Good Neighbor Authority
Wisconsin Department of Natural Resources
Holt Ranch Timber Sale
Lakewood/Laona Ranger District
Chequamegon-Nicolet National Forest
Section 3 & 4 of T32N R17E and
Section 34 of T33N R17E
Oconto County, WI
Tract Number: 8002-01-18
101 acres, 2 Units

Legend
- Maped by: Hillary Keller 11/20/17

DNR Contacts:
Richard Lietz – (715) 276-1582
Hillary Keller – (715) 478-3010

Scale: 8" = 2 Miles
1:15,840

Cutting Prescription:

Red Pine Thinning Area (92 Acres): Stand 4049-012
- Harvest all trees marked with Blue Paint.
- Leave all standing snag and den trees that do not pose a safety hazard uncut.
- Damage to any residual trees will not be tolerated.
- Utilization will be to at least a 4 inch top.

Red Pine Clearcut Area (9 Acres): Stand 4049-018
- Harvest all trees 1 inch and larger unless marked with Orange Paint.
- Leave all standing snag and den trees that do not pose a safety hazard uncut.
- Damage to any residual trees will not be tolerated.
- Utilization will be to at least a 4 inch top.

General Sale Conditions:
- Seasonal Restrictions: harvesting and hauling will only be allowed between October 1 and April 30.
- Sale boundaries and reserve areas are established using Orange Paint.
- Do not harvest trees or operate equipment across Orange Paint lines.
- Special HRD Provision - To prevent the introduction and/or spread of Heterobasidion Root Disease also known as Annosum root rot, borax-based products, such as Sporax® or Cellu-Treat® should be applied (according to label instructions and FS Special Provision R9-CT6.41#) to all conifer stumps within 24 hours of harvest. Treatment is required during harvest activities from April 1 to Dec 31.
- Equipment must be cleaned and inspected by the DNR Sale Administrator before entering or leaving sale area to prevent the introduction/spread of invasive species.
- Purchaser required to post signs on USFS roads alerting recreationalists of thinning activities.
- All slash shall be pulled 10 feet from the edge of all roads and trails.
- Retain logging slash in place (limbing at stump) as much as possible.
**Location:** Oconto, WI

<table>
<thead>
<tr>
<th>32N</th>
<th>R17E</th>
<th>3</th>
<th>SWNE, NW ¼, NESW, NWSE,</th>
</tr>
</thead>
<tbody>
<tr>
<td>32N</td>
<td>R17E</td>
<td>4</td>
<td>SENE</td>
</tr>
<tr>
<td>33N</td>
<td>R17E</td>
<td>34</td>
<td>SWSW</td>
</tr>
</tbody>
</table>

**Estimated Volumes and Values**

<table>
<thead>
<tr>
<th>Species</th>
<th>Cords</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Pine¹</td>
<td>1100</td>
</tr>
<tr>
<td>Jack Pine²</td>
<td>160</td>
</tr>
<tr>
<td>Aspen</td>
<td>50</td>
</tr>
<tr>
<td>Mixed Hardwood³</td>
<td>10</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>1320 Cords</strong></td>
</tr>
</tbody>
</table>

**Minimum Acceptable Bid:** $55,748.00

All volume estimates were obtained using the “Forest Metrix” volume estimating system. Plot data includes measuring individual tree diameter and # of 8 foot sticks per sample tree to calculate volumes.

¹ Red pine sold as mixed product and contains ~163 MBF of sawtimber.
² Jack Pine contains 94% jack pine, 3% balsam fir, 2% white pine, and 1% white spruce.
³ Mixed hardwood is mostly oak, also includes all other hardwoods not listed above.

**Sale Conditions:**
- Mill Scale Sale
- No bid bond required
- A performance bond of 15% of the total sale bid value required
- The cutting area is approximately 101 acres
- The contract period is 2 years
- Sale bounded by ORANGE paint and established roads. See sale maps for specifics
- Do not harvest trees, drop slash, or operate equipment across ORANGE paint line
- Damage to any residual trees will not be tolerated
- Leave all standing snag and den trees that do not pose a safety hazard uncut
- Utilization will be to a 4” top

**Cutting Prescriptions**
- Red Pine Row Thinning Area: Stand 4049-012 (92 acres)
  - Harvest all trees marked with BLUE PAINT
- Red Pine Clearcut Area: Stand 4049-018 (9 acres)
  - Harvest all trees 1” and greater except trees marked with ORANGE PAINT
Special Conditions:

- **NO SALE MAY BEGIN WITHOUT PRIOR NOTIFICATION AND AN ON-SITE MEETING WITH A WISCONSIN DNR SALE ADMINISTRATOR.**
- Purchaser required to post signs on USFS roads alerting recreationalists of thinning activities. Snowmobile Restrictions: Hauling is prohibited on the Snowmobile Trails on Federal Holidays, weekends starting noon on Friday through midnight Sunday, and between Christmas Day and New Year’s Day. At all times during the snowmobile season, keep at least 4 inches of packed snow on the trail. Keep trail clearing (10 feet from the edge of the trail) cleared of debris resulting from purchaser’s operations as work progresses. Do not deck wood on inside curves, where it could obscure oncoming traffic.
- Equipment must be cleaned and inspected by the DNR Sale Administrator before entering and leaving the sale area to prevent the introduction/spread of invasive species.
- **Special HRD Provision** - To prevent the introduction and/or spread of Heterobasidion Root Disease also known as Annosum root rot, borax-based products, such as Sporax® or Cellu-Treat® should be applied (according to label instructions and FS Special Provision R9-CT6.41#) to all conifer stumps within 24 hours of harvest. Treatment is required during harvest activities from April 1 to Dec 31.
- Pine products cut between October 1 to April 30 must be removed prior to April 30 of each year.
- Seasonal Restrictions:
  - Site disturbing activities are only allowed from October 1 to April 30.
  - All slash shall be pulled 10 feet from the edge of all roads and trails.
  - Retain logging slash in place (limbing at stump) as much as possible.
  - Chequamegon-Nicolet Forest Plan requires that all native surfaced approaches to paved or graveled roads have 100 ft. of gravel, 6 in. deep, 12 ft. wide put down when used during non-frozen conditions.
  - The location and clearing widths of all Temporary Roads shall be agreed to in writing before construction is started. “Temporary Roads” are roads other than Specified Roads that are constructed by Purchaser for the purpose of harvesting included timber.
  - When two or more commercial users are simultaneously using the same road, the commercial users will develop maintenance responsibilities and arrangements for accomplishing the work. Seller must agree to this plan. If the commercial users cannot agree on maintenance responsibilities, seller shall resolve the differences.
  - Temporary roads shall be closed at the end of the sale with berms. Berms must be constructed at locations designated by DNR Sale Administrator and shall be created using the following design features:
    - Berms must be at least four feet in height
    - Berms must be made with dirt mixed with rocks, stumps, logs, root-wads, or slash and shall be created without creating a defined trench.
  - The following roads will be decommissioned after use with a berm. Berms must be constructed at locations designated by the DNR Sale Administrator and shall be created using the above design features:
    - **Road 9403178.**

### Road Restrictions List

<table>
<thead>
<tr>
<th>Road Number</th>
<th>Road Name</th>
<th>Termin</th>
<th>Map Legend</th>
<th>Description of Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>9403177</td>
<td>Holt Ranch Rd.</td>
<td>2320 End of Use</td>
<td>R</td>
<td>1. Used only during surface firm or frozen conditions.</td>
</tr>
<tr>
<td>9403178</td>
<td>Holt Ranch Rd.</td>
<td>403177 End of Use</td>
<td>R</td>
<td>1. Used only during surface firm or frozen conditions.</td>
</tr>
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<td>2320</td>
<td>Holt Ranch Rd.</td>
<td>403177 End of Use</td>
<td>R</td>
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</tr>
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2. Hauling is prohibited on the Snowmobile Trails on Federal Holidays, weekends starting noon on Friday, through midnight Sunday, and between Christmas Day and New Year’s Day. At all times during the snowmobile season, keep at least 4 inches of packed snow on the trail.
Packed snow on the trail. Keep trail clearing (10 feet from the edge of the trail) cleared of debris resulting from purchaser’s operations as work progresses. Do not deck wood on inside curves, where it could obscure oncoming traffic.

Road Maintenance Requirements Summary

Purchaser shall maintain roads, commensurate with Purchaser’s use. Roads must be left in as good or better condition than existed prior to harvest. Performance of road maintenance work by Purchaser may be required prior to, during, or after each period of use. The timing of work accomplishment shall be based on Purchaser’s operating schedule and road conditions. Specific required road maintenance specifications are included below.

Purchaser shall maintain roads in accordance with the following Contract Road Maintenance Requirements Summary:

<table>
<thead>
<tr>
<th>Road</th>
<th>Termini</th>
<th>Timing: Pre-haul</th>
<th>During Post haul</th>
<th>Applicable Road Maintenance Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>From</td>
<td>To</td>
<td>Miles</td>
<td>8110</td>
</tr>
<tr>
<td>FS 2320</td>
<td>FS 3877 (Holt Ranch)</td>
<td>FS 9403177</td>
<td>0.40 Post Haul</td>
<td>X</td>
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<tr>
<td>FS 9403177</td>
<td>FS 2320</td>
<td>END</td>
<td>1.06 Post Haul</td>
<td>X</td>
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<tr>
<td>FS 9403178</td>
<td>FS 9403177</td>
<td>END</td>
<td>0.20 Post Haul</td>
<td>X</td>
</tr>
</tbody>
</table>

Specification No. | Specification Title
T-8110          | Maintenance Blading/Grading
T-8420          | Cutting Roadway Vegetation

T-8110: Maintenance Blading/Grading is keeping an aggregate surfaced Roadbed in a condition to facilitate traffic and provide proper drainage. It includes maintaining the Crown, Inslope or Outslope of the Traveled Way, Turnouts, and Shoulder; repairing Berms; blending approach road intersections; and cleaning Drainage Dips and Lead-off Ditches.

T-8420: This work includes removal of brush, trees and other vegetative growth from within the clearing limits. This may include brush mowing of shoulders to prevent larger growth which would inhibit travel in the future.