



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7473**

SCHEDULED SALE DATE AND TIME: 12:00 p.m. (local time) on September 24, 2024.

LOCATION: ESCANABA MGMT UNIT, 6833 HWY'S 2, 41 & M-35, GLADSTONE, MI 49837.

CONTACT NAME: Daniel Racine

PHONE NUMBER: (906) 789-8231

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, ESCANABA MANAGEMENT UNIT, for certain timber on the following described lands:

Rocky Road Upland (33-023-24) / T36N, R28W, SEC. 10, NWSW.

T36N, R28W, SEC. 16, N1/2NE, SENE.

T36N, R28W, SEC. 9, N1/2SE, SESE.

Menominee County, Advertised Price \$23,204.20, 72.1 Acres, Aspen, Red Oak.

TIMBER SALE INFORMATION

Rocky Road Upland (33-023-24)

T36N, R28W, SEC. 10; T36N, R28W, SEC. 16; T36N, R28W, SEC. 9.
Menominee County (Advertised Price \$23,204.20)

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. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	0.8 MBF	\$ 94.00 / MBF
Red Maple	6.0 MBF	\$ 112.00 / MBF
Red Oak	81.0 MBF	\$ 97.00 / MBF
Pulpwood		
Balsam Fir	51 Cords	\$ 9.80 / Cord
Mixed Aspen	290 Cords	\$ 30.20 / Cord
Mixed Hardwood	141 Cords	\$ 14.85 / Cord
Mixed Spruce	66 Cords	\$ 15.60 / Cord
N. White Cedar	32 Cords	\$ 5.70 / Cord
Red Oak	92 Cords	\$ 15.80 / Cord
Red Pine	3 Cords	\$ 36.75 / Cord
Tamarack	9 Cords	\$ 10.70 / Cord
White Pine	19 Cords	\$ 19.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 16.81 percent. There are an estimated 909 cords on this timber sale, plus or minus 153 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- A bond in the amount of \$1,160.21 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- Cutting in any sale or unit without the required advance payment would be considered a trespass.
- Total payment must be paid in advance or according to the following schedule :
 - Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - The 10% down payment will be credited towards the first unit cut.
 - Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	13.2%
02	24.1%
03	49.3%
04	13.4%
- If no cutting takes place, the 10% down payment will not be refunded.
- Operations on the contract issued will terminate on 09/30/2027.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
71,837	909	16.81%	756	1,062

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	15,828	200	36.52%	127	274
6	13,898	176	26.97%	128	223
10	7,893	100	43.11%	57	143
13	34,218	433	28.02%	312	555
TOTAL:	71,837	909		624	1,194

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
1	15.6	1	15.6
6	23.1	2	23.1
10	11.2	4	11.2
13	22.2	3	22.2
TOTAL:	72.1		72.1

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Oak	Sawtimber	0.4	MBF	15.6	\$3,064.10
	Balsam Fir	Pulpwood	35	Cords		
	Mixed Aspen		10	Cords		
	<i>Quaking Aspen</i>		10	Cords		
	Mixed Hardwood		51	Cords		
	<i>Balsam Poplar</i>		46	Cords		
	<i>Black Cherry</i>		2	Cords		
	<i>Red Maple</i>		3	Cords		
	Mixed Spruce		61	Cords		
	<i>Black Spruce</i>		2	Cords		
	<i>White Spruce</i>		59	Cords		
	N. White Cedar		10	Cords		
	Red Oak		2	Cords		
	Red Pine		3	Cords		
	Tamarack		9	Cords		
	White Pine		19	Cords		
2	Red Oak	Sawtimber	47.2	MBF	23.1	\$5,602.70
	Mixed Hardwood	Pulpwood	2	Cords		
	<i>Red Maple</i>		2	Cords		
	Mixed Spruce		4	Cords		
	<i>White Spruce</i>		4	Cords		
	Red Oak		59	Cords		
3	Basswood	Sawtimber	0.8	MBF	22.2	\$11,424.10
	Red Maple		6.0	MBF		
	Red Oak		7.5	MBF		
	Balsam Fir	Pulpwood	16	Cords		
	Mixed Aspen		280	Cords		
	<i>B. T. Aspen</i>		20	Cords		
	<i>Quaking Aspen</i>		260	Cords		
	Mixed Hardwood		72	Cords		
	<i>Basswood</i>		1	Cords		
	<i>Paper Birch</i>		5	Cords		
	<i>Red Maple</i>		66	Cords		
	Mixed Spruce		1	Cords		
	<i>White Spruce</i>		1	Cords		
	N. White Cedar		22	Cords		
	Red Oak		8	Cords		
4	Red Oak	Sawtimber	25.9	MBF	11.2	\$3,113.30
	Mixed Hardwood	Pulpwood	16	Cords		
	<i>Red Maple</i>		13	Cords		
	<i>White Ash</i>		3	Cords		
	Red Oak		23	Cords		
TOTAL:			87.8	MBF		
TOTAL:			703	Cords		

Sale Specific Conditions & Requirements

Sale Name: Rocky Road Upland

Sale Number: 33-023-24 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid for.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1 and 3, cut all trees that are three (3) inches or more at DBH, except do not cut trees marked with green paint.

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 2 and 4, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible within Payment Units 2 and 4.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) \$18,000 in value or greater, may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

4 - Transportation

4.1 - Construction

4.1.1 - Stream crossings, general (3/11)

All stream crossing structures will be temporary and therefore, shall be provided by the Purchaser, and must be removed upon completion of the sale. All permits for stream crossings will be provided by the Purchaser.

4.1.8 - Road work (1) (8/07)

The following road work is required: the Purchaser must purchase and install a new corrugated steel culvert, 15 inches in diameter and 24 feet in length, on the access road within Payment Unit 3. A minimum of twelve inches of gravel must be placed over it. In addition, a minimum of 140 cubic yards of gravel must be hauled and spread over the culvert and in a number of low areas on the access roads. All road work must be accomplished prior to any hauling taking place. Gravel is available from a state pit on the Swanson Road, which is about 7 miles away.

4.2 - Maintenance

4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during spring breakup or during other wet weather conditions.

5 - Operations

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2 and 4, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage and oak wilt.

5.3 - Stream Protection

5.3.1 - Operating near stream (7/04)

No tracked or wheeled vehicles shall be operated within 30 feet of the small intermittent creek within Payment Unit 1, except at an approved crossing. This creek may be crossed in one location, using timber mats or a bridge to temporarily cross the creek. All crossing materials must be removed after the Payment Unit is completed. The crossing must be approved by the Sale Administrator.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Rocky Road prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

7 - Other Conditions

7.3 - Contract Modifications

7.3.2 - Modification for oak wilt (2/05)

Within the sale area, there may be patches of oak wilt. If oak wilt is identified within the sale area, this contract may be modified. The following modifications could occur: time of cutting, species to cut, volume to harvest, or various others dealing with the treatment of oak wilt. If a species is not specified in this contract, it shall be paid for at the average price received for that species and product.

**TIMBER SALE MAP**

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

Sale Number
33-023-24Date
06/05/2024

Forest Management Unit

County

Mapped By: Beaudou

Scale

Page

Of

Escanaba Mgt Unit

Menominee

Cruised By: Salter, Beaudou

1:15,840

1

1

Township

Range

Section(s) and

36N

28W

Subdivision(s) Sec. 10 NWSW; Sec. 16 N1/2NE,SENE; Sec. 9 N1/2SE,SESE;

Cover Type

A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous		Z = Water
H = Hemlock	N = Marsh		

Density

0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU # Acres

1	15.6
2	23.1
3	22.2
4	11.2

**Rocky Road Upland**72.1 Acres
Compartment 19

Use QR Code to open Map in App

