



TIMBER SALE PRESCRIPTION

GENERAL	
Date 03/29/2011	Forest Management Unit Gladwin Management Unit
Timber Sale Number (if applicable) 73-005-11-01	Sale Name (or prescription name) Locke Road Harvest

LOCAL CONTACT	
Name Richard Myrick, Forester	Telephone (989) 426 - 9205, Ext. 7641
Email Address myrickr@michigan.gov	FAX (989) 426 - 1454

Map of Project Area Attached

LEGAL DESCRIPTION
T21N R06E Section(s) 26 Description SE1/4 of the SW1/4

Year of Entry: 2011 Compartment(s):146 Stand Number(s): 14 and 16

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE	
Estimated Acres: 41	Source: <input type="checkbox"/> OI <input type="checkbox"/> GPS <input checked="" type="checkbox"/> IFMAP
Payment will be made on the basis of these estimated acres.	

TREATMENT & OBJECTIVE					
STAND #	COVER TYPE	ACRES	BA	TREATMENT	MANAGEMENT OBJECTIVE
14	A	3	N/A	Clearcut	Aspen
16	E	38	140	Group Selection	Mxd.LwInd.Deciduous

PRESCRIPTION
<ul style="list-style-type: none"> Stand 14: Final harvest stand to 2" DBH. No retention due to low stand acres. Stand 16: Harvest the stand by selection, retaining 80 BA. Favor the removal of aspen and ash species. Mark trees to cut with orange paint. The residual BA will serve as retention. Access: Via Turtle Road to Locke Road.

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 **08/30/2011**

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

Special instructions for paint line work: Yellow paint marks for cutting units shall be visible from all sides of the trees. See attached map for locations of lines to be marked.

Standards for marking lines against private land:

The blue private boundary line is to be accurately located leaving no buffers along private boundaries. The sale area has survey corners. Copies of survey information can be obtained at the Gladwin Field Office to facilitate the location of private lines.

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	PDOP \leq 3
Payment Unit	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	PDOP \leq 3
Stand	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	PDOP \leq 3

Special Instructions:

Contractor must GPS all stands and payment units separately. Contractor must also provide a GPS file and hard copy of each stand printed at a scale of 1:15840. See map for location and lines to be GPS'd.

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 North-South or East-West.

CRUISING UNITS	NUMBER OF PLOTS PER ACRE	SPACING (CHAINS)
Stands 14 and 16.	1	Evenly Spaced
TOTAL NUMBER OF CRUISE POINTS		

Cruise Special Instructions:

- Total number of cruise points is estimate, based on estimated acres. Actual number should be based on 1 plot per acre, for acreage determined by GPS.
- **ALL CRUISE POINTS MUST SHOW RESIDUAL BA.**
- Contractor **MUST** show plot locations for each stand on their GPS stand boundary map.
- Plot locations do **NOT** need to be GPS'd.
- Plot center locations must be marked on the ground and at eye level with brightly colored ribbon.

Imagery and information for Solo as well as TCruise cruising template will be made available upon request.

Unless otherwise specified, the tally sheets used must be those supplied by the Forest 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) Stand 16: 80 (Minimum 70 to Maximum 90)

TREATMENT	NUMBER	SIZE
Regeneration Gaps Per Acre	N/A	N/A
Girdled Trees Per Acre	N/A	N/A

PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DOB
Sawlogs	Slash visible from all sides	9.1"	9"
Sawbolts			
Pulpwood	Slash visible from all sides	4.6"	4.5"

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
N/A	1 :
	1 :
	1 :
	1 :

SPECIAL MARKING INSTRUCTIONS

See individual stand prescriptions for retention details.

Unless otherwise specified, the tally sheets used must be those provided by the Forest Management Unit.

RESTRICTIONS

1. Forest 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 Richard Myrick at (989) 426-9205, Ext 7641, to make arrangements for paint.
2. Paint will be supplied from the Gladwin 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. If using TCruise provide tce and tcd files.**
4. **GPS files for any GPS work.**