



TIMBER SALE PRESCRIPTION

GENERAL

Date 10/7/10	Forest, Mineral and Fire Management Unit Cadillac FMU
Timber Sale Number (if applicable) 63-001-11-01	Sale Name (or prescription name) Porter Ranch Pine

LOCAL CONTACT

Name Jim Malloy	Telephone (231) 824 - 9080
Email Address malloyj@michigan.gov	FAX (231) 824 - 9340

Map of Project Area Attached

LEGAL DESCRIPTION

T22N R05W Section(s) 13, 14 Description Section 14 S1/2 SE, Section 13 Various

Year of Entry: 2011 Compartment(s):095 Stand Number(s): 41, 47, 49, 56

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 129 Source: OI GPS Other IFMAP

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

TREATMENT & OBJECTIVE

STAND #	COVER TYPE	ACRES	BA	TREATMENT	MANAGEMENT OBJECTIVE
41	J6	21	50-80	Clear-Cut	Jack Pine
47	J6	28	50-80	Clear-Cut	Jack Pine
49	J6	47	50-80	Clear-Cut	Jack Pine
56	J6	33	50-80	Clear-Cut	Jack Pine

PRESCRIPTION

1. Create strips running North/South 2 chains wide to clear-cut.
2. Strips will be created starting 2 chains in from the western edge of the stand and running due north/south.
3. A strip will be delineated 2 chains wide separated by an uncut strip 2 chains wide followed by a cut strip 2 chains wide etc. until the eastern edge of the stand is reached.
4. Cruise all species within the clear-cut portion for harvest.
5. Prep Work is best suited for winter (frozen) conditions.
- 6.
- 7.
- 8.

Access See Map

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE

CONTRACT WORK CAN BEGIN

Immediately Date:

CONTRACT WORK MUST BE COMPLETED BY Date 07/30/2011

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 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 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 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:

Total cut acreage for individual stands will be required. Individual strip acreage would also be acceptable. A shapefile compatible with ArcMap will be required to be submitted.

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	1	3 X 3
		X
		X
		X
TOTAL NUMBER OF CRUISE POINTS	129	

Cruise Special Instructions:

Cruise all sawlogs to a 9" top, and all pulpwood to a 4.5" top (DOB). Point sample method cruising for all products and species. Cruise all species in clear cut units.

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):

TREATMENT	NUMBER	SIZE	
Regeneration Gaps Per Acre			
Girdled Trees Per Acre			
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs	Single Slash	9.1 "	8 "
Sawbolts			
Pulpwood	Single Slash	4.6 "	4.0 "

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

SPECIAL MARKING INSTRUCTIONS

Due to the wet conditions this contract would be best suited for set-up during the winter months (frozen ground). Access will be limited due to lack of plowed roads so a snow machine would be preferable for access. There is to be no retention in the clear-cut strips as approved at compartment review.

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 Jim at (231) 824 - 9080, 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.