



TIMBER SALE PRESCRIPTION

GENERAL

Date February 12, 2009	Forest, Mineral and Fire Management Unit Pigeon River MU
Timber Sale Number (if applicable)	Sale Name (or prescription name) Comp. 30 Contract Prep

LOCAL CONTACT

Name Don Mittlestad	Telephone (989) 983 - 4101
Email Address mittlesd@michigan.gov	FAX Number (989) 983 - 3957

Map of Project Area Attached

LEGAL DESCRIPTION

T32N R1W Section(s) 2 Description N1/2; NESW; NWSE

Year of Entry: 2009 Compartment(s):30 Stand Number(s): 7 and 24

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 83 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
7	J5	72	60	Final Harvest	Jack Pine
24	J4	11	30	Final Harvest	Jack Pine

PRESCRIPTION

DO NOT CUT Red, White Pine AND Oak. Hawthorn must be protected. Put Red Line around bigger patches of Hawthorn.
Access See attached map.

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 August 15, 2009

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 checked="" type="checkbox"/> Yellow <input type="checkbox"/> Other:
Stand type line	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> Other:

Exclusions to mark and why: Put Red Line around areas of Hawthorn. Areas should be GPS'd. See contract administrator for details

Standards for marking lines against private land

After locating Northeast Corner and the North Quarter Corner of section 2, paint in the Blue Paint line so it is visible from the state side, and easily seen from mark to mark.

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 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:

Sale map is to be produced at a scale of one inch to the ¼ mile. Four inches equals a mile. The no mark areas in stands 7 and 24 must be GPS'd.

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)
Stand 7 and 24	1	Approx. 3 Chains X 3 Chains
TOTAL NUMBER OF CRUISE POINTS	Approx. 83	

Cruise Special Instructions:

Do NOT Cruise Red and White Pine
 DO NOT cruise Oak.
 Cruise plots will be taken one per acre.

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 Residual BA (Basal Area):

TREATMENT		NUMBER	SIZE
Regeneration Gaps Per Acre		0	
Girdled Trees Per Acre		0	
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Orange <input type="checkbox"/> Other

TALLY INTENSITIES

SPECIES / PRODUCT	RATIO
	1 :
	1 :
	1 :

SPECIES TO FAVOR

Not Applicable

SPECIES TO Reduce

None

SPECIAL MARKING INSTRUCTIONS

If a stick nest is encountered see the sale administrator for further instructions.

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.

PAINT

1. Call Don Mittlestat or Rick McDonald at (989) 983 - 4101, to make arrangements for paint.
2. Paint will be supplied from Pigeon River Country Field Office.
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 all GPS work, which must be at a scale of 4 inches to the mile.

Pigeon River Country Management Unit Timber Cruising Specifications

1. Cruise at rate specified in the Timber Sale Preparation Prescription. This will be determined after the acreage determination. See contract administrator for number of plots needed after acreage determination.
2. Use a 10-factor prism.
3. Use the product standards to determine products and heights of products. Refer to product standards.
4. Mark location of plots on the map, using plot number.
5. Determine the residual BA of trees left on plot.
6. Unless otherwise agreed to by the contract administrator and the contractor, plot center will be marked by a stake or stick firmly inserted in the ground (not snow) with a ribbon attached to it at a height of not less than two feet above the ground, and labeled with the stand number and plot number. In addition ribbon at least 12 inches long must be attached to a tree closest to plot center.
7. All cruise sheets must have the compartment #, stand #, prism factor, date individual tree species, and the cruiser's name.