

State of Washington

## Department of Natural Resources

Peter Goldmark, Commissioner of Public Lands

TO: Members of the Board of Natural Resources

FROM: Product Sales and Leasing Division
SUBJECT: Timber Sales Packet to be Presented at the September 2016 Board Meeting

Attached is a package of timber sales proposed for future auction. This packet will be presented to the Board of Natural Resources at the September 6, 2016 Board Meeting.

| No. | County | FSC® |  |  |  | Sale Name | Species | Acres | Age | Harvest Type | Volume <br> MBF/Acre | Value/ MBF | Total <br> MBF | Total Minimum Bid Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Region | Agree \# | $\infty$ | Trust |  |  |  |  |  |  |  |  |  |
| 1 | Clallam | OLY | 93925 |  | 01-100\% | ELLIS CROSSING VDT VRH | WW-58\%,DF-35\%,RA-7\% | 115 | 44 | Variable Density 80\% | 12 | \$100 | 1,381 | \$138,000 |
|  |  |  |  |  |  |  |  |  |  | Variable Retention 20\% |  |  |  |  |
| 2 | Klickitat | SE | 92221 |  | 08-100\% | CAMP DRAPER | PP-100\% | 263 | 97 | Variable Retention | 10 | \$78 | 2,692 | \$211,000 |
| 3 | Pacific | PC | 93931 |  | 03-72\%,04-28\% | OH HENRIE | DF-57\%,WW-32\%,RA-9\%, RC2\% | 94 | 84 | Variable Retention | 32 | \$258 | 3,015 | \$779,000 |
| 4 | Pierce | SPS | 92941 | $\infty$ | 02-45\%,03-1\%,41-54\% | SNIKERS | DF-80\%,RA-18\%,WW-2\% | 99 | 66 | Variable Retention | 28 | \$279 | 2,738 | \$764,000 |
| 5 | Thurston | SPS | 88892 |  | 01-2\%,03-69\%,06-27\%, 42-2\% | ON TIME VRH \& VDT | DF-95\%,RA-4\%,WW-1\% | 175 | 33 | Variable Retention 84\% Variable Density 16\% | 17 | \$213 | 3,000 | \$639,000 |
| 6 | Wahkiakum | PC | 93178 |  | 05-100\% | SILVER SLIVER | WW-70\%,DF-28\%,RA-2\% | 66 | 63 | Variable Retention | 45 | \$241 | 2,941 | \$710,000 |
| 7 | Whatcom | NW | 93613 |  | 01-100\% | UPPER DOAKS | DF-47\%,WW-33\%,RA-13\%, RC-7\% | 56 | 80 | Variable Retention 91\% Variable Density 9\% | 28 | \$252 | 1,587 | \$400,000 |
| 8 | Whatcom | NW | 94392 |  | 01-100\% | VALLEY REVIEW | DF-100\% | 19 | 36 | Variable Retention | 7 | \$265 | 132 | \$35,000 |
|  | Totals |  |  |  |  |  |  | 887 |  |  | 20 | \$210 | 17,486 | \$3,676,000 |


| Trust Codes: |  |  | Species Codes: |
| :---: | :---: | :---: | :---: |
| 01 = State Forest Board Transfer | 07 = Capitol Building | 38 = Washington State University | DF = Douglas-fir |
| $02=$ State Forest Board Purchase | $08=$ Normal School | 41 = University Repayment | RA= Red alder |
| 03 = Common School \& Indemnity | 09 = Escheat | $42=$ Forest Board Repayment | RC= Western red cedar |
| 04 = Agricultural School | $10=$ Scientific School | 77 = Water Pollution Control | WW= White Woods (hemlock and true firs) |
| 05 = University - Transferred | 11 = University - Original |  | WL= Western larch |
| $06=$ C.E.P. \& R.I. | 12 = Community College Forest Reserve |  | $\mathrm{PP}=$ Ponderosa pine |
|  |  |  | $\mathbf{L P}=$ Lodgepole pine |

$\infty$ If marked, all or part of this sale Forest Stewardship Council® (FSC)-certified (certificate No. BV-FM/COC-080501)
Note: Contract harvest sort sales above list the total minimum bid as delivered values, not stumpage. The net or stumpage value will be realized after the harvesting costs are paid out.

SEPA SUMMARY OF PROPOSED BOARD SALES
OCTOBER 2016
FY17

| No. | County | Agreement \# | Sale Name | Acres | Threshold Determination |  | ADDM | SEPA Comments |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | DNS | MDNS |  |  |  |
| 1 | Clallam | 93925 | ELLIS CROSSING VDT VRH | 115 |  | X |  | WFLC |  |
| 2 | Klickitat | 92221 | CAMP DRAPER | 263 |  | X |  | WFLC |  |
| 3 | Pacific | 93931 | OH HENRIE | 94 |  | X |  |  |  |
| 4 | Pierce | 92941 | SNIKERS | 99 |  | X |  |  |  |
| 5 | Thurston | 88892 | ON TIME VRH \& VDT | 175 |  | X |  |  |  |
| 6 | Wahkiakum | 93178 | SILVER SLIVER | 66 |  | X |  |  |  |
| 7 | Whatcom | 93613 | UPPER DOAKS | 56 |  | X |  |  |  |
| 8 | Whatcom | 94392 | VALLEY REVIEW | 19 |  | X |  |  |  |

* ALL DOCUMENTS ARE AVAILABLE TO THE BOARD AND THE PUBLIC FOR REVIEW

WASHINGTON STATE DEPARTMENT OF nATURAL RESOURCES

AUCTION: $\quad$ October 26, 2016 starting at 10:00 a.m., Olympic Region Office, Forks, WA

## SALE LOCATION:

 PRODUCTS SOLD AND SALE AREA:Sale located approximately 19 miles north of Forks, WA

All timber as described in Schedule C for Units 1,3,5,7,8,9 and 10, except those trees described in Schedule D; bounded by timber sale boundary tags and special management unit boundary tags in Unit 1; timber sale boundary tags and the E-1000 Road in Unit 3 and Unit 9; timber sale boundary tags, the E-1000 Road and a skip line in Unit 10; timber sale boundary tags, special management unit boundary tags and the E-1000 Road in Unit 5, Unit 7 and Unit 8.

All timber except trees marked with a band of blue paint or bounded out by leave tree area tags; bounded by timber sale boundary tags, special management unit boundary tags and the E-1000 Road in Unit 2; bounded by timber sale boundary tags, leave tree are tags, special management unit boundary tags and the E-1000 Road in Unit 4; bounded by timber sale boundary tags, special management unit boundary tags and leave tree area tags in Unit 6.

All timber that has been on the ground for five years or more shall be left undisturbed and not yarded (five years is defined by more than 1.5 inches of sap rot). Located on part(s) of Sections 26 and 35 all in Township 31 North, Range 13 West, W.M., containing 115 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative ${ }^{\circledR}$ program Standard (cert no: BV-SFIS-US09000572)

## ESTIMATED SALE VOLUMES AND QUALITY:

| Species | Avg Ring DBH Count |  | Total | Total | Price | MBF by Grade |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | MBF | Tons | \$/Ton | 1P | 2P | 3P | SM | 1S | 2S | 3S |
|  | 4S | UT |  |  |  |  |  |  |  |  |  |  |
| Hemlock | 11.4 | 4 | 793 | 6,387 | \$11.90 |  |  |  |  |  | 33 | 495 |
|  | 207 | 57 |  |  |  |  |  |  |  |  |  |  |
| Douglas fir | 12.3 | 4 | 478 | 3,846 | \$11.90 |  |  |  |  |  | 21 | 292 |
|  | 147 | 18 |  |  |  |  |  |  |  |  |  |  |
| Red alder | 10.8 |  | 87 | 586 | \$21.00 |  |  |  |  |  |  | 23 |
|  | 52 | 12 |  |  |  |  |  |  |  |  |  |  |
| Silver fir | 16.9 |  | 19 | 162 | \$11.90 |  |  |  |  |  | 5 | 11 |
|  | 3 |  |  |  |  |  |  |  |  |  |  |  |
| Red cedar | 16 |  | 3 | 8 | \$305.00 |  |  |  |  |  |  | 3 |
| Spruce | 14.4 |  | 1 | 8 | \$11.90 |  |  |  |  |  | 1 |  |
| Sale Total |  |  | 1,381 | 10,997 |  |  |  |  |  |  |  |  |

MINIMUM BID: $\quad \$ 11.90 /$ ton (est. value $\$ 138,000.00$ BID METHOD: Sealed Bids
PERFORMANCE SECURITY:
\$27,600.00
SALE TYPE: Tonnage Scale

## BIDDABLE SPECIES: Silver fir, Hemlock, Douglas fir combined

BID DEPOSIT: $\quad \$ 13,800.00$ or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: $100 \%$ ground based. Rubber tire skidders will only be allowed if rutting conditions can be met and a harvest plan is submitted and approved by the Contract Administrator. 30' Equipment Limitation Zones on all typed waters

ROADS: $\quad 2.85$ stations of optional construction. 166.75 stations of required pre-haul maintenance. 290.30 stations of optional pre-haul maintenance. On the USFS 3100_100 Road (stations $86+00-116+30$ ) and the E-2500 Road (stations $0+00-18+00$ ) there will not be any road work or operation of heavy equipment allowed from one hour before to two hours after official sunrise and from one hour before to one hour after official sunset from April 1 through September 23 for marbled murrelet restrictions.

## ACREAGE DETERMINATION

CRUISE METHOD: Sale acreage was $100 \%$ GPS'd. Sale units were cruised using a variable plot sample.
FEES: On day of sale, Purchaser shall provide the DNR with a cashier's check made payable to Rayonier Washington Timber Company in the amount of $\$ 16,495.00$ for a Road Use Permit. $\$ 24,513.00$ is due on day of sale. $\$ 1.13$ per ton is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: There are locked gates on the E-2000, E-2500, and RY-3900 Roads - contact the Olympic Region Dispatch Center at 360-374-2811 to obtain a AA-1 key.

TIMBER SALE MAP

| SALENAME: | ELLIS CROSSING VDTVRH | REGION: | Olympic Region |
| :--- | :--- | :--- | :--- |
| AGREEMENT \#: | $30-093925$ | COUNTY(S): | CLALLAM |
| TOWNSHIP(S): | T31NR13 W | ELEVATION RGE: 634-1348 |  |




DRIVING MAP

| SALE NAME: | ELLIS CROSSING VDT VRH |
| :--- | :--- |
| AGREEMENT\#: | 30-093925 |
| TOWNSHIP(S): | T31N R13W |
| TRUST(S): | State Forest Transfer(1) |


| REGION: | Olympic Region |
| :--- | :--- |
| COUNTY(S) | CLALAM |
| ELEVATION RGE: | 634-1348 |



| $\square$ | Timber Sale Unit |
| :--- | :--- |
|  | Highways |
| $\square$ | Haul Route |
| $\square$ | Other Route |
| $\square$ | Milepost Markers |
| $\bullet$ | Distance Indicator |
| $\bullet —$ | Gate |

Driving Directions
From Forks drive 10 miles north on US 101 and turn left onto SR-113 before milepost 204. Drive 2.0 miles on SR-113 then turn left onto USFS 3100. After approximately 2 miles take the fork to the left onto the E-2500. After approximately 1.5 miles the $\mathrm{E}-2500$ will turn into the E-2000. After about a half mile the E-2000 turns into the RY-9000. Travel approximately 350 more feet and turn right onto the RY-9300.

Continue on the RY-9300 for 2 miles to the E-1000. At the fork, keep left on the E-1000 and continue 0.9 miles on the $\mathrm{E}-1000$ to Unit 1 . Continue 0.1 miles to reach Units 2 and 3. Drive 0.1 mile to reach Unit 4 and Unit 5. Drive 0.25 miles to reach units 6,7 , and 8 . Continue 0.2 miles to reach Unit 9 and another 0.9 miles to reach Unit 10.

DRIVING MAP

| SALE NAME: | ELLIS CROOSING VDT VRH | REGION: | Olympic Region |
| :--- | :--- | :--- | :--- |
| AGREEMENT\#: | $30-093925$ | COUNTY(S): | CLALLAM |
| TOWNSHIP(S): T30R12W |  |  |  |




AGREEMENT NO: 30-092221

AUCTION:
October 27, 2016 starting at 10:00 a.m.,
COUNTY: Klickitat Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 5 miles west of Glenwood, Washington.
PRODUCTS SOLD AND SALE AREA:

All ponderosa pine timber not marked with blue leave tree paint and bounded by timber sale boundary tags and pink flagging on part(s) of Sections 8 and 9 all in Township 6 North, Range 12 East, W.M., containing 256 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative ${ }^{\circledR}$ program Standard (cert no: BV-SFIS-US09000572)

ESTIMATED SALE VOLUMES AND QUALITY:

|  | Avg Ring | Total | Total | Price | MBF by Grade |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Species | DBH Count | MBF | Tons | \$/Ton | 1S | 2S | 3S | 4S | 5S | 6 S | UT |
| Ponderosa pine | 16 | 2,692 | 18,156 | \$11.65 |  |  |  | 794 | 1,330 | 491 | 77 |
| Sale Total |  | 2,692 | 18,156 |  |  |  |  |  |  |  |  |

MINIMUM BID: $\quad \$ 11.65 /$ ton (est. value $\$ 211,000.00$ ) BID METHOD: Sealed Bids
PERFORMANCE
SECURITY: $\$ 42,200.00$
EXPIRATION DATE: December 15, 2018
BIDDABLE SPECIES: Ponderosa pine
BID DEPOSIT: $\quad \$ 21,100.00$ or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Ground Based Yarding will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator. Yarding restricted to dry and/or frozen conditions during the winter season.

ROADS: $\quad 22.00$ stations of required reconstruction. 116.58 stations of required prehaul maintenance. 110 cubic yards of crushed rock to be applied. Road construction will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator. The hauling of forest products will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator.

## ACREAGE DETERMINATION

CRUISE METHOD: Acres traversed with a Garmin 60CSx . 3 voids totaling 7 acres deducted from cruise acres. Variable plot cruise.

FEES: $\quad \$ 47,783.00$ is due on day of sale. $\$ 1.33$ per ton is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: Ponderosa pine is the only harvested species. No other minor species in the stand shall be cut.

TIMBER SALE MAP


## Legend

| $\backslash$ Sale Area | $\Longrightarrow$ Existing Roads | Public Land Survey Sections |
| :---: | :---: | :---: |
| $\sim \sim$ Sale Boundary Tags | $\Longrightarrow$ Required Pre-Haul Maintenance | $\square$ DNR Managed Lands |
| $\triangle$ Void Area | $\ddagger$ Required Reconstruction |  |

SALE NAME: Camp Draper Timber Sale AGREEMENT\#: 30-092221
TOWNSHIP: Section 06 Township 06 North Range 12 East
TRUST:

REGION:
Southeast
COUNTY: Klickitat
ELEVATION RGE: 1876-2120

Timber Sale Unit
Other Road
$\longrightarrow$

## DRIVING DIRECTIONS:

From Glenwood, proceed 1.5 miles west on the Trout Lake County Road to the S2100 Road junction. Turn right onto the S2100 Road and proceed northeasterly for approximately 0.1 miles to the S2150 Road junction. Turn left onto the S2150 Road and proceed westerly for approximately 0.4 miles to the S2151 Road. Turn right onto the S2151 Road. Sale area is located west of the S2151 Road.


WASHINGTON STATE DEPARTMENT OF nATURRL RESOURCES

AGREEMENT NO: 30-093931

AUCTION:
October 27, 2016 starting at 10:00 a.m.,
COUNTY: Pacific
Pacific Cascade Region Office, Castle Rock, WA
SALE LOCATION:
Sale located approximately 20 miles east of Raymond

All timber, except trees marked with red paint, trees bound out by yellow Leave Tree Area tags, snags, and all down timber greater than 36 inches in diameter, bound by the following: Timber Sale Boundary tags with pink flagging, reprod, the Weyco-8000, and the MC-8400 in Unit 1 on part(s) of Sections 20 and 21 all in Township 13 North, Range 6 West, W.M., containing 94 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative ${ }^{\circledR}$ program Standard (cert no: BV-SFIS-US09000572)

## ESTIMATED SALE VOLUMES AND QUALITY:

|  | Avg |  | Total |  |  |  | BF by | Grad |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Species | DBH |  | MBF | 1P | 2P | 3P | SM | 1S | 2S | 3S | 4S | UT |
| Douglas fir | 24.1 | 7 | 1,713 |  |  | 17 | 45 |  | 1,334 | 273 | 38 | 6 |
| Hemlock | 17.2 | 7 | 955 |  |  |  |  |  | 517 | 341 | 76 | 21 |
| Red alder | 12.5 |  | 260 |  |  |  |  | 17 | 43 | 46 | 107 | 48 |
| Red cedar | 20.9 |  | 69 |  |  |  |  |  |  | 63 | 6 |  |
| Spruce | 16.7 |  | 14 |  |  |  |  |  | 5 | 6 | 3 |  |
| Maple | 15 |  | 4 |  |  |  |  |  |  |  | 3 | 1 |
| Sale Total |  |  | 3,015 |  |  |  |  |  |  |  |  |  |
| MINIMUM BID: |  | \$0.00 |  |  |  | BID METHOD: |  |  | Sealed Bids |  |  |  |
| PERFORMANCE |  |  |  |  |  |  |  |  |  |  |  |  |
| SECURITY: |  | \$0.00 |  |  |  | SALE TYPE: |  |  |  | Lump Sum |  |  |
| EXPIRATION DATE: |  | October 1, 2018 |  |  |  | ALLOCATION: |  |  |  | Export Restricted |  |  |

BID DEPOSIT: $\quad \$ 0.00$ or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.
HARVEST METHOD: Cable and Shovel. This sale is estimated to be 60\% shovel yarding and 40\% cable yarding. A detailed felling and yarding plan shall be required prior to any harvest activities. Shovel yarding is restricted to slopes of $40 \%$ or less. For additional harvest requirements, refer to the $\mathrm{H}-140$ and $\mathrm{H}-141$ clauses in the contract. Shovel Yarding will not be permitted from October 1 to May 1 unless authorized in writing by the Contract Administrator.

ROADS: 28.01 stations of optional construction. 386.00 stations of required pre-haul maintenance. Rock for construction and pre-haul maintenance under this contract may be obtained from the Upper Mill Ridge Quarry located in Section 21, Township 13 North, Range 06 West, W.M., at no charge to the Purchaser. Rock used in accordance with quantities on the ROCK LIST may also be obtained from any commercial source at the Purchaser's expense and subject to approval in writing by the Contract Administrator before their use. All road work will not be permitted from October 1 to May 1 unless authorized in writing

WASHINGTON STATE DEPARTMENT OF
natural resources

## TIMBER NOTICE OF SALE

by the Contract Administrator. The hauling of forest products will not be permitted from October 1 to May 1 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION
CRUISE METHOD: The sale acres were determined by GPS. The sale area was cruised using a variable plot cruise method.

## FEES:

$\$ 53,600.00$ is due on day of sale. $\$ 9.00$ per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale contains an estimated 317 MBF of higher quality DF 2 saw logs, 56 MBF of higher quality DF 3 saw logs, and 17 MBF of higher quality DF 3P saw logs, 45 MBF of higher quality DF SM saw logs, 298 MBF of higher quality WH 2 saw logs, and 137 MBF of higher quality WH 3 saw logs, derived from the cruise. Northern spotted owl Timing restrictions are described as no operation of heavy equipment within the critical nesting season (March 1 to August 31) see contract clause H-141. No operations will be permitted, including suspending cables lines, over unstable areas identified on the FP slope stability form and map.

TIMBER SALE MAP

| SALENAME: | OH HENRIE | REGION: |
| :--- | :--- | :--- |
| AGREEMENT \#: | $30-093931$ | COUNTY(S): |
| TOWNSHIP(S): | T13R06W | ELEVATION RGE: PACIFIC |



| / / Variable Retention Harvest | ~~ S Sale Boundary Tags | $\longrightarrow$ | Streams |
| :---: | :---: | :---: | :---: |
|  | ~ ~ ~ Leave Tree Tags | $\square$ | Stream Type |
| - Riparian Mgt Zone | - Reprod | * | Stream Type Break |
| X Quarry | - Property Line | 4 | Leave Trees |
|  | - Existing Roads | ¢ | Existing Rock Pit |
|  | $\Longrightarrow$ Required Pre-Haul Maintenance <br> --- Optional Construction | $\checkmark$ | Monumented Corners |

DRIVING MAP

| SALE NAME: OH HENRIE | REGION: Pacific Cascade Region |
| :---: | :---: |
| AGREEMENT\#: 30-093931 | COUNTY(S): PACIFIC |
| TOWNSHIP(S): T13R06W | ELEVATION RGE: 912-1664 |
| TRUST(S): Common Sch |  |



| - Highways | DRIVING DIRECTIONS: |
| :---: | :---: |
| - Haul Route | At mile marker 33 turn north onto Stevens Rd.from Highway 6 for 0.3 miles. |
| - Other Route | Turn west onto Elk Creek Rd. for 2.8 miles to end of pavement, begin Weyco-7000 |
| - Milepost Markers | 0.4 miles to Weyco-7010, continue on Weyco-7000 for 1.8 miles and stay left at the fork, begin Weyco-8000 |
| - Distance Indicator <br> Townig Rock Pit | Continue on the 8000 for 4.0 miles to the MC- 8400 intersection (stay right to continue on the 8000 to reach the western side of Unit 1). |
|  | Turn south onto the MC-8400 to reach the southern side of Unit 1 and the Upper Mill Ridge Quarry. |

WASHINGTON STATE DEPARTMENT OF nATURAL RESOURCES

| AUCTION: | October 25, 2016 starting at 10:00 a.m., <br> South Puget Sound Region Office, Enumclaw, WA |
| :--- | :--- |
| SALE LOCATION: | Sale located approximately 9 miles southeast of the town of Eatonville. |
| PRODUCTS SOLD | All timber, except leave trees marked with blue paint or bounded out by yellow leave tree |
| AND SALE AREA: | Area tags, snags, and downed timber existing more than 5 years from the day of sale, <br> bounded by the following: white timber sale boundary tags, property line marked with <br> pink flagging, and the 8 and 8332 roads in Unit \#1; all timber marked with a single band <br> of pink paint located north of Unit \#1 outside the boundary; all timber bounded by orange <br> right of way tags on part(s) of Sections 33 and 34 all in Township 16 North, Range 5 |
| CERTIFICATION: | East, W.M., containing 98 acres, more or less. |
| This sale is certified under the Sustainable Forestry Initiative® program Standard (cert <br> no: BV-SFIS-US09000572) and FSC 100\% raw materials under the Forest Stewardship <br> Council® Standard (cert no: BV-FM/COC-080501). |  |

## ESTIMATED SALE VOLUMES AND QUALITY:

| Species | Avg Ring |  | Total <br> MBF | MBF by Grade |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | DBH |  |  | 1P | 2 P | 3 P | SM | 1 S | 2S | 3S | 4S | UT |
| Douglas fir | 13.8 | 7 | 2,187 |  |  |  |  |  | 980 | 732 | 444 | 31 |
| Red alder | 14.9 |  | 478 |  |  |  |  |  | 189 | 128 | 140 | 21 |
| Hemlock | 13 | 7 | 49 |  |  |  |  |  | 15 | 13 | 18 | 3 |
| Cottonwood | 20.1 |  | 24 |  |  |  |  |  | 22 |  |  | 2 |
| Sale Total |  |  | 2,738 |  |  |  |  |  |  |  |  |  |

MINIMUM BID:
\$764,000.00

SECURITY: \$100,000.00

EXPIRATION DATE: October 31, 2018

BID METHOD: Sealed Bids

SALE TYPE: Lump Sum
ALLOCATION: Export Restricted

BID DEPOSIT: $\quad \$ 76,400.00$ or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable and ground based equipment with ground based equipment, with self-leveling equipment limited to sustained slopes 65 percent or less, cable-tethered equipment limited to sustained slopes 70 percent or less, and all other ground based equipment limited to sustained slopes 45 percent or less. Yarding may be restricted if rutting becomes excessive, per clause $\mathrm{H}-017$.

Falling, yarding and timber haul will not be permitted from November 1st to May 15th, nor at all on weekend or state recognized holidays, unless authority to do so is granted, in writing, by the Contract Administrator. If permission is granted to operate from November 1st to May 15th, the Purchaser shall comply with a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser's
expense. Sedimentation preventative measures must be in place prior to commencing any winter operations.

ROADS:
34.01 stations of required construction. 12.62 stations of optional construction. 3.00 stations optional construction of landings. 123.69 required pre-haul maintenance. 20.99 required post-haul maintenance. 3.00 stations required decommissioning of landings, if built. Purchaser maintenance on the 81,81 ext., 81-2, 81-3, 833, and 8332 roads. Designated maintenance on all other roads used. Rock for this proposal may be obtained from the Charcoal Rock Pit or any commercial rock source.

Operation of road construction equipment or rock haul will not be permitted from November 1st to May 15th, nor at all on weekend or state recognized holidays, unless authority to do so is granted, in writing, by the Contract Administrator. If permission is granted to operate from November 1st to May 15th, the Purchaser shall comply with a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser's expense. Sedimentation preventative measures must be in place prior to commencing any winter operations.

## ACREAGE DETERMINATION

CRUISE METHOD: Acreage was determined by traversing boundaries by GPS. Traverse GPS files are available upon request by emailing rachel.mason@dnr.wa.gov. See cruise narrative for cruise method.

FEES: $\quad \$ 48,600.00$ is due on day of sale. $\$ 9.00$ per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: There are 21 take trees marked by a single band of pink paint located outside the northern boundary adjacent to the 8332 Road.

Purchaser must provide a written Extreme Hazard Abatement Plan, which meets the requirements of contract clause S-020. Hazard Abatement is required within 100 feet of the 8 Road. Approximate area is shown on the Timber Sale Map.

Wildlife timing restrictions will be in effect within the timing restriction area for eastern portion of the Unit and the Charcoal Rock Pit, as shown on the timber sale map. No activities are allowed within the timing restriction area from one hour before official sunrise to two hours after official sunrise, and from one hour before official sunset to one hour after official sunset from April 1 through August 31.

The Scott Turner Road and the DNR 8 Road are heavily used for residential and recreational traffic. Caution and active timber harvest signs shall be posted along both roads during operations. A road guard shall be used to control traffic during timber falling activities within 1.5 tree lengths of the DNR 8 Road.

Purchaser shall cut vine maple, leaving a stump of 12 inches or less in harvest area.
See map for gate locations. Gate keys may be obtained by contacting the South Puget Sound Region Office at (360) 825-1631 or by contacting Kevin Carlsen at (360) 8704090.

TIMBER SALE MAP






AGREEMENT NO: 30-088892
AUCTION:
October 25, 2016 starting at 10:00 a.m.,
COUNTY: Thurston South Puget Sound Region Office, Enumclaw, WA

## SALE LOCATION:

PRODUCTS SOLD AND SALE AREA:

Sale located approximately 8 miles southwest of Littlerock

All timber, except leave trees bounded out by yellow leave tree area tags and down timber existing more than 5 years from the day of sale bounded by the following: white "Timber Sale Boundary" tags, blue "Special Management Unit Boundary" tags, timber type change and the E-6000 Road in Unit \#1; white "Timber Sale Boundary" tags, blue "Special Management Unit Boundary" tags, the E-6500 Road in Unit \#2; white "Timber Sale Boundary" tags, blue "Special Management Unit Boundary" tags and the E-6500 Road in Unit \#3;

All timber, except leave trees marked with blue paint or bounded out by yellow leave tree area tags and down timber existing more than 5 years from the day of sale bounded by the following: white "Timber Sale Boundary" tags, blue "Special Management Unit Boundary" tags and the E-5200 Road in Unit \#4; white "Timber Sale Boundary" tags, the E-6000 and E-6070 roads in Unit \#5;

All timber as described in Schedule A bounded by white "Timber Sale Boundary" tags, blue "Special Management Unit Boundary" tags and the E6500 Road in Units \#7 and \#10; white "Timber Sale Boundary" tags and blue "Special Management Area" tags in Units \#6, \#8, \#9, \#11 and \#12 - \#20;

All right of way timber bounded by orange "Right of Way" tags in Unit \#21 on part(s) of Sections 7, 17, 18 and 19 all in Township 16 North, Range 3 West, W.M., containing 174 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative ${ }^{\circledR}$ program Standard (cert no: BV-SFIS-US09000572)

## ESTIMATED SALE VOLUMES AND QUALITY:



BID DEPOSIT: $\quad \$ 63,900.00$ or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Harvesting activities are estimated to be $95 \%$ ground-based and $5 \%$ cable. Forest products sold under this contract shall be harvested and removed using cable and tracked ground based equipment, with tracked ground based equipment limited to sustained slopes $45 \%$ or less. Self-leveling equipment or cable tethered equipment are restricted to sustained slopes of $55 \%$ or less. Use of tracked skidders shall be allowed for pole yarding and for Units \#6-\#20 only, unless authority to use other equipment is granted in writing by the State. Yarding may be restricted during wet weather if rutting becomes excessive, per clause H-017.

Cutting, yarding and timber haul within Units \#1-\#21, will not be permitted from November 1st to April 30th, unless authority to do so is granted in writing by the Contract Administrator. If permission is granted to operate from November 1st to April 30th the purchaser shall comply with a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser's expense. Preventive measures required in the Winter Operating Plan must be put in place prior to commencing any winter operations.

Cutting, yarding and timber haul within Unit \#5, will not be permitted on any weekends, state recognized holidays, or from 7:00 PM to 7:00 AM, unless authority to do so is granted in writing by the State.

## ROADS:

18.54 stations of required construction. 18.93 stations of required reconstruction. 24.23 stations of optional construction. 265.22 stations of required pre-haul maintenance. 1.45 stations of required abandonment. 23.82 stations of required decommissioning. 10.7 stations of required decommissioning, if constructed. Purchaser maintenance on the E5000, E-5200, E-5200 Cutoff, E-5220, E-5280, E-6000 (from E-6200 junction to station $113+00$ ), E-6030, E-6050, E-6050 Ext., E-6070, E-6500, E-6510 Reroute, E-6510, and E6510 Ext. roads. Designated maintenance on all other roads used. Rock used in accordance with the quantities on the rock list may be obtained at no cost from the State owned Vantage Quarry, located in Section 22, Township 16 North, Range 04 West, W.M. or from any commercial source at the Purchaser's expense, as approved in writing by the Contract Administrator.

Road construction and rock haul will not be permitted from October 1st through April 30th, unless authority to do so is granted in writing by the Contract Administrator. If permission is granted to operate from October 1st through April 30th, the Purchaser shall comply with a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser's expense. Preventive measures required in the Winter Operating Plan must be put in place prior to commencing any winter operations.

## ACREAGE DETERMINATION

CRUISE METHOD: Acreage was determined by traversing boundaries by GPS. Traverse GPS data files are available upon request by emailing rachel.mason@dnr.wa.gov. See cruise narrative for cruise method.

FEES: $\quad \$ 53,250.00$ is due on day of sale. $\$ 9.00$ per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale is a combination of five variable retention harvest (VRH) units, fifteen variable density thinning (VDT) units, and one Right of Way unit. Units \#1 through \#5 are VRH,

## natural resources

TIMBER NOTICE OF SALE
Units \#6 through \#20 are VDT units and will be harvested by prescription, as described in Schedule A of the contract. Cutting cards will be provided to all fallers on site as a reference. Unit \#21 is a Right of Way unit.

Purchaser will be required to fell five trees per acre for down woody debris and snag creation within Units \#6-\#20. See Schedule A of the contract for details.

Another sale was auctioned in June of 2016 will be operating in Vantage Quarry Pit and harvesting adjacent to it. The sale will also be harvesting off the E-6200 Road and installing a gate at the beginning of the E-6000 Road.

TIMBER SALE MAP

| SALENAME: | ON TIME VRH \& VDT | REGION: | South Puget Sound Region |
| :--- | :--- | :--- | :--- |
| AGREEMENT \#: | 88892 | COUNTY(S): | THURSTON |

TOWNSHIP(S): T16R03W, T16R04W ELEVATION RGE: 262-1122
TRUST(S ): State Forest Transfer(1), Common School and Indemnity(3), Charitable/Educational/Penal \& Reformatory Instit.(6), Forest Board Repayment(42)


TIMBER SALE MAP

| SALE NAME: | ON TIME VRH \& VDT | REGION: | South Puget Sound Region |
| :--- | :--- | :--- | :--- |
| AGREEMENT \#: | 88892 | COUNTY(S): | THURSTON |
| TOWNSHIP(S): | T16R03W, T16R04W | ELEVATION RGE: 262-1122 |  |

TRUST(S): State Forest Transfer(1), Common School and Indemnity(3), Charitable/Educational/Penal \& Reformatory Instit.(6), Forest Board Repayment(42)


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DRIVING MAP

WASHINGTON STATE DEPARTMENT OF nATURRL RESOURCES

AGREEMENT NO: 30-093178
AUCTION:
October 27, 2016 starting at 10:00 a.m.,
COUNTY: Wahkiakum Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 2 miles east of Rosburg

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative ${ }^{\circledR}$ program Standard (cert no: BV-SFIS-US09000572)

## ESTIMATED SALE VOLUMES AND QUALITY:

|  | Avg Ring |  | Total | MBF by Grade |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Species | DBH |  | MBF | 1P | 2P | 3 P | SM | 1 S | 2 S | 3 S | 4S | UT |
| Hemlock | 18.1 | 7 | 2,057 |  |  |  |  |  | 1,232 | 695 | 120 | 10 |
| Douglas fir | 17.8 | 7 | 818 |  |  |  |  |  | 405 | 342 | 71 |  |
| Red alder | 11.2 |  | 66 |  |  |  |  |  |  | 7 | 47 | 12 |
| Sale Total |  |  | 2,941 |  |  |  |  |  |  |  |  |  |

MINIMUM BID: $\quad \$ 0.00$
BID METHOD: Sealed Bids
PERFORMANCE
SECURITY: $\quad \$ 0.00$
SALE TYPE: Lump Sum
EXPIRATION DATE: October 31, 2018 ALLOCATION: Export Restricted
BID DEPOSIT: $\quad \$ 0.00$ or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.
HARVEST METHOD: Cable and Ground based equipment. Harvesting activities are estimated to be 95\% ground-based, $5 \%$ cable. Ground-based harvesting equipment is restricted to slopes of $40 \%$ and less. See Clauses $\mathrm{H}-140$ and $\mathrm{H}-141$ for further harvest requirements. A detailed felling and yarding plan shall be required prior to any harvest activities and approved in writing by the Contract Administrator.

ROADS:
5.65 stations of required reconstruction. 25.18 stations of optional construction. 17.05 stations of optional reconstruction. 132.40 stations of pre-haul maintenance. Rock used in accordance with the quantities on the ROCK LIST shall be obtained from any commercial source at the Purchaser's expense. Rock sources will be subject to written approval by the Contract Administrator before their use. All road work will not be permitted from October 1 to April 30 unless authorized in writing by the Contract Administrator. The hauling of forest products will not be permitted from October 1 to April 30 unless authorized in writing by the Contract Administrator.

TIMBER NOTICE OF SALE
ACREAGE DETERMINATION
CRUISE METHOD: The sale acres were determined by GPS. The sale area was cruised using a variable plot cruise method.

FEES:
$\$ 52,200.00$ is due on day of sale. $\$ 9.00$ per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale has approximately 84 MBF of high quality DF 2 saw, 359 MBF of high quality WH 2 saw, 17 MBF of high quality 3 saw DF and 147 MBF of high quality 3 saw WH.
See driving map for gate locations. Hancock gate keys may be obtained from the Hancock office located at 273 West State Route 4, Cathlamet, WA 98612 Phone (360) 795-3221.

TIMBER SALE MAP


| SALE NAME: SILVER SLIVER |  |
| :--- | :--- |
| AGREEMENT\#: | 30-0931188 |
| TOWNSHIP(S) | T10R08W |
| TRUST(S): $\quad$ University - Transferred(5) |  |

REGION: Pacific Cascade Region COUNTY(S): WAHKIAKUM AGREEMENT\#: 30-093178
TOWNSHIP(S): T10R08W
ELEVATION RGE: 647-1060


| Timber Sale Unit | DRIVING DIRECTIONS: |
| :---: | :---: |
| - Highways | From State Route 4 East of Mile Marker 16: |
| - Haul Route | Turn North on G-2000 and Continue 0.4 Miles to Gate. |
| - Other Route | Continue through Gate and coninue on G-2000 for 0.8 miles to Unit. |
| $\square \quad$ Milepost Markers $\bullet-\quad$ Gate (Hancock) |  |
| - Distance Indicator |  |

AUCTION:
October 26, 2016 starting at 10:00 a.m., Northwest Region Office, Sedro Woolley, WA

## SALE LOCATION:

 PRODUCTS SOLD AND SALE AREA:Sale located approximately 4 miles northeast of Kendall, WA

All timber bounded by white timber sale boundary tags and the RM-ML and RM-20 roads, except forest products tagged out by blue special management tags, trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, and cedar snags, preexisting dead and down cedar trees and cedar logs in Unit \#1.

All timber bounded by white timber sale boundary tags and adjacent young stands, except forest products tagged out by blue special management tags, trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, and cedar snags, preexisting dead and down cedar trees and cedar logs in Unit \#2.

All trees as described for removal in Schedule B located in the RMZ thinning areas (beyond the blue special management tags up to the white timber sale boundary tags and RM-20) within Units \#1 and \#2.

Trees marked with orange paint along the RM-20 road.
The above described products on part(s) of Sections 23 and 24 all in Township 40 North, Range 5 East, W.M., containing 56 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative ${ }^{\circledR}$ program Standard (cert no: BV-SFIS-US09000572)

## ESTIMATED SALE VOLUMES AND QUALITY:



BID DEPOSIT: $\quad \$ 40,000.00$ or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable; cable or shovel on sustained slopes $40 \%$ or less. Falling and Yarding will not be permitted from November 1 to March 31 unless authorized in writing by the Contract Administrator(THIS PERTAINS TO GROUND-BASED EQUIPMENT ONLY) to reduce soil damage and erosion.

ROADS:
10.52 stations of required construction. 28.58 stations of required reconstruction. 137.84 stations of required prehaul maintenance. Installation of a gate; gate furnished by the State, available at NW Region Office.

Rock may be obtained from the following source(s) on State land at no charge to the Purchaser: Red Mt. Pit at station $20+53$ of the RM-23 Road. Existing Stockpiles of rock (both 2-inch minus crushed and 3-inch minus ballast rock) available (see road plan for details).

Development of an existing rock source will involve drilling, shooting, and processing rock to generate riprap and 3 -inch-minus ballast.

An estimated total quantity of rock needed for this proposal: 88 cubic yards of riprap and 6,775 cubic yards of 3 -inch minus ballast rock and 155 cubic yards of 2 -inch minus crushed rock.

Road work and the hauling of rock will not be permitted from November 1 to March 31 unless authorized in writing by the Contract Administrator to reduce soil damage and siltation. The hauling of forest products will not be permitted from November 1 to March 31 unless authorized in writing by the Contract Administrator to reduce soil damage and siltation.

## ACREAGE DETERMINATION

CRUISE METHOD: Acres determined by GPS traverse. 67.1 acres gross. 2.1 acres deducted for green tree retention clumps and 7.3 acres deducted for no-harvest RMZ area and 2.1 acres deducted for existing road area. 55.6 acres net. Cruised using variable plot method. Expansion factors used are 54 in VRH areas and 40.00 in VDT areas in RMZs. Sighting height is 4.5 feet. A total of 65 plots were taken.

FEES: $\quad \$ 28,169.25$ is due on day of sale. $\$ 9.00$ per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: 1. A portion of the RM-21 is on an abandoned grade..
2. Outer boundary of harvest area in RMZ thinning areas is demarcated with blue special management tags within the sale area.
3. HQ DF noted within the sale area. See cruise for further details (approximately 16 mbf of the above listed DF 2 S is deemed high quality by the Department).
4. Shapefiles of units available upon request.
5. Harvest area intended for $100 \%$ ground-based yarding.

TIMBER SALE MAP

|  | - Streams |
| :---: | :---: |
| $\square \otimes \geq$ RMZ Thinning | $\square$ Stream Type |
| \%...Leave Tree Area | * Stream Type Break |
| 3, No-Cut RMZ | Required Reconstruction |
| ~Sale Boundary Tags | Required Pre-Haul Mainte |
| $\times$ Special Mgmt Area | Existing Roads |
| mber Type Break | $===$ Required Construction |

DRIVING MAP

| SALE NAME: | UPPER DOAKS | REGION: |
| :--- | :--- | :--- |
| AGREEMENT\#: | NO-093613 | Northwest Region |
| TOWNSHIP(S) : T40R05E | COUNTY(S): | WHATCOM |
| TRUST(S): | State Forest Transfer (01) | ELEVATION RGE: 1775-2279 |



|  | Timber Sale Unit Highways |
| :---: | :---: |
|  | Haul Route Other Route |
| $\square$ $\bullet$ $\star$ | Milepost Markers <br> Distance Indicator <br> Town |

To Units:
-From the intersection of HWY 542 and 547 travel east on 542 for 1.8 miles.
-Turn left onto the Red Mtn Mainline (RM-ML).
-Travel the RM-ML for 2.0 miles.
-Turn right onto the RM-20. Unit 1 is on your right.
-Continue on the RM-20 for 0.2 miles to Unit 2 .
To Rock Pit:
-From the intersection RM-20 and RM-ML continue on the RM-ML for 0.4 miles.
-Turn left on the RM-23.
-Proceed for 0.3 miles to the Red Mountain Rock Pit.

AGREEMENT NO: 30-094392
AUCTION:
September 28, 2016 starting at 10:00 a.m.,
COUNTY: Whatcom Northwest Region Office, Sedro Woolley, WA

SALE LOCATION:
Sale located approximately 2 miles northeast of Acme, WA.
PRODUCTS SOLD AND SALE AREA:

All timber bounded by pink and green ribbon and the VZ-ML, VZ-13 and VZ-1302 roads, except trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags and cedar snags, preexisting dead and down cedar trees and cedar logs in the Unit.

The above described products on part(s) of Sections 33 all in Township 38 North, Range 5 East, W.M., containing 19 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative ${ }^{\circledR}$ program Standard (cert no: BV-SFIS-US09000572)

## ESTIMATED SALE VOLUMES AND QUALITY:



## ACREAGE DETERMINATION

## TIMBER NOTICE OF SALE

CRUISE METHOD: Acres determined by GPS traverse. 25.7 acres gross. 1.7 acres deducted for RMZ/WMZ areas, 2.2 acres deducted for green tree retention clumps and 3.0 acres deducted for existing roads. 18.8 acres net. Cruised using variable strip cruise method. Expansion factor used is 2.5 . Sighting height is 4.5 feet. A total of 8 strip plots were taken.

Shapefiles of units are available upon request.
FEES:
$\$ 2,343.00$ is due on day of sale. $\$ 9.00$ per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: 1. Sale material is remnants from the prior Valley View VRH \& VDT timber sale, which subsequently experienced a high percentage of withthrow.
2. 1 MBF was placed in HEM, RC and RA as a place holder for the price for the appraisal because this is a scale sale. Cruise only captured 132 MBF of DF.

TIMBER SALE MAP



DRIVING MAP

SALE NAME: VALLEY VIEW AGREEMENT\#: 94392
TOWNSHIP(S): T38R05E
TRUST(S): State Forest Transfer(1)

REGION:
COUNTY(S):
Northwest Region ELEVATION RGE: WHATCOM ELEVATION RGE: 960-1200


