared prior to contract execution. Piling and covering are not included in the Optional Contribution and will remain the responsibility of the Purchaser.

If the Purchaser has made a contribution and later elects to remove all of the slash required to be piled, covered, and burned, the contribution will be refunded.

NARRATIVE DESCRIPTION OF HOW TO GET TO THE TIMBER SALE AREA: Access to the sale is through locked gates on BLM 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.

<u>To access Partial Harvest Area 2:</u> From Junction City, drive west 4.1 miles on High Pass Road to Territorial Highway. Drive north 2.4 miles on Territorial Highway to Ferguson Creek Road (3508). Drive west on Ferguson Creek Road 4.7 miles to Grimes Road (3510). Drive south on Grimes Road 1.3 miles until it turns into Road No. 15-6-26. Partial Harvest Area 2 is on the right.

<u>To access Partial Harvest Area 1:</u> From Partial Harvest Area 2 continue on Road No. 15-6-26 for 3.8 miles. Partial Harvest Area 1 is also on the right.



2 P:\eug\SI\TimberSale\2015\PitneyDivide\Team\LoggingSystems\Location\_PitneyDivide.mxd -- 1/26/2015 9:39:17 AM

# **Seasonal Restriction Matrix**

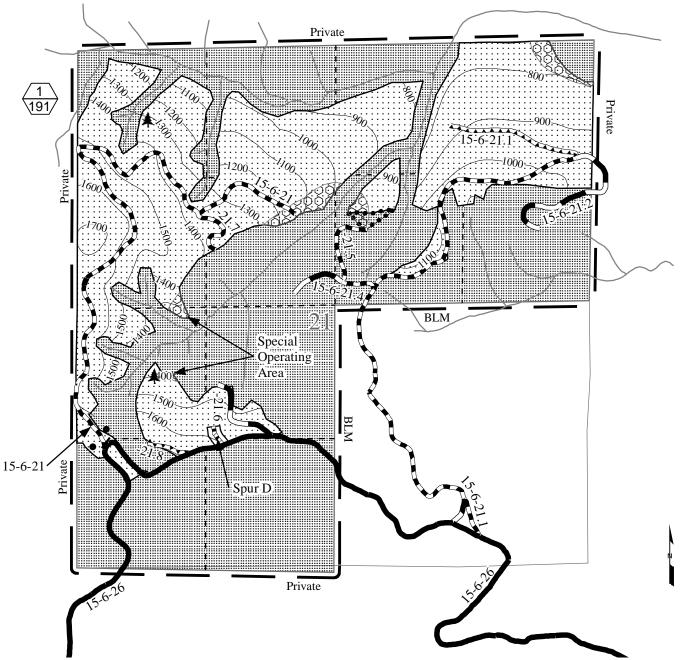
Restricted Periods are Shaded and X'd; 2-hour daily timing restrictions are X'd only.

Restricted Periods are Shaded and X d; 2-nour daily	_	an		eb	M			Apr May		Ju	ıne	J	uly	Αι	Aug Sep		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 1	5	1 15
All operations except hauling		1						·		<b>.</b>	Λ.		•	<b>A</b> /	Λ. Λ. /		N /						
<ul> <li>Special Operating Area</li> <li>April 1 – August 5, both days inclusive: Operations are prohibited.</li> <li>August 6-September 15, both days inclusive: Operations shall not begin until 2 hours after sunrise and shall cease 2 hours prior to sunset.</li> </ul>								$\times$	X														
Felling, yarding or loading		1	ı				ı	<u></u>		1	1	/	1	1		ı	ı	1	ı				
Partial Harvest Areas  April 15 – June 15, both days inclusive.  Sap flow seasonal restriction may be conditionally waived.								$\times$	X	X	X												
Ground-based yarding		<b>A</b> /	<b>N</b>	1 1			<b>N</b> /	· •		<b>A</b> 4	•	<b>A</b> /			ı					N 1			_
Partial Harvest Areas ■ Typically October 1 – June 30; may vary due to weather conditions.		$\bigvee$	X	X	$\times$	$\times$	X	$\times$	X		$\times$								$\times$	$\times$	X	$\langle \downarrow \rangle$	$\times \hspace{-0.05cm} \mid \hspace{-0.05cm} \times$
Right-of-way logging and clearing		<b>A</b> /	N .	1 1			<b>N</b> /	· •		<b>A</b> 4	,		1	1						N 1			
Right-of-Way Areas  Typically October 1 – May 31; may vary due to weather conditions.		X	X	X	$\times$	X	X	$\times$	X	X									X	$\times$	X	$\langle \rangle$	$\times$
Hauling on natural-surfaced roads		<b>A</b>		<b>4</b>			<b>N</b> 2	· •		<b>A</b>			•	ı		1	1	I			· •	<b>A</b>	•
Partial Harvest Areas  Typically October 15 – May 31; may vary due to weather conditions.		$\bigvee$	$\times$	X	$\times$	$\times$	X	$\times$	X											$\times$			
In stream work (culvert installation)		<b>A</b> /	<b>n</b> .	<b>A A</b>		. /	n /	\ <b>\</b>		<b>A</b> A	•	<b>A</b> /	,			1				N /			
Road No. 15-6-21.1 at MP 0.14, MP 0.16, and MP 0.36 Road No. 15-6-26.2 at MP 0.18, Road No. 15-6-27 at MP 0.32  In stream work occurring within the stream channel below the normal high water line shall be completed between July 1 and October 15, both days inclusive.			X		X	X	X		X		X												
·																							

# UNITED STATES DEPARTMENT OF THE INTERIOR

# Bureau Of Land Management, Eugene District

Pitney Divide Timber Sale Contract No: ORE05-TS15-529 T. 15 S., R. 6 W., Sec. 21, Will. Mer.



Bo	undary -	- Contract	Area
----	----------	------------	------

Partial Harvest Area

\_ Clearcut (R/W) Area

Reserve Area

Special Yarding Area

Special Operating Area

Partial Harvest Area (Top)/
Partial Harvest Area Acres (Bottom)

Road	_	Paved	Surface

Road - Rock Surface

Road - To Renovate

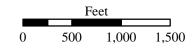
Road - To Improve

Road - To Construct

**\_\_**● Gate

Approximate Location of Special Habitat Tree

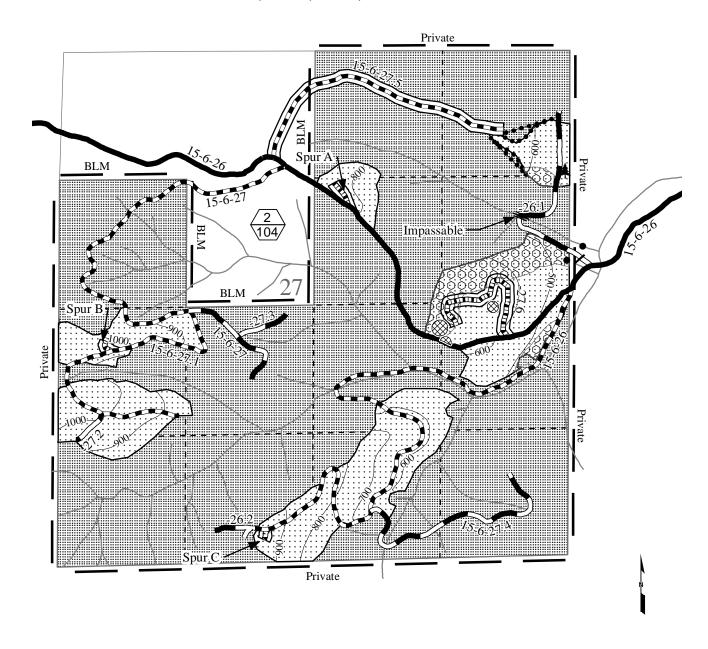
Partial Harvest Area	191.0
Clearcut (R/W) Area	1.0
Reserve Area	288.0
Contract Area	480.0 Ac.
Total Partial Harvest Area	295.0
Total Clearcut (R/W) Area	2.0
Total Reserve Area	703.0
Total Contract Area	1000.0 Ac.



# **UNITED STATES** DEPARTMENT OF THE INTERIOR

# **Bureau of Land Management, Eugene District**

Pitney Divide Timber Sale Contract No: ORE05-TS15-529 T. 15 S., R. 6 W., Sec. 27, Will. Mer.



Boundary - Contract Area

Partial Harvest Area

Clearcut (R/W) Area

Reserve Area

Stream

Special Yarding Area

Special Operating Area

Partial Harvest Area (Top)/ Partial Harvest Area Acres (Bottom)

Road - Paved Surface
----------------------

Road - Rock Surface

Road - To Renovate

Road - To Construct

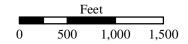
Approximate Location of Special Habitat Tree

Oak Release Area

Road Blocked

Gate

Partial Harvest Area	104.0
Clearcut (R/W) Area	1.0
Reserve Area	415.0
Contract Area	520.0 Ac



EUGENE DISTRICT

UPPER WILLAMETTE RESOURCE AREA SALE DATE: March 26, 2015

Tract No. E-15-678 North Parsons

Lane & Linn County, Oregon: O&C Bid Deposit Required: \$171,200.00

PARCEL NO.: 3

All timber designated for cutting on SE1/4, <u>Section 23</u>, E1/2NE1/4 <u>Section 26</u>, W1/2SW1/4, SE1/4SW1/4, W1/2SE1/4, SE1/4SE1/4, <u>Section 28</u>, N1/2, <u>Section 33</u>, T. 15 S., R. 2 W., Will. Mer.

Estimated Volume 32' Log (MBF)	Species	Estimated Volume 16' Log (MBF)	Appraised Price Per MBF	Estimated Volume Times Approx. Price					
5,663	Douglas-fir	6,495	\$ 257.00	\$ 1,669,215.00					
225	Western hemlock	272	\$ 145.00	39,440.00					
9	Western redcedar	11	\$ 298.00	3,278.00					
5.897	TOTALS	6.778		\$ 1.711.933.00					

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

<u>LOG EXPORT RESTRICTIONS</u>: 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.

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

<u>CRUISE INFORMATION</u>: Volume for Douglas-fir and western hemlock in the right-of-ways has 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. The timber volumes for all other conifers in the right-of-ways were based on a 100% cruise using the **National Cruise Processing Program** for estimating board foot volume of trees in 16 foot logs.

Volume for all Douglas-fir, western hemlock, and western redcedar 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 253 plots: 121 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.

With respect to merchantable Douglas-fir (sample) trees: The average tree is 13.0" DBHOB; the average log contains 44 bd. ft.; the total gross merchantable volume is approximately 6,801 MBF; and 96% recovery is expected.

<u>CUTTING AREA:</u> Approximately 357 acres must be partial harvested and approximately 8 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 Right-of-Way and Road Use Agreement E-573 between Weyerhaeuser Company and the United States. In the renovation and use of private roads, the Purchaser shall enter into a license agreement with Weyerhaeuser Company. The license agreement shall be delivered to Weyerhaeuser Company for execution at least 15 days prior to any use of company roads. See the Prospectus for full terms and conditions of use.

ROAD MAINTENANCE: The Purchaser shall pay Weyerhaeuser Company road use fees of \$4,014.00. In addition, the Purchaser shall pay Weyerhaeuser Company rockwear fees estimated at \$1,964.69. The Purchaser shall pay maintenance and rockwear fees estimated at \$27,272.22 to the BLM. See the Exhibit D map for specifications of road maintenance responsibility. Only the map page of the Exhibit D is included in the Prospectus. Refer to the contract file for the full Exhibit D.

In addition to the quantities shown below, 300 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.

#### ROAD CONSTRUCTION:

Road Nos. 15-2-29.4 Ext A, -29.4 Ext B, Spurs 26A, 26A1, 26B, 26C, 28A, and 28C

Length: 62.66 Stations Class: SN-14 & SN-16

Special Requirements: Culvert installation on streams shall be done between June 1 and October 31 (both days

inclusive). Operations limited to periods of dry weather.

#### **ROAD RENOVATION:**

Road Nos. 15-1-31 Seg. C5, 15-2-28.1, 15-2-28.2 Seg. A and C, 15-2-28.3, 15-2-28.4, 15-2-29.4 (por), and Parsons Tie

Length: 192.96 Stations

Class: SN-16

Special Requirements: Culvert replacement/installation on streams shall be done between June 1 and October 31 (both

days inclusive).

#### ROAD IMPROVEMENT:

Road Nos. 15-2-25, 15-2-29.4 (por), and Dollar Spur

Length: 27.14 Stations

Class: SN-16

Special Requirements: Culvert installation on streams shall be done between June 1 and October 31 (both days

inclusive). Operations limited to periods of dry weather.

Suggested Rock Source: Commercial - Springfield vicinity

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

Estimated Quantity: 435 cy / 665 cy / 6,903 cy / 4,235 cy / 67 cy (truck measure)

#### **CULVERTS**:

Diameter:	<u>Length</u> :	<u>Number</u>
18"	490'	15
24"	220'	6
36"	45'	1

Total Estimated Exhibit C (construction, renovation, and improvement)

Road Costs: \$432,285.96

#### **ROAD DECOMMISSIONING:**

Road Nos. 15-2-28.2 Seg. A and C, 15-2-28.4, 15-2-29.4

Temporary Culvert Removals: 2

Boulder Barricades: 4

Estimated Cost of Decommissioning: \$5,098.86

Special Requirements in Road Decommissioning: Culverts shall be removed between June 1 and October 31, both days inclusive. Culvert removals require removal of the pipe and fill material.

## **OHV Trail Restoration:**

Total Estimated Restoration Cost: \$3,369.02

<u>DURATION OF CONTRACT</u>: Duration of the contract will be 36 months for cutting and removal of timber. **In Partial** Harvest Area No. 1, north of Stream A, all activities, including but not limited to; road construction, harvesting, slash piling, trail restoration, and road decommissioning shall commence and conclude within a 12 consecutive month time period.

<u>SPECIAL PROVISIONS</u>: The contract will contain special provisions regarding road construction, road renovation, road improvement, road maintenance, road decommissioning, OHV trail restoration, logging methods, prevention of erosion, logging residue reduction, and submission of a written logging plan specifying landing locations and logging schedule.

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

It is estimated that 678 MBF of additional timber, such as corridor and guyline trees may be removed under the contract, but is not included in the advertised sale volume, nor is it included in the timber sale appraisal.

#### OTHER SPECIAL REQUIREMENTS:

- 1. In Partial Harvest Area No. 1, north of Stream A, all activities, including but not limited to; road construction, harvesting, slash piling, trail restoration, and road decommissioning shall commence and conclude within a 12 consecutive month time period.
- 2. Harvest activities and hauling may coincide with the Second Show Timber Sale in the E1/2NE1/4 of Section 33 on Road No. 15-2-28.3.
- 3. Harvest activities may coincide with the Crooked Line Timber Sale in the N1/2SE1/4 of Section 23 on Road Nos. 15-2-24 and 15-2-23.1.
- 4. In the Special Operating Area of Partial Harvest Area No. 1 shown on Exhibit A, no harvest activities including hauling shall be conducted from March 1 to July 15 of each year, both days inclusive. This restriction may be modified (reduced or extended) based on BLM survey information.
- 5. All orange marked trees within 200 feet of all streams felled for safety and operational reasons shall remain on site.
- 6. In Partial Harvest Area No. 2, if equipment anchors are used along Road No. 15-2-28.2, then Purchaser shall fell alder trees from nearby ditches and place them in the stream for a temporary stream crossing for equipment.
- Upon completion of hauling in Partial Harvest Area No. 1, the Purchaser shall restore OHV trails in accordance with the specifications shown on Exhibit K. This includes trail brushing, trail tread repair, trail hardening, and boulder placement.
- 8. The Purchaser shall be required to clean logging, road, decommissioning, and slash piling equipment to remove dirt and plant debris that may contain noxious weed seeds from the under carriage, tracks, and tire treads prior to entry on BLM lands.
- 9. No felling, yarding, or loading is permitted in or through the Reserve Areas as shown on Exhibit A, except in the Approximate Area Where Corridors Are Permitted.
- 10. No yarding shall be conducted on the Partial Harvest Areas during sap flow from April 1 to June 15 of each year, both days inclusive, unless otherwise approved by the Authorized Officer.
- 11. The Purchaser shall provide a map of requested skyline and skid trail locations a minimum of seven (7) working days in advance of cutting to obtain approval of the locations from the Authorized Officer.
- 12. Purchaser shall pile logging slash at all landings and within 25 feet of Spurs 26A, and 26B and Road Nos. 15-1-31, 15-2-28.1, 15-2-28.2, 15-2-28.3, and 15-2-28.4 in the Partial Harvest Areas as directed by the Authorized Officer.

<u>OPTIONAL CONTRIBUTION</u>: The Purchaser will have the option of performing slash pile burning or contributing \$1,363.21 in lieu thereof. The option must be declared prior to contract execution. Piling and covering are not included in the Optional Contribution and will remain the responsibility of the Purchaser.

### NARRATIVE DESCRIPTION OF HOW TO GET TO SALE AREA:

Portions of the sale are accessed through locked gates over private land. 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 should first contact Brian Bickford at 541-683-6164.

To All Partial Harvest Areas: From Springfield, proceed northeast on Marcola Road for approximately 14.5 miles to junction of Shotgun Creek Road. Proceed northwest on Shotgun Creek Road for approximately 1.0 mile to the junction of Dollar Road (Road No.15-1-31). Continue on Dollar Road for approximately 2.0 miles to the junction of Road No. 15-2-25.

For Partial Harvest Area No. 1, proceed on Road No. 15-2-25.5 for approximately 1 mile and follow timber sale location signs to the Harvest Areas.

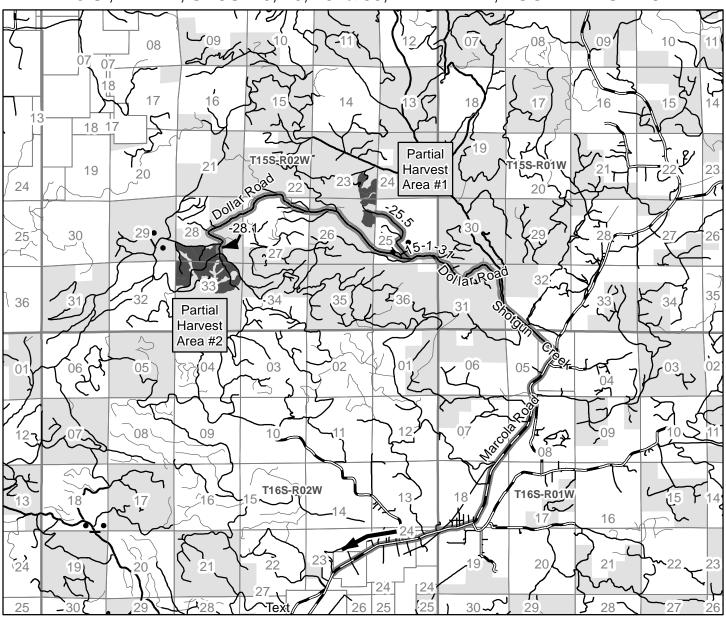
For Partial Harvest Area No. 2, proceed on Dollar Road for approximately 3.5 miles to the junction of Road No. 15-2-28.1 and follow timber sale location signs to the Harvest Areas.



# **Timber Sale Location Map**

Sale Name: North Parsons

T. 15 S., R. 2 W., SECS. 23, 26, 28 & 33, WILL. MER., EUGENE DISTRICT

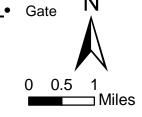






Harvest Area

**Bureau of Land Management** 



2/13/2015

#### NARRATIVE DESCRIPTION OF HOW TO GET TO SALE AREA:

Portions of this sale are accessed through locked gates over private land. 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 should first contact Brian Bickford at 541-683-6164.

**To Partial Harvest Areas:** From Springfield, proceed northeast on Marcola Road for approximately 14.5 miles to junction of Shotgun Creek Road. Proceed northwest on Shotgun Creek Road for approximately 1.0 mile to the junction of Dollar Road (Road No.15-1-31.0). Continue on Dollar Road for approximately 2.0 miles to the junction of Road No. 15-2-25.

**For Partial Harvest Area No. 1**, proceed on Road No. 15-2-25.5 for approximately 1 mile and follow timber sale location signs to the Harvest Areas.

**For Partial Harvest Area No. 2**, proceed on Dollar Road for approximately 3.5 miles to the junction of Road No.15-2-28.1 and follow the signs to the Harvest Areas.

No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed through digital means and may be updated without notification.

United States Department of the Interior Bureau of Land Management Oregon State Office P.O. Box 2965 Portland, Oregon 97208-2965

# **Seasonal Restriction Matrix**



Restricted Activity:		Jan		Feb		Mar		or	May		June	J	July		Aug		ept	t Oct			Nov		Dec	
		15	1	15	1	15	1	15	1 15	5	1 15	1	15	1	15	1	15	1	15	5	1	15	1	15
Road Construction, Ground based Yarding, Decommissioning																								
October 1 – June 30	$\times$	X	X	X	X	$\times$	X	X	$\times$		$\times \times$							$\times$	$\bigcirc$		$\times$	$\times$	$\times$	X
<ul> <li>May vary due to weather conditions; soil moisture still overrides weather conditions</li> </ul>	V	V \	V	V V	/ \	/	/ V	/ \	<b>V</b>	V	V				I	ı		V	V	V				
Yarding (Sap flow)																								
Partial Harvest Areas							X	X	$\times$		$\times$													
<ul> <li>April 1 – June 15</li> <li>Sap flow restrictions may be conditionally waived at the discretion of BLM</li> </ul>		1					<u> </u>	•	v		,	•			•	•	•		•					
Culvert Installation and Removal																								
■ November 1 – May 31, both days inclusive	$\times$	X	$\times$		$\times$	$\times$	$\times$	$\times$	$\searrow$												$\times$	X	$\times$	X
Special Operating Area																								
<ul> <li>March 1 – July 15 of each year, both days inclusive.</li> <li>Harvest Activities including Hauling &amp; Road Construction/Decommissioning</li> </ul>												$\searrow$												

NOTE: This chart is for informational purposes only. Refer to Section 42 Special Provisions of the timber sale contract for exact date restrictions and specifications. Subject to transient winter snow, elevation ranges from 1500 – 2800 feet.

• In addition to seasonal restrictions for Partial Harvest Area No. 1, north of Stream A, all activities commence and conclude within a 12 month time period as specified in Section 42(a)(3).

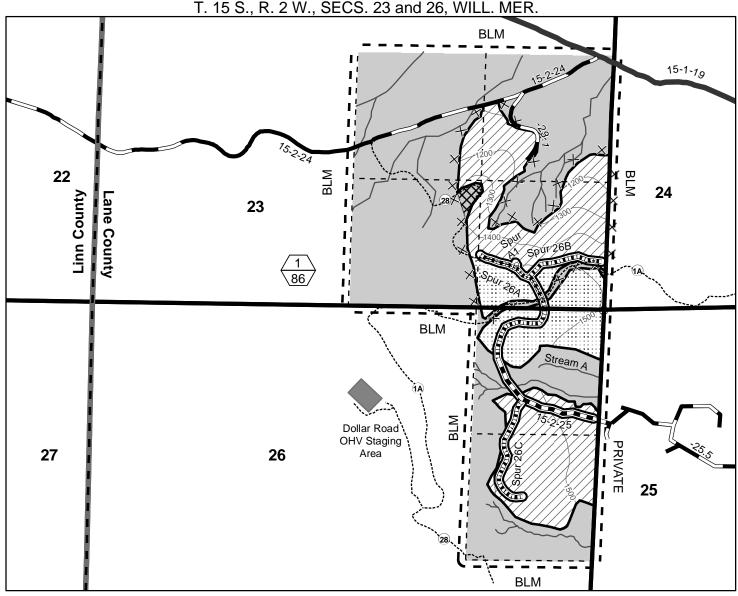


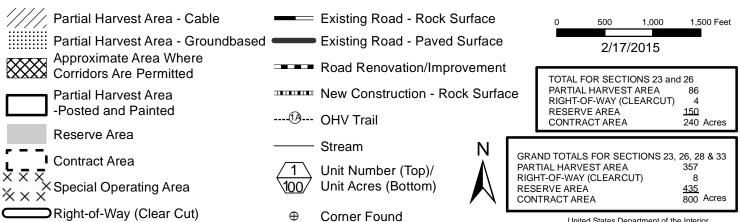
# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT, EUGENE DISTRICT

**EXHIBIT A** 

Sheet 1 of 2

SALE NAME: NORTH PARSONS TIMBER SALE CONTRACT NO.: ORE06-TS15-678





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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT, EUGENE DISTRICT

**EXHIBIT A** 

Sheet 2 of 2

SALE NAME: NORTH PARSONS TIMBER SALE CONTRACT NO.: ORE06-TS15-678 T. 15 S., R. 2 W., SECS. 28 and 33, WILL. MER. Dollar Road 28 **PRIVATE** 29 27 **BLM BLM** BLM 32 34 15-2-28.2 Parsons Tie Road **BLM** Partial Harvest Area - Cable Existing Road - Paved Surface Partial Harvest Area - Groundbased Existing Road - Rock Surface Approximate Area Where Road Renovation/Improvement Corridors Are Permitted 500 1,000 1,500 Feet New Construction - Rock Partial Harvest Area -Posted, Painted Stream 2/17/2015 Reserve Area Unit Number (Top)/ TOTAL FOR SECTIONS 28 and 33 Contract Area Unit Acres (Bottom) PARTIAL HARVEST AREA

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Corner Found

Impassable

Right-of-Way (Clear Cut)

Existing Road - Closed

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RIGHT-OF-WAY (CLEARCUT)

RESERVE AREA

**CONTRACT AREA**