



TIMBER SALE PRESCRIPTION

GENERAL

Date 06/15/2010	Forest, Mineral and Fire Management Unit Roscommon FMU
Timber Sale Number (if applicable) 71-003-11-01	Sale Name (or prescription name) Highline Mix

LOCAL CONTACT

Name Jason Hartman	Telephone (989) 275 - 4622
Email Address hartmanj@michigan.gov	FAX (989) 275 - 6203

Map of Project Area Attached

LEGAL DESCRIPTION

T23N R2E Section(s) 17 Description

Year of Entry: 2011 Compartment(s):194 Stand Number(s): 9, 11

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 71 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
9	09	35	130	Shelterwood	Oak/pine mixture
11	09	36	130	Shelterwood	Oak/pine mixture

PRESCRIPTION

1. Mark 50 sq. ft to leave consisting of red oak, white oak, and red maple.
2. Choose dominant oak trees with large crowns for mast and seed production.
3. Oak species selection is dependant on tree form not by species.
4. Choose individual maple stems with good form down to 6" dbh. Don't mark multi-stemmed maple.
5. Do not mark one oak from a clump. Mark all oak stems in a clump or mark none.
6. All pine will not be cut. However, pine volume does not count toward residual marking BA.
- 7.
- 8.
- 9.
- 10.

Access Access from the east is along a two-track leading in from Stoney Ridge Road. Access from the north is along a hilly powerline that can be driven by 4x4 truck during good weather.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
Red painted sale boundary	03/01/2011
Blue painted sale boundary	03/01/2011
Yellow painted sale boundary	03/01/2011

CONTRACT WORK CAN BEGIN

Immediately Date: 03/15/2011

CONTRACT WORK MUST BE COMPLETED BY Date 07/15/2011

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Blue	<input type="checkbox"/> Other:
Sale boundary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Red	<input type="checkbox"/> Other:
Sale cutting unit	<input type="checkbox"/>	<input type="checkbox"/>	<input 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

Standards for marking lines against private land

AREA CALCULATION

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

UNIT	METHOD	STANDARD
Sale	<input 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:

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)
		X
		X
		X
		X
TOTAL NUMBER OF CRUISE POINTS		

Cruise Special Instructions:

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): 50 (Minimum 40 to Maximum 60)

TREATMENT		NUMBER	SIZE
Regeneration Gaps Per Acre		NA	
Girdled Trees Per Acre		NA	
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs	Slash on both sides		
Sawbolts	NA		
Pulpwood	Slash on both sides		

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

TALLY INTENSITIES	
SPECIES / PRODUCT	RATIO
NA	1 :
	1 :
	1 :
	1 :

SPECIAL MARKING INSTRUCTIONS

Paint marks must be dark enough to last for a three year contract.

Gallon or quart paint can be provided, but gallons would be preferred.

No timber cruise is required. However, documentation of residual BA check plots must be available at any time of inspection.

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 Jason Hartman at (989) 275 - 4622, to make arrangements for paint.
2. Paint will be supplied from Roscommon 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.