



TIMBER SALE PRESCRIPTION

GENERAL

| | |
|------------------------------------|--|
| Date 08/17/2010 | Forest, Mineral and Fire Management Unit Sault Ste. Marie |
| Timber Sale Number (if applicable) | Sale Name (or prescription name) C20 Contract |

LOCAL CONTACT

| | |
|-------------------------------------|-------------------------------|
| Name Jeffery Wise | Telephone (906) 635 - 5281 |
| Email Address wisej@michigan.gov | FAX (906) 635 - 5282 |

Map of Project Area Attached

LEGAL DESCRIPTION

T41N R3E Section(s) 2 Description NW1/4, NESW, NWSE, SWNE

Year of Entry: 2006 Compartment(s):20 Stand Number(s): 10, 48, 51, 52

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 123 Source: OI GPS Other _____

Payment will be made on the basis of these estimated acres.

TREATMENT & OBJECTIVE

| STAND # | COVER TYPE | ACRES | BA | TREATMENT | MANAGEMENT OBJECTIVE |
|---------|------------|-------|-----|---------------|----------------------|
| 10 | P | 32 | 100 | Final Harvest | Lowland poplar |
| 48 | M | 51 | 130 | Selection | Northern Hardwoods |
| 51 | M | 23 | 100 | Selection | Northern hardwoods |
| 52 | B | 17 | 160 | Selection | White Birch |
| | | | | | |
| | | | | | |
| | | | | | |

PRESCRIPTION

1. Stand 10-cut all merchantable trees except cedar and yellow birch.
 2. Stand 48-Mark to 80 basal area, do not mark oak, cedar, pine, hemlock, or yellow birch.
 3. Stand 51-Mark to 80 basal area, do not mark oak, cedar, pine, hemlock, or yellow birch.
 4. Stand 52-Mark to 80 basal area, mark only white birch.
 - 5.
 - 6.
 - 7.
 - 8.
 - 9.
 - 10.
- Access** Cranberry Flooding road off M-134.

| DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK | ESTIMATED DATE |
|--|----------------|
| | |
| | |
| | |

CONTRACT WORK CAN BEGIN

Immediately Date: _____

CONTRACT WORK MUST BE COMPLETED BY Date 08/31/2011

PAINT LINE WORK This is included in the bid This is not included in the bid**Paint line work to be performed: (See attached map for locations)**

| TYPE OF LINE | WORK TO BE DONE | NOT APPLICABLE | PAINT COLOR | |
|-------------------|-------------------------------------|--------------------------|--|--|
| Private boundary | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Blue | <input type="checkbox"/> Other: |
| Sale boundary | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Red | <input type="checkbox"/> Other: |
| Sale cutting unit | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yellow | <input checked="" type="checkbox"/> Other: Green |
| Stand type line | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Other: |

Exclusions to mark and why**Standards for marking lines against private land**

Approx one quart of blue for every 1/4 mile of line, facing so both owners can see paint(east/west)

AREA CALCULATION This is included in the bid This is not included in the bid

| UNIT | METHOD | STANDARD |
|--------------|--|----------|
| Sale | <input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other | |
| Payment Unit | <input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other | |
| Stand | <input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other | |

Special Instructions:

Stand 10 to be separate unit - need acres for cruising.

TIMBER CRUISING SPECIFICATIONS This is included in the bid This is not included in the bid**Required Basal Area Factor:** 10 20 Other:**Cruise Line Directions**

| CRUISING UNITS | NUMBER OF PLOTS PER ACRE | SPACING (CHAINS) |
|--------------------------------------|--------------------------|------------------|
| St10 | 1/acre | 3 X 3 |
| | | X |
| | | X |
| | | X |
| TOTAL NUMBER OF CRUISE POINTS | | |

Cruise Special Instructions:

Chain spacing is approximate.

For number of plots follow rule: one plot per stand acre.

Cruise all species to a 4 inch top, by total trees/total sticks per species.

Do not cruise sawlogs on balsam poplar and balsam fir.

Mark plot centers with orange or pink ribbon.

Unless otherwise specified, the tally sheets used must be those supplied by the Forest, Mineral and Fire Management Unit.

TIMBER MARKING SPECIFICATIONS

This is included in the bid This is not included in the bid

Precise specifications to be delineated at pre-work meeting with DNR staff

Total Merchantable Residual BA (Basal Area): 80 (Minimum 70 to Maximum 90)

| TREATMENT | | NUMBER | SIZE |
|----------------------------|------------------|-------------|-----------|
| Regeneration Gaps Per Acre | | 1/acre | 1/10 acre |
| Girdled Trees Per Acre | | | |
| PRODUCT | MARKING SYMBOL | MINIMUM DBH | TOP DIB |
| Sawlogs | slash w/log dots | 12" | 10" |
| Sawbolts | | | |
| Pulpwood | slash | 5" | |

| TYPE OF WORK | WORK TO BE DONE | NOT APPLICABLE | PAINT COLOR |
|-----------------------|-------------------------------------|--------------------------|--|
| Trees marked to leave | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Green <input type="checkbox"/> Other |
| Trees marked to cut | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Orange <input type="checkbox"/> Other |

| TALLY INTENSITIES | |
|-------------------|--------|
| SPECIES / PRODUCT | RATIO |
| hardwood pulp | 1 : 20 |
| | 1 : |
| | 1 : |
| | 1 : |

SPECIAL MARKING INSTRUCTIONS

Mark only hardwood logs and pulp, no other species, mark beech according to prevalence of BBD leave large "wolfy" trees for diversity and wildlife, do not mark snags and hollow/den trees, do not mark through boulder fields, and watch for walking fern, (see SOO Staff for details). Mark all trees on two sides.

Unless otherwise specified, the tally sheets used must be those provided by the Forest, Mineral and Fire Management Unit.

RESTRICTIONS

1. Forest, Mineral and Fire Management Division must to be able to identify who did what on the timber sale.
2. The contractor may not have more than two markers in one payment unit without prior approval.
3. Each marker should have an assigned area to mark (not strips).

PAINT

1. Call Jeff or Jason at (906) 635 - 5281, to make arrangements for paint.
2. Paint will be supplied from Sault Ste. Marie.
3. Contractor's work schedule must coincide with the DNR work schedule for paint supply.
4. The DNR will not be available on weekends or evenings.

DELIVERABLES

1. A list of names that marked or cruised each payment unit.
2. A summary of paint used (in quarts).
3. Tally summaries for each payment unit (one summary, regardless of the number of markers) and all of the original tally sheets.
4. GPS files for any GPS work.