



TIMBER SALE PRESCRIPTION

GENERAL

Date 9/8/2006	Forest, Mineral and Fire Management Unit GRMUN (Indian River)
Timber Sale Number (if applicable)	Sale Name (or prescription name) Gooseneck Red Pine

LOCAL CONTACT

Name Shannon Harig	Telephone (231) 238 - 9313 ext. 4742
Email Address harigs@Michigan.gov	FAX Number (231) 238 - 6757

Map of Project Area Attached

LEGAL DESCRIPTION

T34N R2W Section(s) 34 Description NE1/4, NW1/4, SW1/4, SE1/4

Year of Entry: 2006 Compartment(s):172 Stand Number(s): 48 and 62

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 162 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
48	R6	100	120	Thinning	Red Pine
62	R6	62	120	Thinning	Red Pine

PRESCRIPTION

1. Manage for best tree in place.
2. Mark to release quality stems and reduce BA to 90 sq. ft.
3. Due to variability in stocking, there may be areas of little or no marking.
4. Because of a heavy hardwood understory, marking and cruising should be done during leaf off.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

Access East M-68 to Afton Road, south 5 mi. (Afton Rd. turns to Munger Rd. after 3 mi.) to Little Sturgeon Rd then west 1.5 mi. to stands.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
Red boundary lines on stand 48 only.	09/08/2006

CONTRACT WORK CAN BEGIN

Immediately Date:

CONTRACT WORK MUST BE COMPLETED BY Date 07/31/2007

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

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 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:

Need a shapefile or ssf/cor file on disk or electronically transferred to office.

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)
1, 2, 3, 4	1 pt. per 1.5 ac.	4 X 4
5	1 pt. per acre	3 X 3
		X
		X
TOTAL NUMBER OF CRUISE POINTS		

Cruise Special Instructions:

Payment units must be cruised seperately. Sawlogs and pulp to be cruised after marking.

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): 90 (Minimum 80 to Maximum 100)

TREATMENT	NUMBER	SIZE
Regeneration Gaps Per Acre	0	
Girdled Trees Per Acre	0	

PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs	orange slash	12 inches	8 inches
Sawbolts			
Pulpwood	orange slash	4.6 inches	4 inches

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

SPECIES TO FAVOR

SPECIES TO FAVOR

SPECIAL MARKING 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.
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 Shannon Harig at (231) 238 - 9313 ext. 4742, to make arrangements for paint.
2. Paint will be supplied from (location).
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.