



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7519**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on November 12, 2024.**

LOCATION: **ROSCOMMON MGMT UNIT, PO BOX 218, ROSCOMMON, MI 48653.**

CONTACT NAME: Jason Lewicki

PHONE NUMBER: (989) 745-5870

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

C83 mix (71-008-24) / T23N, R02E, SEC. 19, SE.

T23N, R02E, SEC. 30, NENW, SWNW, NE, W1/2SW.

Ogemaw County, Advertised Price \$123,469.10, 96.2 Acres, Aspen, Hardwood.

SALE NOTE: 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

C83 mix (71-008-24)

T23N, R02E, SEC. 19; T23N, R02E, SEC. 30.
Ogemaw County (Advertised Price \$123,469.10)

SALE NOTE: 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.

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		
Black Cherry	17.5 MBF	\$ 167.00 / MBF
Black/Red (Hybrid) Oak	97.3 MBF	\$ 132.00 / MBF
Jack Pine	20.3 MBF	\$ 50.00 / MBF
Mixed Aspen	157.9 MBF	\$ 92.00 / MBF
Red Maple	15.4 MBF	\$ 83.00 / MBF
White Oak	8.4 MBF	\$ 74.00 / MBF
White Pine	40.0 MBF	\$ 82.00 / MBF
Pulpwood		
Balsam Fir	5 Cords	\$ 23.55 / Cord
Jack Pine	72 Cords	\$ 11.95 / Cord
Mixed Aspen	1,415 Cords	\$ 38.30 / Cord
Mixed Hardwood	599 Cords	\$ 24.80 / Cord
Mixed Oak	452 Cords	\$ 23.70 / Cord
Red Pine	27 Cords	\$ 50.45 / Cord
White Pine	119 Cords	\$ 41.00 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 40.18 percent. There are an estimated 3,523 cords on this timber sale, plus or minus 1,416 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 \$6,173.46 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	5.1%
02	24.2%
03	36.9%
04	33.8%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2026.

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
278,349	3,523	40.18%	2,107	4,939

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
97	13,033	165	91.91%	13	317
99	68,753	870	37.83%	541	1,200
106	102,868	1,302	33.71%	863	1,741
119	69,990	886	31.16%	610	1,162
121	23,705	300	44.79%	166	434
TOTAL:	278,349	3,523		2,193	4,854

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
97	7.8	1	7.8
99	20.9	2	20.9
106	31.0	3	31.0
119	23.4	4	23.4
121	13.1	4	13.1
TOTAL:	96.2		96.2

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Sawtimber	3.7	MBF	7.8	\$6,299.50
	<i>B. T. Aspen</i>		2.1	<i>MBF</i>		
	<i>Quaking Aspen</i>		1.6	<i>MBF</i>		
	Mixed Aspen	Pulpwood	153	Cords		
	<i>B. T. Aspen</i>		53	<i>Cords</i>		
	<i>Quaking Aspen</i>		100	<i>Cords</i>		
	Mixed Hardwood		4	Cords		
	<i>Red Maple</i>		4	<i>Cords</i>		
2	Black Cherry	Sawtimber	4.6	MBF	20.9	\$29,901.80
	Black/Red (Hybrid		12.6	MBF		
	<i>/Red (Hybrid) Oak</i>		12.6	<i>MBF</i>		
	Mixed Aspen		57.6	MBF		
	<i>B. T. Aspen</i>		12.3	<i>MBF</i>		
	<i>Quaking Aspen</i>		45.3	<i>MBF</i>		
	Red Maple		7.9	MBF		
	White Oak		1.3	MBF		
	Mixed Aspen	Pulpwood	345	Cords		
	<i>B. T. Aspen</i>		136	<i>Cords</i>		
	<i>Quaking Aspen</i>		209	<i>Cords</i>		
	Mixed Hardwood		224	Cords		
	<i>Black Cherry</i>		84	<i>Cords</i>		
	<i>Red Maple</i>		140	<i>Cords</i>		
	Mixed Oak		98	Cords		
	<i>/Red (Hybrid) Oak</i>		94	<i>Cords</i>		
	<i>White Oak</i>		4	<i>Cords</i>		
White Pine		8	Cords			
3	Black Cherry	Sawtimber	7.1	MBF	31.0	\$45,484.60
	Black/Red (Hybrid		20.8	MBF		
	<i>/Red (Hybrid) Oak</i>		20.8	<i>MBF</i>		
	Mixed Aspen		46.5	MBF		
	<i>B. T. Aspen</i>		46.5	<i>MBF</i>		
	Red Maple		4.3	MBF		
	White Pine		1.0	MBF		
	Mixed Aspen	Pulpwood	694	Cords		
	<i>B. T. Aspen</i>		357	<i>Cords</i>		
	<i>Quaking Aspen</i>		337	<i>Cords</i>		
	Mixed Hardwood		206	Cords		
	<i>Black Cherry</i>		57	<i>Cords</i>		
	<i>Red Maple</i>		149	<i>Cords</i>		
	Mixed Oak		212	Cords		
<i>/Red (Hybrid) Oak</i>		212	<i>Cords</i>			
White Pine		3	Cords			
4	Jack Pine	Pulpwood	72	Cords		
	Black Cherry	Sawtimber	5.8	MBF		
	Mixed Aspen	Pulpwood	223	Cords		
	Black/Red (Hybrid	Sawtimber	63.9	MBF		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	51	<i>Cords</i>		
	<i>/Red (Hybrid) Oak</i>	<i>Sawtimber</i>	62.8	<i>MBF</i>		
	<i>Quaking Aspen</i>	<i>Pulpwood</i>	172	<i>Cords</i>		
	<i>Red Oak</i>	<i>Sawtimber</i>	1.1	<i>MBF</i>		
	Mixed Hardwood	Pulpwood	165	Cords		
	Jack Pine	Sawtimber	20.3	MBF		
	<i>Black Cherry</i>	<i>Pulpwood</i>	44	<i>Cords</i>		
	Mixed Aspen	Sawtimber	50.1	MBF		
	<i>Red Maple</i>	<i>Pulpwood</i>	121	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	<i>B. T. Aspen</i>	<i>Sawtimber</i>	16.5	<i>MBF</i>		
	Mixed Oak	Pulpwood	142	Cords		
	<i>Quaking Aspen</i>	<i>Sawtimber</i>	33.6	<i>MBF</i>		
	<i>/Red (Hybrid) Oak</i>	<i>Pulpwood</i>	125	<i>Cords</i>		
	Red Maple	Sawtimber	3.2	MBF		
	<i>Red Oak</i>	<i>Pulpwood</i>	9	<i>Cords</i>		
	White Oak	Sawtimber	7.1	MBF		
	<i>White Oak</i>	<i>Pulpwood</i>	8	<i>Cords</i>		
	White Pine	Sawtimber	39.0	MBF		
	Red Pine	Pulpwood	27	Cords		
	Balsam Fir		5	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	9.3	<i>MBF</i>		
	<i>Red Pine</i>	<i>Pulpwood</i>	8	<i>Cords</i>		
	White Pine		108	Cords		
TOTAL:			356.8	MBF		
TOTAL:			2,689	Cords		

Sale Specific Conditions & Requirements

Sale Name: C83 mix

Sale Number: 71-008-24 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. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-3, cut all trees that are two (2) inches or more at DBH. In addition, within Payment Unit 1, do not cut any oak.

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

Within Payment Unit(s) 4, cut all trees which meet minimum piece specifications in 2.2 Utilization, regardless of merchantability.

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.

2.2.10 - No chipping tops and limbs (8/16)

Within Payment Unit(s) 4, chipping of jack pine limbs or tops is not permitted. Limbs and the remaining top must be left on site and scattered.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 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.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

Construction of new roads or 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 and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 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 upon completion of the sale. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must

be scattered along the road system to prohibit vehicular movement. Contact the Sale Administrator for specific details of design and placement.

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 wet weather conditions.

4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

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.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 2 days in advance to schedule the conference.

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas pipeline company 7 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact Riverside Energy (989)705-7665. This pipe line is located on the eastern edge of Payment Units 3 and 4.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 2 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

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.

5.2.2 - 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

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit 1, cutting, skidding, and hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant aspen sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post-harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. Should damages occur to the new regeneration, the damages will be assessed per Specification 3.4.1 - Damaged Timber. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location, preferably the landing. A third-party entity may be brought in to chip the tops/slash, before new

sprouting occurs, should the contract holder fail to present in a timely manner arrangements approved by the Unit Manager for protecting the new regeneration. The Unit Manager or his/her representative may also cease such operations if sprouting occurs before the operation is complete and the Payment Unit(s) will be counted as incomplete with liquidated damages assessed accordingly.

5.2.4 - Dead and Down Creation

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two trees, nine (9) inches or larger in diameter on the ground for every two acres. They should be scattered throughout the sale or positioned per the Sale Administrator's instructions. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of five feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree. In addition, the Purchaser must create 5 large top piles within Payment Unit 4. These are to be placed on the western edge of Payment Unit 4 near the swamp conifer edge.

5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

5.2.30 - Landing/road top soil protection (2/15)

Top soil on landings and new roads must be removed, stockpiled and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.2.39 - ORV trail/route protection (4/18)

The ORV trail is shown on the Timber Sale Map. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. 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. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

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.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the 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.



TIMBER SALE MAP

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

Sale Number
71-008-24

Date
12/07/2023

Forest Management Unit	County	Mapped By: Lewicki
Roscommon Mgt Unit	Ogemaw	Cruised By: Lewicki, Martell, Ewald

Scale	Page	Of
1:20,000	1	1

Township	Range	Section(s) and Subdivision(s)
23N	02E	Sec. 19 SE; Sec. 30 NENW,SWNW,NE,W1/2SW;

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	7.8
2	20.9
3	31
4	36.5



C83 mix

96.2 Acres

