



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #7076

REVISION NOTICE #1 - June 28, 2022

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on Wednesday, June 29, 2022

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

This prospectus has been modified with the following changes.

Lockdown Mix (71-012-22) has been withdrawn from this prospectus.

We apologize for any inconvenience this may have caused. If you need assistance, please contact Doug Bates at 989-275-4622 ext. 2740.



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

CONTACT NAME: Doug Bates

PHONE NUMBER: (989) 275-4622

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:

Lockdown Jack (71-009-22) / T22N, R01W, SEC. 20, S1/2NW,SWNE,N1/2SW,SESW,SE.
Roscommon County, Advertised Price \$8,739.35, 68.4 Acres, Hardwood, Jack Pine.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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

Lockdown Jack (71-009-22)

T22N, R01W, SEC. 20.

Roscommon County (Advertised Price \$8,739.35)

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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		
Jack Pine	16.2 MBF	\$ 22.00 / MBF
Red Pine	11.4 MBF	\$ 93.00 / MBF
Pulpwood		
Black Cherry	31 Cords	\$ 14.90 / Cord
Jack Pine	348 Cords	\$ 12.00 / Cord
Mixed Oak	120 Cords	\$ 15.70 / Cord
Quaking Aspen	7 Cords	\$ 25.55 / Cord
Red Pine	13 Cords	\$ 35.20 / Cord
White Pine	6 Cords	\$ 27.40 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 9.14 percent. There are an estimated 628 cords on this timber sale, plus or minus 57 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 \$436.97 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:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	21.8%
02	50.6%
03	27.6%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 09/30/2024.

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
49,616	628	9.14%	571	685

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
149	49,616	628	9.14%	571	685
TOTAL:	49,616	628		571	685

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
149	68.4	1	14.8
		2	35.0
		3	18.6
TOTAL:	68.4		68.4

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Jack Pine	Sawtimber	3.5	MBF	14.8	\$1,906.10			
	Red Pine		2.5	MBF					
	Black Cherry	Pulpwood	7	Cords					
	Jack Pine		75	Cords					
	Mixed Oak		26	Cords					
	BI/R/Hybrid Oak	Sawtimber	1.8	MBF					
	BI/R/Hybrid Oak	Pulpwood	21	Cords					
	White Oak		1	Cords					
	Quaking Aspen		2	Cords					
	Red Pine		3	Cords					
	White Pine		1	Cords					
	White Pine	Sawtimber	0.4	MBF					
	2	Jack Pine	Sawtimber	8.3			MBF	35.0	\$4,439.85
Red Pine			5.8	MBF					
Black Cherry		Pulpwood	16	Cords					
Jack Pine			178	Cords					
Mixed Oak			62	Cords					
BI/R/Hybrid Oak		Sawtimber	4.4	MBF					
BI/R/Hybrid Oak		Pulpwood	51	Cords					
White Oak			2	Cords					
Quaking Aspen			3	Cords					
Red Pine			6	Cords					
White Pine			3	Cords					
White Pine		Sawtimber	1.0	MBF					
White Pine		Pulpwood	1	Cords					
3		Jack Pine	Sawtimber	4.4	MBF	18.6	\$2,409.10		
		Red Pine		3.1	MBF				
	Black Cherry	Pulpwood	8	Cords					
	Jack Pine		95	Cords					
	Mixed Oak		33	Cords					
	BI/R/Hybrid Oak	Sawtimber	2.3	MBF					
	BI/R/Hybrid Oak	Pulpwood	27	Cords					
	White Oak		1	Cords					
	Quaking Aspen		2	Cords					
	Red Pine		4	Cords					
	White Pine		2	Cords					
	White Pine	Sawtimber	0.5	MBF					
	White Pine	Pulpwood	1	Cords					
	TOTAL:			27.6	MBF				
	TOTAL:			526	Cords				

Sale Specific Conditions & Requirements

Sale Name: Lockdown Jack

Sale Number: 71-009-22 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 red and yellow 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. 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.

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 at DBH and 4 inches for trees smaller than 10 inches at DBH.

2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1-3, all wood must be removed by tree segment or roundwood. No tops may be chipped.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 2 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. Utilize stumps and slash for any needed road closures. 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. 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 to the condition prior to usage. This may include 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.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 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.

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, Payment Unit(s) 1-3 shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered evenly over the entire Sale Area and not be left in the "windrow" configuration from harvesting operations. 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.

5.2.30 - 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.

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail 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.

TIMBER SALE MAP

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

Forest Management Unit		County	Mapped By	Lewicki	Date	Page	of
Roscommon Management Unit		Roscommon County	Cruised By	Lewicki, Martell	04/14/2022	1	1
Township	Range	Section(s) and Subdivision(s)			Scale		
22N	01W	S.20 -S1/2NW;SWNE;N1/2SW;SESW;SE			1:15,840		

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 = Treed 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			

PU	<u>Acres</u>
1	14.8
2	35.0
3	18.6

Lockdown Jack

Compartment 51
68.4 Acres

