



TIMBER SALE PRESCRIPTION

GENERAL	
Date 8/31/2011	Forest, Mineral and Fire Management Unit Newberry
Timber Sale Number (if applicable)	Sale Name (or prescription name)

LOCAL CONTACT	
Name Keith Magnusson	Telephone (906) 293 - 3293 x4745
Email Address magnussonk@michigan.gov	FAX (906) 293 - 8530

Map of Project Area Attached

LEGAL DESCRIPTION
T49N R12W Section(s) 5, 6, 7 & 8 Description See Cover Type Map

Year of Entry: 2012 Compartment(s): 2 Stand Number(s): 32, 40 & 47

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 142 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
32	P6	72	150	Final Harvest	Lowland Poplar
40	P6	48	80	Final Harvest	Lowland Poplar
47	A6	22	120	Final Harvest	Aspen

PRESCRIPTION
<ol style="list-style-type: none"> Cruise out all species. Within all stands, retention areas must be designated by painting boundary lines around these exclusion areas within each stand. These areas will be approx. 5% of the stand area. Exact details of these retention areas will be discussed the pre-work meeting. In stand 32, leave approx. 10 Basal of scattered hemlock in addition to the retention areas. This may require leave tree marking hemlock in this stand. If stick nests are found leave a minimum 1 chain unmarked buffer around the nest tree. Prescriptions will be talked about in more detail at the pre-work meeting.

Access Work area is in the far northwest corner of Luce County. Proceed north of Newberry on M-123 to County Road 407. Take 407 north past Muskallonge State Park and west to the Luce/Alger County Line.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
None	

CONTRACT WORK CAN BEGIN

Immediately Date: _____

CONTRACT WORK MUST BE COMPLETED BY Date 09/01/2012

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 checked="" type="checkbox"/>	<input type="checkbox"/> Other:

Exclusions to mark and why

Retention areas will need to be designated and boundaries of these areas painted. These retention areas should be approx. 5% of the total stand area. This will be discussed at the pre-work meeting.

Standards for marking lines against private land

Must be within a minimum of 10 feet of actual property line.

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	2 meters
Payment Unit	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	2 meters
Stand	<input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	

Special Instructions:

Contractor must supply their own GPS Units that are capable of downloading information to a computer.

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)
All stands	.5	~4 X 5
		X
		X
		X
TOTAL NUMBER OF CRUISE POINTS		

Cruise Special Instructions:

Cruise all aspen, spruce, balsam fir as pulp; cruise all other species as sawlogs and pulp. Only record basal areas for any hemlock that was marked as a leave tree in Stand 32. Exact plot center will be marked by placing a stick in the ground, flagged with ribbon marked with the corresponding plot number. These items will be discussed at the pre-work meeting.

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): _____ (Minimum _____ to Maximum _____)

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

TYPE OF WORK	WORK TO BE DONE	NOT APPLICABLE	PAINT COLOR
Trees marked to leave	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 :
	1 :

SPECIAL MARKING INSTRUCTIONS

In stand 32, mark approximately 10 Basal Area of hemlock to be left as residual as it exists. This will be discussed at the pre-work meeting.

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 Keith Magnusson at (906) 293 - 3293 x4745, to make arrangements for paint.
2. Paint will be supplied from the Newberry 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 any GPS work.