



TIMBER SALE PRESCRIPTION

GENERAL

Date	Forest, Mineral and Fire Management Unit
01/21/09	Traverse City
Timber Sale Number (if applicable)	Sale Name (or prescription name)
	Compartment 49 RPP

LOCAL CONTACT

Name	Telephone
Scott Lint	(231) 922 -5280 ext. 6844
Email Address	FAX
LintS@michigan.gov	(231) 922 - 1853

LEGAL DESCRIPTION

T26N R11W Section(s) 14, 24 & 25 Description W1/2SE- sec 14, E1/2SE, SENE-sec 24, N1/2SE, SWSE-sec 25.

Year of Entry: 2002 Compartment(s):49 Stand Number(s): 37, 54 & 239

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 99 Source: OI GPS Other GIS

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

TREATMENT & OBJECTIVE

STAND #	COVER TYPE	ACRES	BA	TREATMENT	MANAGEMENT OBJECTIVE
37	R6	37	110	Final harvest	Red Pine
54	R6	21	110	Final harvest	Red Pine
239	R6	41	110	Final harvest	Red Pine

PRESCRIPTION

1. Stands 37, 54, & 239 – Final harvest with no retention.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Access From M-37 go east on Blair Town Hall road approximately 2.5 miles, then go north on Hoosier Valley Road 0.5 - 0.75 mile to stand 239. From the intersection of Hoosier Valley Rd. and Blair Town Hall Rd, continue east on Blair Town Hall Road for approximately 1.25 miles then turn south on seasonal county road go 0.5 miles to stand 37. From stand 37 go north back to Blair Town Hall Rd and then go east 0.5 miles to a two-track. Travel north on the two-track approximately 0.1 miles to stand 54.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
N/A	

CONTRACT WORK CAN BEGIN

Immediately Date:

CONTRACT WORK MUST BE COMPLETED BY Date: July 30, 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 and Appendix A for detailed instructions)

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yellow	<input type="checkbox"/> Other:
Retention	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Other:

Exclusions to mark and why: N/A

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 type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	
Retention	<input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	

Special Instructions: GPS data must be provided in the form of an area feature as a shapefile (.shp)

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 37	1	3.1 X 3.1
Stand 54	1	3.1 X 3.1
Stand 293	1	3.1 X 3.1
		X
TOTAL NUMBER OF CRUISE POINTS	99	

Cruise Special Instructions: Cruise all species separately. Separate cruise data by stand.

See APPENDIX 8 (will be provided upon request) and APPENDIX B

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

Appendix A: Boundary Marking

1. The attached type map delineates the contract marking area.
2. Marking must be done in dry weather and when tree surfaces are not wet.
3. Paint the boundary line in such a way that it can be seen from both the inside of the sale area and when walking along the line from either direction (two sides). Each boundary line tree must be stump-marked at the base of the stump (one side) between the roots extending all the way to the ground.
4. Place marks approximately six feet above the base of the tree.
5. The contractor will keep track of total quarts of paint used per sale by color.

Appendix B: Timber Cruising Specifications

1. Cruise designated timber using Appendix 8 Product Standards to determine products and heights of products. Separate cruise data by species/product. Appendix 8 will be provided upon request.
2. Cruise at the sampling intensity specified in the Timber Sale Prescription.
3. Use a 20-factor prism.
4. Mark location of plots on the map, using the plot number.
5. Record residual BA of trees where applicable.
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 plot number. In addition, ribbon at least 12 inches long must be attached to the tree closest to plot center.
7. All cruise sheets must be labeled with the compartment #, stand #, unit #, prism factor, date, individual tree species, and the cruiser's name. If a portable data recorder is used for cruising, submit a summary sheet that details the rest of the required information.
8. The Traverse City Management Unit Office will provide cruise sheets if needed.