



TIMBER SALE PRESCRIPTION

GENERAL

Date 2/16/2012	Forest, Mineral and Fire Management Unit Indian River (Gaylord)
Timber Sale Number (if applicable)	Sale Name (or prescription name) Comp 154 Contract

LOCAL CONTACT

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

Map of Project Area Attached

LEGAL DESCRIPTION

T34N R03W Section(s)26,27 Description 26 - NW1/4, SW1/4; 27 – NW1/4, SW1/4, S1/2NE, NWSE, SESE

Year of Entry: 2012 Compartment(s):154 Stand Number(s): 18, 38, 38 South

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 235 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
18	M6	99	140	Selection	Northern Hardwood
38	M6	83	140	Selection	Northern Hardwood
38 South	M6	53	140	Selection	Northern Hardwood

PRESCRIPTION

1. Reduce stand BA to 80 using single tree selection/crop tree release marking techniques.
2. Retain 2-3 12"+ DBH trees/acre of declining vigor (cull) to serve as den trees.
3. Where applicable, release pockets of advanced hardwood regen.
4. Where oak is present, promote oak regeneration.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

Access

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
Boundary lines (red) on stands 18 and 38.	03/01/2012
Private(blue) line on stand 38 South	5/1/2012

CONTRACT WORK CAN BEGIN

Immediately Date: 04/01/2012

CONTRACT WORK MUST BE COMPLETED BY Date 09/16/2012

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"/>	X	<input type="checkbox"/> Blue	<input type="checkbox"/> Other:
Sale boundary	X	<input type="checkbox"/>	<input checked="" type="checkbox"/> Red	<input type="checkbox"/> Other:
Sale cutting unit		X	Yellow	<input type="checkbox"/> Other:
Stand type line	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/> Other:

The only red sale boundary to be painted is on stand 38 south.

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:

Only stand 38 south needs to be GPS'd, stands 18 and 38 have been done.

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 18, 38 and 38 south	1 per 2.5 ac.	5 X 5
		X
		X
		X
TOTAL NUMBER OF CRUISE POINTS		

Cruise Special Instructions:

Only pulpwood will be cruised, sawlogs are 100% tallied. White Ash, Basswood, Beech and Aspen must be cruised seperately; all other species can be combined as mixed hardwood. Residual BA must be tallied at each cruise point.

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): 80 (Minimum 70 to Maximum 90)

TREATMENT	NUMBER	SIZE	
Regeneration Gaps Per Acre	1	100' canopy gap	
Girdled Trees Per Acre	1-2	12"+	
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs	2 slashes w/ dots	10" class	8 inches
Sawbolts	NA	NA	NA
Pulpwood	slash	4.6 inches	4.0 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
All sawlogs	100%
	1 :
	1 :
	1 :

SPECIAL MARKING INSTRUCTIONS

Individual stems within multiple stemmed clumps must either all be marked for removal or must all be left unmarked. Do not mark elm, juneberry, ironwood or oak. Mark girdle trees with an orange "X" on both sides of the tree. Avoid marking under-represented species, they will be retained to maintain diversity.

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 Indian River.
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.