

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yellow	<input type="checkbox"/> Other:
Retention	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Green	<input checked="" type="checkbox"/> Other: Red

Exclusions to mark and why

In Stand 22 leave a total of 2.5 acres for retention in scattered islands ranging in size of 0.25 - 0.5 acre on the extreme south end. Include one of the retention areas as a 0.5 chain buffer around the bog at the southern tip of the stand.

Standards for marking lines against private land

None

AREA CALCULATION

This is included in the bid This is not included in the bid

UNIT	METHOD	STANDARD
Sale	<input 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 checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	

Special Instructions

Must provide the contract administrator with a GPS file (traverse) and acreage for Stand 22 and all retention areas. Also, provide a GPS file with payment unit lines (yellow) splitting Stand 22 into approximately 4 equal size units running east – west.

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 E/W

CRUISING UNITS	NUMBER OF PLOTS	SPACING (CHAINS)
Stand 22	65	3.0 X 4.0
TOTAL NUMBER OF CRUISE POINTS	65	

Cruise Special Instructions

All designated timber must be cruised in accordance with the FMFM Product Standards Manual. Cruise all species separately. Cruise data is to be separated by Payment Unit. Note that the total number of plots will depend on the actual GPS stand acreage.

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): _____ (Minimum _____ to Maximum _____)

TREATMENT	NUMBER	SIZE
Regeneration Gaps Per Acre		
Girdled Trees Per Acre		
PRODUCT	MARKING SYMBOL	MINIMUM DBH
Sawlogs		
Sawbolts		
Pulpwood		

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

TALLY INTENSITIES	
SPECIES / PRODUCT	RATIO
	1 :
	1 :
	1 :
	1 :

SPECIAL MARKING INSTRUCTIONS

N/A

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 Tim Greco at (989) 732-3541 ex. 5443, to make arrangements for paint.
2. Paint will be supplied from Gaylord 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.