



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7541**

SCHEDULED SALE DATE AND TIME: **12:00 p.m. (local time) on February 12, 2025.**

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:

Big Cedar Hardwood (33-030-24) / T36N, R25W, SEC. 21, NW,W1/2NE,N1/2SW,SESW,NWSE.

T36N, R25W, SEC. 21, S1/2SE.

T36N, R25W, SEC. 28, NWNE.

Menominee County, Advertised Price \$18,116.15, 89.6 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: The Forest Island ORV Trail runs along the western edge of Payment Unit 2, the trail must be protected, per Sale Condition 5.2.39 ORV trail protection.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity.
Certain restrictions/specifications may be applicable including time restrictions.

TIMBER SALE INFORMATION

Big Cedar Hardwood (33-030-24)
T36N, R25W, SEC. 21; T36N, R25W, SEC. 28.
Menominee County (Advertised Price \$18,116.15)

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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	0.7 MBF	\$ 69.00 / MBF
Black Cherry	0.9 MBF	\$ 72.00 / MBF
Paper Birch	1.6 MBF	\$ 99.00 / MBF
Red Maple	17.2 MBF	\$ 114.00 / MBF
Sugar Maple	10.9 MBF	\$ 200.00 / MBF
Pulpwood		
Balsam Fir	148 Cords	\$ 7.65 / Cord
Mixed Aspen	153 Cords	\$ 26.05 / Cord
Mixed Hardwood	460 Cords	\$ 16.20 / Cord
Mixed Spruce	90 Cords	\$ 12.60 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 16.29 percent. There are an estimated 925 cords on this timber sale, plus or minus 151 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:

1. A bond in the amount of \$905.81 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.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	16.9%
02	18.0%
03	17.1%
04	26.2%
05	21.8%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. 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
73,074	925	16.29%	774	1,076

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
42	11,226	142	32.17%	96	188
43	10,438	132	42.92%	75	189
46	11,073	140	36.74%	89	192
51	40,336	511	24.38%	386	635
TOTAL:	73,074	925		647	1,203

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
42	14.7	3	14.7
43	9.1	1	9.1
46	14.8	2	14.8
51	51.0	4	27.8
51	51.0	5	23.2
TOTAL:	140.6		89.6

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Paper Birch	Sawtimber	1.0	MBF	9.1	\$3,060.00
	Red Maple		1.7	MBF		
	Sugar Maple		3.9	MBF		
	Balsam Fir	Pulpwood	10	Cords		
	Mixed Aspen		18	Cords		
	<i>Quaking Aspen</i>		18	<i>Cords</i>		
	Mixed Hardwood		89	Cords		
	<i>Beech</i>		3	<i>Cords</i>		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Paper Birch</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		57	<i>Cords</i>		
	<i>Sugar Maple</i>		26	<i>Cords</i>		
	2	Basswood	Sawtimber	0.7		
Paper Birch			0.6	MBF		
Sugar Maple			3.7	MBF		
Balsam Fir		Pulpwood	4	Cords		
Mixed Aspen			40	Cords		
<i>B. T. Aspen</i>			28	<i>Cords</i>		
<i>Quaking Aspen</i>			12	<i>Cords</i>		
Mixed Hardwood			83	Cords		
<i>Basswood</i>			1	<i>Cords</i>		
<i>Beech</i>			13	<i>Cords</i>		
<i>Ironwood</i>			6	<i>Cords</i>		
<i>Paper Birch</i>			3	<i>Cords</i>		
<i>Red Maple</i>			12	<i>Cords</i>		
<i>Sugar Maple</i>			41	<i>Cords</i>		
<i>White Ash</i>			7	<i>Cords</i>		
3	Red Maple	Sawtimber	11.3	MBF	14.7	\$3,101.65
	Balsam Fir	Pulpwood	8	Cords		
	Mixed Aspen		1	Cords		
	<i>B. T. Aspen</i>		1	<i>Cords</i>		
	Mixed Hardwood		105	Cords		
	<i>Red Maple</i>		82	<i>Cords</i>		
	<i>Sugar Maple</i>		17	<i>Cords</i>		
	<i>White Ash</i>		6	<i>Cords</i>		
	Mixed Spruce		2	Cords		
	<i>White Spruce</i>		2	<i>Cords</i>		
	4	Black Cherry	Sawtimber	0.5		
Red Maple			2.3	MBF		
Sugar Maple			1.8	MBF		
Balsam Fir		Pulpwood	69	Cords		
Mixed Aspen			51	Cords		
<i>B. T. Aspen</i>			14	<i>Cords</i>		
<i>Quaking Aspen</i>			37	<i>Cords</i>		
Mixed Hardwood			100	Cords		
<i>Balsam Poplar</i>			1	<i>Cords</i>		
<i>Basswood</i>			4	<i>Cords</i>		
<i>Black Ash</i>			2	<i>Cords</i>		
<i>Black Cherry</i>			1	<i>Cords</i>		
<i>Green Ash</i>			11	<i>Cords</i>		
<i>Ironwood</i>			2	<i>Cords</i>		
<i>Red Maple</i>			59	<i>Cords</i>		
<i>Sugar Maple</i>			13	<i>Cords</i>		
<i>Yellow Birch</i>			7	<i>Cords</i>		
Mixed Spruce			48	Cords		

DESCRIPTION OF TIMBER BY PU (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
4 con't	<i>Black Spruce</i>	<i>Pulpwood</i>	3	<i>Cords</i>			
	<i>White Spruce</i>		45	<i>Cords</i>			
5	Black Cherry	Sawtimber	0.4	MBF	23.2	\$3,950.20	
	Red Maple		1.9	MBF			
	Sugar Maple		1.5	MBF			
	Balsam Fir	Pulpwood	57	Cords			
	Mixed Aspen		43	Cords			
	<i>B. T. Aspen</i>		12	<i>Cords</i>			
	<i>Quaking Aspen</i>		31	<i>Cords</i>			
	Mixed Hardwood		83	Cords			
	<i>Balsam Poplar</i>		1	<i>Cords</i>			
	<i>Basswood</i>		3	<i>Cords</i>			
	<i>Black Ash</i>		2	<i>Cords</i>			
	<i>Green Ash</i>		10	<i>Cords</i>			
	<i>Ironwood</i>		2	<i>Cords</i>			
	<i>Red Maple</i>		49	<i>Cords</i>			
	<i>Sugar Maple</i>		10	<i>Cords</i>			
	<i>Yellow Birch</i>		6	<i>Cords</i>			
	Mixed Spruce		40	Cords			
	<i>Black Spruce</i>		3	<i>Cords</i>			
	<i>White Spruce</i>		37	<i>Cords</i>			
	TOTAL:			31.3			MBF
TOTAL:			851	Cords			

Sale Specific Conditions & Requirements

Sale Name: Big Cedar Hardwood

Sale Number: 33-030-24 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. 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) 4 and 5, cut all trees that are four (4) inches or more at DBH, , except do not cut cedar, hemlock, or white pine.

2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 1-3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

In addition, within Payment Units 1 and 3, cut all aspen, balm, spruce, fir, and ironwood that are three (3) inches or more at DBH.

Furthermore, within Payment Unit 2, cut all balm, spruce, fir, and ironwood that are three (3) inches or more at DBH.

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 1, 2, and 3.

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

4.2 - 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.

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

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) 1, 2, and 3, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.22 - Operating Caution

5.2.22.1 - Operating Caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 4 and 5, cutting and skidding occur during dry summer or frozen winter conditions. The reason for the recommendation is because of some lower wetter ground within areas of the Payment Units.

5.2.39 - ORV Trail/Route Protection (4/18)

The Forest Island is an ORV trail or route and is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Skidding across the trail or route may only occur in locations 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 Schuster 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.

6.2.3 - Recreational Trail Posting (10/20)

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

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating Timber (7/09)

The Sale Area has received damage from the spruce budworm and the emerald ash borer. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.



TIMBER SALE MAP

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

Sale Number
33-030-24

Date
09/30/2024

Forest Management Unit	County	Mapped By: Beaudou
Escanaba Mgt Unit	Menominee	Cruised By: Salter, Beaudou

Scale	Page	Of
1:15,840	1	1

Township	Range	Section(s) and Subdivision(s)
36N	25W	Sec. 21 NW,W1/2NE,N1/2SW,SESW,NWSE; Sec. 21 S1/2SE; Sec. 28 NWNE;

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

Use QR Code to open Map in App



PU # Acres

1	9.1
2	14.8
3	14.7
4	27.8
5	23.2



**Big Cedar
Hardwood**
Compartiment 46
89.6 Acres

