



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7347**

**SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on January 9, 2024.**

**LOCATION: ATLANTA MGMT UNIT, 13501 M 33, ATLANTA, MI 49709.**

**CONTACT NAME: Matt Foster**

**PHONE NUMBER: (989) 619-5921**

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

Smokey's Home Pine Oak (54-026-23) / T34N, R03E, SEC. 1, SENW, S1/2NE, SW, SE.

Presque Isle County, Advertised Price \$319,392.25, 177.1 Acres, Red Oak, Red Pine.

SALE NOTE: Good red pine & oak with good access. Operating restrictions for all Payment Units from April 15 to July 15. See sale spec 5.2.3.5 for more details.

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

Smokey's Home Pine Oak (54-026-23)

T34N, R03E, SEC. 1.

Presque Isle County (Advertised Price \$319,392.25)

SALE NOTE: Good red pine & oak with good access. Operating restrictions for all Payment Units from April 15 to July 15. See sale spec 5.2.3.5 for more details.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Oak	470.5 MBF	\$ 195.00 / MBF
Red Pine	958.0 MBF	\$ 141.00 / MBF
White Pine	141.3 MBF	\$ 143.00 / MBF
Pulpwood		
B. T. Aspen	10 Cords	\$ 27.35 / Cord
Black Spruce	62 Cords	\$ 9.15 / Cord
Jack Pine	38 Cords	\$ 12.40 / Cord
Red Maple	67 Cords	\$ 26.10 / Cord
Red Oak	683 Cords	\$ 33.75 / Cord
Red Pine	930 Cords	\$ 41.25 / Cord
White Pine	248 Cords	\$ 31.80 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 9.77 percent. There are an estimated 5,449 cords on this timber sale, plus or minus 532 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 \$15,969.61 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	15.9%
02	12.4%
03	13.1%
04	15.8%
05	9.4%
06	10.6%
07	11.7%
08	11.1%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2027.

### **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
430,492	5,449	9.77%	4,917	5,982

## 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
28	40,799	516	19.30%	417	616
34	53,651	679	24.71%	511	847
39	170,136	2,154	19.97%	1,724	2,584
56	35,994	456	16.09%	382	529
60	125,543	1,589	13.81%	1,370	1,809
122	4,368	55	52.88%	26	85
<b>TOTAL:</b>	<b>430,492</b>	<b>5,449</b>		<b>4,430</b>	<b>6,469</b>

## 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
28	14.5	1	2.1
		2	5.1
		3	7.3
34	18.7	1	18.7
39	64.8	1	3.8
		2	17.2
		3	16.5
		4	27.3
56	10.8	5	10.8
60	58.5	6	18.5
		7	20.5
		8	19.5
122	9.8	5	9.8
<b>TOTAL:</b>	<b>177.1</b>		<b>177.1</b>

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Oak	Sawtimber	10.4	MBF	24.6	\$50,778.50
	Red Pine		254.0	MBF		
	White Pine		15.4	MBF		
	Black Spruce	Pulpwood	8	Cords		
	Jack Pine		3	Cords		
	Red Maple		9	Cords		
	Red Maple	Sawtimber	0.5	MBF		
	Red Maple	Pulpwood	8	Cords		
	Red Oak		18	Cords		
	Red Pine		214	Cords		
	White Pine		30	Cords		
2	Red Oak	Sawtimber	9.3	MBF	22.3	\$39,684.30
	Red Pine		156.0	MBF		
	White Pine		36.8	MBF		
	Black Spruce	Pulpwood	21	Cords		
	Jack Pine		8	Cords		
	Red Maple		22	Cords		
	Red Maple	Sawtimber	1.2	MBF		
	Red Maple	Pulpwood	20	Cords		
	Red Oak		24	Cords		
	Red Pine		165	Cords		
	White Pine		67	Cords		
3	Red Oak	Sawtimber	9.2	MBF	23.8	\$41,876.35
	Red Pine		158.2	MBF		
	White Pine		45.3	MBF		
	Black Spruce	Pulpwood	30	Cords		
	Jack Pine		10	Cords		
	Red Maple		33	Cords		
	Red Maple	Sawtimber	1.8	MBF		
	Red Maple	Pulpwood	29	Cords		
	Red Oak		25	Cords		
	Red Pine		162	Cords		
	White Pine		79	Cords		
4	Red Oak	Sawtimber	13.6	MBF	27.3	\$50,388.85
	Red Pine		219.0	MBF		
	White Pine		25.3	MBF		
	Black Spruce	Pulpwood	3	Cords		
	Jack Pine		5	Cords		
	Red Oak		30	Cords		
	Red Pine		248	Cords		
	White Pine		60	Cords		
5	Red Oak	Sawtimber	24.1	MBF	20.6	\$29,893.95
	Red Pine		131.2	MBF		
	White Pine		10.1	MBF		
	B. T. Aspen	Pulpwood	10	Cords		
	B. T. Aspen	Sawtimber	3.8	MBF		
	B. T. Aspen	Pulpwood	2	Cords		
	Red Maple		3	Cords		
	Red Maple		3	Cords		
	Red Oak		36	Cords		
	Red Pine		87	Cords		
	White Pine		3	Cords		
6	Red Oak	Sawtimber	127.8	MBF	18.5	\$33,788.35
	Red Pine		12.5	MBF		
	White Pine		2.7	MBF		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Jack Pine	Pulpwood	4	Cords		
	Red Oak		174	Cords		
	Red Pine		17	Cords		
	White Pine		3	Cords		
7	Red Oak	Sawtimber	141.4	MBF	20.5	\$37,390.10
	Red Pine		13.9	MBF		
	White Pine		2.9	MBF		
	Jack Pine	Pulpwood	4	Cords		
	Red Oak		193	Cords		
	Red Pine		19	Cords		
	White Pine		3	Cords		
	8	Red Oak	Sawtimber	134.7		
Red Pine			13.2	MBF		
White Pine			2.8	MBF		
Jack Pine		Pulpwood	4	Cords		
Red Oak			183	Cords		
Red Pine			18	Cords		
White Pine			3	Cords		
TOTAL:			1,569.8	MBF		
TOTAL:			2,038	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Smokey's Home Pine Oak**

**Sale Number: 54-026-23 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) 1-8, cut all trees that are two (2) inches or more at DBH, except trees marked with green paint.

#### **2.2 - Utilization**

##### **2.2.2 - Chipping required (2/18)**

Payment Unit(s) 1-5 must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. If market conditions limit the practicality of chipping, tops and slash must be arranged in a way that will not inhibit future planting operations, as directed by the Sale Administrator. The requirement to retain approximately 1/6 to 1/3 of treetops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

##### **2.2.3 - Stump heights (4/07)**

Stump heights within Payment Units 1-5 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

### **3 - Payments**

#### **3.4 - Damaged Timber**

##### **3.4.1 - Damaged timber (7/16)**

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, in Payment Units 6, 7, & 8, extreme care should be taken to avoid damage to advanced pine seedlings and saplings that are less than two (2) inches at DBH.

##### **3.4.2 - Special Protection Trees (4/14)**

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200.00 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

#### **3.6 - Payment Unit Cutting Schedule**

##### **3.6.8 - Operating period (5/16)**

Once cutting begins, operations must continue until all Payment Units are completed. This requirement is for Payment Units 1-5. This is required to facilitate follow up cultivation work.

### **4 - Transportation**

#### **4.1 - Construction**

#### 4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be chipped, utilized or otherwise removed from the sale.

#### 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 chipped, utilized or otherwise removed from the sale. Stumps shall be set upright, not left on edge, and be moved at least 20 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. All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. Some existing roads may also need to be closed. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. 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

#### 4.2.5 - 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 on site 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 10 days in advance to schedule the conference.

#### 5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 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

##### 5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Units 1-8, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

#### 5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

#### 5.2.3.11 - Coppice regeneration protection (4/10)

To promote oak and aspen regeneration, harvesting is limited to December 1 through March 31 in Payment Units 6-8. Timber harvesting must be completed before significant oak or aspen sprouting occurs so as to minimize damage to the new regeneration. Any post harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

#### 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)

Trail 990 is a snowmobile trail and 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 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. All stumps within 10 feet of the snowmobile trail must be cut at ground level.

### 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.

### 5.8 - 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.

## 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 snowmobile trail 990 and Hill 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.

#### 6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on snowmobile trail 990 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.

