Bayfield County Forestry and Parks Department

Forester: LeBouton  Compartment: 30  Stand: 4, 5, & 14  Tract Number: 17-18
Twp: 50N  Range: 5W  Sec: 3 & 4  Township: Bayfield  Contract Number: 
Topography: Flat  Reforestation Code: NAT  Soil: Silt Loam over Clay  Acres: 145

Estimated Volumes

<table>
<thead>
<tr>
<th>Species</th>
<th>4&quot; Roundwood (Cords)</th>
<th>Whole Tree (Tons)</th>
<th>Sawlogs (MBF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aspen</td>
<td>980</td>
<td>3240</td>
<td></td>
</tr>
<tr>
<td>White spruce*</td>
<td>770</td>
<td>2240</td>
<td></td>
</tr>
<tr>
<td>Mixed hardwood**</td>
<td>400</td>
<td>1470</td>
<td></td>
</tr>
</tbody>
</table>

*White spruce includes 8% balsam fir
**Mixed hardwood: 40% hard maple; 30% soft maple; 15% basswood; 10% white birch; 5% ash.

Aspen = 7" median DBH.
Spruce = 11" average DBH

Notes:
Harvest during frozen or dry conditions, as determined by sale administrator.
Three areas of concentrated flow where non-permitted crossings exist on roads.
TRACT 17-18 – HARVEST REQUIREMENTS
The following terms and conditions supplement those provided in the Bayfield County Timber Sale Contract.

A. PRESCRIPTION:
   1. Unit 1: White spruce overstory removal to release aspen, oak, and pine saplings. Residual 3 sq.ft./acre
   2. Unit 2: Aspen coppice harvest. Residual 3 sq.ft./acre.

B. HARVEST REQUIREMENTS
   1. Unit 1: Cut all overstory spruce, red maple, and ash 4” DBH and larger. DO NOT CUT OR DAMAGE any white pine, red pine, white cedar, or oak. Do not damage aspen, fir, or oak saplings.
   2. Unit 2: Cut all trees greater than 2” diameter, EXCEPT: DO NOT DAMAGE white pine, red pine, white cedar, or oak saplings or overstory trees.

C. OPERATIONAL REQUIREMENTS and SEASONAL RESTRICTIONS:
   1. Sale operations may only occur during frozen or dry conditions as determined by Bayfield County.
   2. Three areas of concentrated flow cross haul roads, and will require rehabilitation after sale, to the satisfaction of sale administrator. Northern crossing will require removal of existing fill to return drainage to natural grade and flow after the sale.
   3. If erosion runoff becomes a problem during the sale, then sale administrator will require additional stabilization measures.
   4. If harvest occurs in frozen conditions, non-navigable crossings indicated on map will require freezing down.
   5. If harvest occurs in non-frozen conditions, Contractor must install appropriate crossings at three non-navigable drainages as indicated on map. Sale administrator must approve crossing design prior to installation.
   6. Sale boundaries are red paint lines as indicated on map, roads, or cover type changes.
   7. DO NOT DECK WOOD in wildlife openings indicated on map.
   8. If harvest will utilize the whole tree, 1 in 10 tops must be left scattered throughout the sale.

D. ACCESS AND ROADS:
   1. This contract requires County authorization for all road/landing construction and places a number of other requirements on road construction and closure.
   2. Decking of wood along town roads will not be allowed without permission from Bayfield County.

E. OTHER:
   1. To comply with Best Management Practices for Invasive Species:
      Prior to moving equipment onto or off the sale area, scrape or brush soil and debris from exterior surfaces to the extent practical.
   2. Do not damage survey monumentation.