



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6272

SCHEDULED SALE DATE AND TIME: 8:30 a.m. (local time) on October 31, 2018.

LOCATION: CRYSTAL FALLS MGT UNIT, 1420 US-2 WEST, CRYSTAL FALLS, MI 49920.

CONTACT NAME: Dan McNamee

PHONE NUMBER: (906) 875-6622

PROSPECTUS NOTE: The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, CRYSTAL FALLS MANAGEMENT UNIT, for certain timber on the following described lands:

Net River Mix (12-065-18) / T46N, R33W, SEC. 30, N1/2NW,SWNW,NWNE,N1/2SW,SWSW.

T46N, R34W, SEC. 13, SENW.

Iron County, Advertised Price \$35,292.45, 83.3 Acres, Aspen, Spruce/Fir/Tamarack.

SALE NOTE: Access may be through private or other public land.

TIMBER SALE INFORMATION

Net River Mix (12-065-18)

T46N, R33W, SEC. 30; T46N, R34W, SEC. 13.

Iron County (Advertised Price \$35,292.45)

SALE NOTE: Access may be through private or other public land.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. Bids must be at or above the following advertised price for each species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Maple	3.00 MBF	\$ 102.00 / MBF
Pulpwood		
Balsam Fir	180.00 Cords	\$ 11.30 / Cord
Mixed Spruce	376.00 Cords	\$ 16.80 / Cord
Quaking Aspen	663.00 Cords	\$ 26.60 / Cord
Red Maple	541.00 Cords	\$ 15.35 / Cord
Tamarack	65.00 Cords	\$ 10.70 / Cord

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$1,850.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2021.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	0.8	MBF	36.9	\$15,540.05
	Balsam Fir	Pulpwood	86.0	Cords		
	Mixed Spruce		267.0	Cords		
	Black Spruce		109.0	Cords		
	White Spruce		158.0	Cords		
	Quaking Aspen		250.0	Cords		
	Red Maple		173.0	Cords		
	Tamarack		65.0	Cords		
2	Red Maple	Sawtimber	0.9	MBF	18.5	\$7,079.35
	Balsam Fir	Pulpwood	47.0	Cords		
	Mixed Spruce		60.0	Cords		
	White Spruce		60.0	Cords		
	Quaking Aspen		120.0	Cords		
	Red Maple		147.0	Cords		
3	Red Maple	Sawtimber	1.3	MBF	27.9	\$12,673.05
	Balsam Fir	Pulpwood	47.0	Cords		
	Mixed Spruce		49.0	Cords		
	White Spruce		49.0	Cords		
	Quaking Aspen		293.0	Cords		
	Red Maple		221.0	Cords		
TOTAL:			3.0	MBF		
TOTAL:			1,825.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Net River Mix

Sale Number: 12-065-18 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

Timber sale boundary lines against private property are marked with blue paint. Sale boundary lines against state land are marked with double red paint dots.

2 - Timber Specifications

2.1 - Included Timber

2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 1 - 3, cut all aspen, mixed hardwood, white birch, spruce, balsam fir, and tamarack trees which meet minimum piece specifications in 2.2 Utilization (one 100" piece to a 4 inch top diameter inside the bark). Do not cut yellow birch, elm, oak, or trees marked with green paint.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH.

2.2.11 - Chipping restriction (9/14)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped. Chip piles must be removed within 60 days of the sale expiration. In addition, after chip pile removal, residual chip depth at the landing may not exceed 4 inches.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (6/14)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. Extreme care should be taken to avoid damage to tree seedlings and saplings.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

Improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts.

Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows. Stumps shall be set upright, not left on edge, and be moved at least 5 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic within 60 days of the sale expiration. Overgrown roads that are reopened shall be considered new roads. In general, this will require restoring berms at designated locations. The opened roads must be made impassable to ORVs. Contact the sale administrator for specific design and placement.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Road access may be through Molpus lands.

It is also the responsibility of the Purchaser to obtain any road use agreement that may be required from Molpus. A copy of a road use permit must be provided to the sale administrator prior to the beginning of operations. At a minimum, the Purchaser must contact Molpus prior to the beginning of operations notifying them of road use.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height.

5.2.1.11 - Slash for reforestation (5/07)

To facilitate reforestation, the sale area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1 - 3, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of December 15 to March 1, under snow covered and frozen conditions. This restriction is to avoid resource damage due to wet roads and soils. If prolonged warm weather conditions occur throughout the operating season, the sale administrator may suspend operations until favorable weather and ground conditions are present.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within any vernal pond areas. During harvesting, there should be no disturbance to the vernal area depression. Known vernal areas are shown on the Timber Sale Map. All equipment, trees and tops should be kept out of this area. Within 100 feet of vernal areas, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

**TIMBER SALE MAP***This information provided by authority of Part 525, 1994 PA 451, as amended.*

Sale Number

12 - 065

Year

2018

Forest Management Unit
Crystal FallsCounty
Iron

Mapped By Rice

Cruised By Rice

Date

07/12/18

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of

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Township
46NRange
33/34WSection(s) and Subdivision(s) T46N R34W sec 13 SENW
T46N R33W sec 30 N1/2NW, SWNW, NWNE, N1/2SW, SWSW

Scale

4 inches = 1 mile

Cover TypeA = Aspen
B = Paper Birch
C = Cedar
D = Treed Bog
E = Swamp Hdwoods
F = Spruce Fir
G = GrassH = Hemlock
J = Jack Pine
L = Lowland Brush
LM = Lowland Mixed
M = Mpl, Bch, Brch
MC = Mixed Conifer
MD = Mixed DeciduousN = Marsh
O = Oak
P = Lowland Poplar
Q = Mixed Swamp Conifer
R = Red Pine
S = Black Spruce
T = TamarackU = Upland Brush
UM = Upland Mixed
V = Bog or Marsh
W = White Pine
X = Non Stocked
Z = Water**Density**0 = Non Stocked
1 = Seedling Sapling Poor
2 = Seedling Sapling Medium
3 = Seedling Sapling Well
4 = Pole Timber Poor5 = Pole Timber Medium
6 = Pole Timber Well
7 = Saw Timber Poor
8 = Saw Timber Medium
9 = Saw Timber Well**Net River Mix**Unit 1 36.9 acres Unit 3 27.9 acres
Unit 2 18.5 acres
Total 83.3 acresGPS
46° 23' 12.14"N
88° 30' 24.75"W

PVT

PVT

PVT

Q6

L0

L0

13

18

Cable Lake Rd

Eng Rd

Legend

- Sale Boundary (blue point)
- ~ Sale Boundary (red paint dots)
- ① Payment Unit Number
- = Woods Road
- - - Closed Road
- - - Improved Gravel Road
- Highway
- Survey Corner
- Stream
- Intermittent Stream
- Berm
- Adjacent Timber Sale



TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number	Year
12 - 065	2018

Forest Management Unit Crystal Falls	County Iron	Mapped By Rice	Date 07/12/18	Page 2	of 2
		Cruised By Rice			

Township 46N	Range 33/34W	Section(s) and Subdivision(s) T46N R34W sec 13 SENW T46N R33W sec 30 N1/2NW, SWNW, NWNE, N1/2SW, SWSW	Scale 4 inches = 1 mile
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Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Tread Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

