



TIMBER SALE PRESCRIPTION

GENERAL

Date 3-7-2008	Forest, Mineral and Fire Management Unit Cadillac/Manton Office
Timber Sale Number (if applicable) 63-018-08-01	Sale Name (or prescription name) East Side Red Pine RPP

LOCAL CONTACT

Name David Fisher	Telephone (231) 824 - 3591
Email Address fisherdj@michigan.gov	FAX (231) 824 - 9340

Map of Project Area Attached

LEGAL DESCRIPTION

T21N R05W Section(s) 26, 35, 36 Description Various

Year of Entry: Compartment(s): 102, 103 Stand Number(s): C-102 21, 26, C-103 86, 84, 100

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 218 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
21	R6	31	90	Seed Tree	Jack Pine
26	R6	16	130	Final Harvest	Red Pine
84	R6	38	80	Final Harvest	Jack Pine
86	R6	78	70	Final Harvest	Jack Pine
100	R6	55	100	Final Harvest	Jack Pine

PRESCRIPTION

1. Stand 21: Seed tree mark groups of red and jack pine. Target 20BA.
2. Stand 26: Final harvest, leave all oak.
3. Stand 84: Final harvest, leave all oak. Delineate 2-3 acre retention area to remain uncut.
4. Stand 86: Final harvest, leave all oak. Delineate 2-4 acre retention area to remain uncut.
5. Stand 100: Final harvest, leave all oak. Delineate 10 .25 acre retention areas to remain uncut.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.

Access

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
Private boundary line in C-103.	04/18/2008

CONTRACT WORK CAN BEGIN

Immediately Date:

CONTRACT WORK MUST BE COMPLETED BY Date 08/31/2008

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

Exclusions to mark and why

Delineate retention areas with red paint.

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

Special Instructions:

Must provide administrator with shapefile and acreage of sale area, and retention areas.

TIMBER CRUISING SPECIFICATIONS This is included in the bid This is not included in the bidRequired Basal Area Factor: 10 20 Other:

Cruise Line Directions TBD at pre-work meeting.

CRUISING UNITS	NUMBER OF PLOTS PER ACRE	SPACING (CHAINS)
21,26	1	3 X 3
84	1	3 X 3
100	.9	3 X 4
86	.7	3 X 4
TOTAL NUMBER OF CRUISE POINTS	191	

Cruise Special Instructions:

Cumulative tally. Cruise all pulp and sawlogs. Do not cruise oak. In addition: Cruise and record residual BA for each plot in stand 21.

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) for stand 21: 20 (Minimum 10 to Maximum 30)

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

Use green paint to mark seed trees in stand 21.

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 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 David Fisher at (231) 824 - 3591, to make arrangements for paint.
2. Paint will be supplied from Manton 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.