KLAMATH FALLS RESOURCE AREA
KLAMATH MASTER UNIT

Klamath Falls Sale No. ORL04-TS16-03
Sale Date: July 27, 2016 (10:00am)

Surveyor Salvage Timber Sale.
Klamath County, O&C

All timber designated for cutting in NW ¼, W ½ SW ¼, SE ¼ SW ¼ Sec. 21; E ½ NE ¼, N ½
NW ¼ Sec. 28; S ½ NE ¼, SE ¼ SW ¼, NE ¼ SE ¼, S ½ SE ¼ Sec. 29; NW ¼ NW ¼ Sec. 33
T. 38S., R.6E., E ½ SE ¼ Sec. 11; NW ¼ SW ¼ Sec. 12 T. 39S., R.5E., Willamette Meridian

<table>
<thead>
<tr>
<th>Approximate Number of Trees</th>
<th>Species</th>
<th>Est. Volume MBF 16' Log</th>
<th>Appraised Price Per MBF*</th>
<th>Est. Volume Times Appraised Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>631</td>
<td>White Fir</td>
<td>160</td>
<td>$42.80</td>
<td>$6,848.00</td>
</tr>
<tr>
<td>38</td>
<td>Douglas-Fir</td>
<td>19</td>
<td>$100.20</td>
<td>$1,903.80</td>
</tr>
<tr>
<td>78</td>
<td>Ponderosa Pine</td>
<td>14</td>
<td>$17.80**</td>
<td>$249.20</td>
</tr>
<tr>
<td><strong>747</strong></td>
<td><strong>TOTAL</strong></td>
<td><strong>193</strong></td>
<td></td>
<td><strong>$9,001.00</strong></td>
</tr>
</tbody>
</table>

*Stumpage values have been determined by analytical and market value appraisal methods. Additional information concerning the appraised price is available at the Klamath Falls Resource Area Office.

**Minimum stumpage value was used to compute the appraised price for this species (stumpage prices set at 10% of pond value.)

CRUISE INFORMATION - SAWLOG INFORMATION - Timber Volumes were based upon 100% cruise and local volume tables for estimating board foot volume of trees in 16 foot logs. Approximately 100% of the total sale volume is salvage material. With respect to merchantable trees of all conifer species: the average tree is 16.0 inches DBHOB; the average tree contains approximately 319 bd. ft.; the total gross volume is approximately 239 M bd. ft.; and 81% recovery is expected.

Note: This timber sale has been cruised, appraised, and advertised based upon Scribner Board Foot Volumes (16 Foot Log). The minimum bid figures shown by species are dollars per thousand board feet (MBF). The minimum bid increment will be $.10 per MBF.

LOG EXPORT AND SUBSTITUTION 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 use as a substitute for exported private timber.

CUTTING AREA & Harvest Prescription – Cutting area includes eight (8) units containing approximately 204 acres of wind and snow “blowdown” salvage treatment. All logs designated for removal are down and on the ground.
**CUTTING TIME** - Contract duration will be six (6) months for cutting and removal of timber.

**ACCESS** - Access to the sale area is available via existing BLM roads and via Right-of-Way and Road Use Agreement L-690 with Green Diamond Resource Company (GDRC). Among other conditions, this agreement requires the purchaser to execute a license agreement with GDRC.

**ROAD MAINTENANCE** - The Purchaser will be required to maintain approximately fifteen (15) miles of existing BLM and private roads. The Purchaser will be required to pay a maintenance fee totaling $689.00 for the use of these roads.

**ROAD CONSTRUCTION** - The contract will require the Purchaser to construct no stations of temporary road and no renovation. Additional information is available in the timber sale prospectus.

**SOIL DAMAGE PREVENTION** - Pursuant to Section 25 of Form 5450-3, Timber Sale Contract, the Purchaser shall not operate or cause to have operated on the contract area, any ground based logging equipment when soil moisture content exceeds 20% by weight as determined by a Speedy Moisture Meter.

**EQUIPMENT REQUIREMENTS – LOGGING AND SITE PREPARATION:**

1. At least one ground based yarding tractor shall be equipped with an integral arch and winch system capable of lining logs at least one hundred feet (100’).

**SLASH DISPOSAL** - Slash disposal will consist of:

1. Whole tree yarding is required on all trees designated for removal.

2. Un-merchantable timber (slash, limbs, tops, cull logs, pieces of logs, etc.) can be removed as biomass or other products with negotiation of an additional contract.

3. Landing piles must have a fire line constructed around the entire pile.

**OTHER**

1. Extension of time beyond the normal 30 days may be granted for completing bonding and contract signing requirements upon written request and justification from the Purchaser.

2. All operations are seasonally restricted from October 15th of one calendar year to June 1st of the following calendar year, unless waived by the Authorized Officer.

3. All logging equipment will be cleaned prior to operating on BLM lands to prevent the spread of noxious weeds.

**CONTRACT TERMINATION** - A Special Provision has been added to the contract which enables the Contracting Officer to suspend the contract to facilitate protection of certain plant or animal species, and/or to modify or terminate the contract when necessary to comply with the Endangered Species Act or comply with a court order. This contract provision limits the
liability of the Government to the actual costs incurred by the Purchaser which have not been amortized by timber removed from the contract area.

**NARRATIVE DESCRIPTION OF HOW TO GET TO THE TIMBER SALE AREA** - From Klamath Falls, follow Highway 66 approximately ten (10) miles to its junction with Clover Creek County Road. Follow Clover Creek Road approximately ten (10) miles to its junction with the Spencer Creek Road (BLM road 39-6E-5.0). Follow road 39-6E-5.0 to Units 21-7, 28-1, 28-2, 29-1, 29-2, 29-3. Continue west on the Clover Creek Road from its junction with the Spencer Creek Road to Unit 21-2. For Unit 11-1: Follow road 39-6E-5.0 to the Keno Access Road, travel north on the Keno Access Road approximately 0.15 miles to its junction with Miner’s Creek Road (38-6E-32), follow 38-6E-32.0 approximately two (2) miles to its junction with the 39-6E-7.1 road, follow 39-6E-7.1 approximately one and a half (1.5) miles to its junction with Cold Onion Road (39-5E-24.0), follow 39-5E-24.0 to sale area. Refer to Exhibit A for additional details.

**CATEGORICAL EXCLUSION** – A Categorical Exclusion (CX) was prepared for this sale. This document is available for inspection as background information for this sale at the Klamath Falls Resource Area Office. Notice of Decision for sale of timber dated July 6, 2016.