



TIMBER SALE PRESCRIPTION

GENERAL

Date 4/7/2008	Forest, Mineral and Fire Management Unit Traverse City
Timber Sale Number (if applicable) 61-035-08-01	Sale Name (or prescription name) Elliot Rd Red

LOCAL CONTACT

Name Patrick Ruppen	Telephone (231) 922 - 5280
Email Address ruppenp@michigan.gov	FAX (231) 922 - 1853

Map of Project Area Attached

LEGAL DESCRIPTION

T25N R9W Section(s) 34 Description SWNE, SENW

Year of Entry: 2008 Compartment(s):57 Stand Number(s): 88

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 16.6 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
88	R8	16.6	90	Singletree select	upland deciduous

PRESCRIPTION

1. reduce basal area to 60 ft. sq.
2. target large and poorly formed red pine for removal.
3. manage for best tree and diversity.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.

Access via good via County and Township Roads

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 09/15/2008

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 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 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:

Contractor must supply either shapefiles or Trimble.COR files for sale area and payment units. Preliminary sale boundary shapefiles are available to contractor for running lines upon request. Unit lines are on roads and will not be painted.

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)
61-035-08-01 Elliot Rd Red	1plot/lacre	3 X 3
		X
		X
		X
TOTAL NUMBER OF CRUISE POINTS	17	

Cruise Special Instructions:

Sawlogs will be 100 % tallid when marking and only pulpwood will be cruised. Cruise plot centers must be staked with a plot-numbered ribbon and additional flagging must be hung at least 4'high around plot stake.

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): 60 (Minimum 50 to Maximum 70)

TREATMENT	NUMBER	SIZE
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Regeneration Gaps Per Acre
Girdled Trees Per Acre

PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs	2 slash and dots	10.6	10
Sawbolts			
Pulpwood	single slash	4.6	4

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Orange <input type="checkbox"/> Other

TALLY INTENSITIES

SPECIES / PRODUCT	RATIO
sawlogs	1 : 1
	1 :
	1 :
	1 :

SPECIAL MARKING INSTRUCTIONS

Mark trees with at least one sawlog with two diagonal slashes on two sides and one dot for each 8 ft sawlog on one side. Mark pulpwood trees with one diagonal slash on opposite sides.

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 Patrick Ruppen at (231) 922 - 5280, to make arrangements for paint.
2. Paint will be supplied from Traverse City 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.