



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6843

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on March 23, 2021.**

LOCATION: **INDIAN RIVER FIELD OFFICE, 6984 WILSON, INDIAN RIVER, MI 49749.**

CONTACT NAME: Lucas Merrick

PHONE NUMBER: (989) 732-3541

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

Zeke Hardwood (52-104-20) / T36N, R06W, SEC. 2 , W1/2SW.

T36N, R06W, SEC. 3 , SENW,SWNE,SW,SE.

Emmet County, Advertised Price \$135,664.90, 189.9 Acres, Hardwood, Sugar Maple.

SALE NOTE: Good access, nice quality.

TIMBER SALE INFORMATION

Zeke Hardwood (52-104-20)

T36N, R06W, SEC. 2; T36N, R06W, SEC. 3.

Emmet County (Advertised Price \$135,664.90)

SALE NOTE: Good access, nice quality.

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 T-Sale computer program and our traditional volume equations. 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		
B. T. Aspen	29.5 MBF	\$ 45.00 / MBF
Basswood	92.2 MBF	\$ 37.00 / MBF
Beech	81.1 MBF	\$ 52.00 / MBF
Black Cherry	62.5 MBF	\$ 145.00 / MBF
Red Maple	35.5 MBF	\$ 53.00 / MBF
Sugar Maple	331.9 MBF	\$ 230.00 / MBF
White Ash	355.2 MBF	\$ 33.00 / MBF
Yellow Birch	5.5 MBF	\$ 41.00 / MBF
Pulpwood		
B. T. Aspen	25 Cords	\$ 12.80 / Cord
Mixed Hardwood	1,687 Cords	\$ 16.10 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.20 percent. There are an estimated 3,698 cords on this timber sale, plus or minus 451 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 \$6,783.25 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	35.8%
02	24.0%
03	40.2%
- If no cutting takes place, the 10% down payment will not be refunded.
- Operations on the contract issued will terminate on 06/30/2024.

SALE STATISTICS

SALE VOLUMES

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
292,163	3,698	12.20%	3,247	4,149

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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
60	876,473	11,095	12.20%	9,741	12,448
TOTAL:	876,473	11,095		9,741	12,448

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
60	189.9	1	68.0
		2	45.6
		3	76.3
TOTAL:	189.9		189.9

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	10.6	MBF	68.0	\$48,570.30
	Basswood		33.0	MBF		
	Beech		29.0	MBF		
	Black Cherry		22.4	MBF		
	Red Maple		12.7	MBF		
	Sugar Maple		118.8	MBF		
	White Ash		127.2	MBF		
	Yellow Birch		2.0	MBF		
	B. T. Aspen	Pulpwood	9	Cords		
	Mixed Hardwood		604	Cords		
	<i>Ironwood</i>		<i>0.3</i>	<i>MBF</i>		
	<i>Basswood</i>		<i>29</i>	<i>Cords</i>		
	<i>Beech</i>		<i>81</i>	<i>Cords</i>		
	<i>Black Cherry</i>		<i>32</i>	<i>Cords</i>		
	<i>Ironwood</i>		<i>3</i>	<i>Cords</i>		
	<i>Red Maple</i>		<i>32</i>	<i>Cords</i>		
	<i>Sugar Maple</i>		<i>323</i>	<i>Cords</i>		
	<i>White Ash</i>		<i>100</i>	<i>Cords</i>		
	<i>Yellow Birch</i>		<i>3</i>	<i>Cords</i>		
2	B. T. Aspen	Sawtimber	7.1	MBF	45.6	\$32,573.20
	Basswood		22.1	MBF		
	Beech		19.5	MBF		
	Black Cherry		15.0	MBF		
	Red Maple		8.5	MBF		
	Sugar Maple		79.7	MBF		
	White Ash		85.3	MBF		
	Yellow Birch		1.3	MBF		
	B. T. Aspen	Pulpwood	6	Cords		
	Mixed Hardwood		405	Cords		
	<i>Ironwood</i>		<i>0.2</i>	<i>MBF</i>		
	<i>Basswood</i>		<i>19</i>	<i>Cords</i>		
	<i>Beech</i>		<i>55</i>	<i>Cords</i>		
	<i>Black Cherry</i>		<i>22</i>	<i>Cords</i>		
	<i>Ironwood</i>		<i>2</i>	<i>Cords</i>		
	<i>Red Maple</i>		<i>21</i>	<i>Cords</i>		
	<i>Sugar Maple</i>		<i>217</i>	<i>Cords</i>		
	<i>White Ash</i>		<i>67</i>	<i>Cords</i>		
	<i>Yellow Birch</i>		<i>2</i>	<i>Cords</i>		
3	B. T. Aspen	Sawtimber	11.8	MBF	76.3	\$54,521.40
	Basswood		37.1	MBF		
	Beech		32.6	MBF		
	Black Cherry		25.1	MBF		
	Red Maple		14.3	MBF		
	Sugar Maple		133.4	MBF		
	White Ash		142.7	MBF		
	Yellow Birch		2.2	MBF		
	B. T. Aspen	Pulpwood	10	Cords		
	Mixed Hardwood		678	Cords		
	<i>Ironwood</i>		<i>0.4</i>	<i>MBF</i>		
	<i>Basswood</i>		<i>33</i>	<i>Cords</i>		
	<i>Beech</i>		<i>91</i>	<i>Cords</i>		
	<i>Black Cherry</i>		<i>36</i>	<i>Cords</i>		
	<i>Ironwood</i>		<i>4</i>	<i>Cords</i>		
	<i>Red Maple</i>		<i>35</i>	<i>Cords</i>		
	<i>Sugar Maple</i>		<i>362</i>	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
3 con't	<i>White Ash</i>	<i>Pulpwood</i>	<i>112</i>	<i>Cords</i>		
	<i>Yellow Birch</i>		<i>4</i>	<i>Cords</i>		
TOTAL:			993.4	MBF		
TOTAL:			1,712	Cords		

Sale Specific Conditions & Requirements

Sale Name: Zeke Hardwood

Sale Number: 52-104-20 Seq#: 2

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. Regen pocket boundaries are marked with green paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, 2, and 3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, within the green marked regen pockets, all trees greater than two (2) inches at DBH are designated for cutting.

2.2 - Utilization

2.2.6 - Roundwood operation required (5/07)

The skidding of whole trees or tree segments with limbs attached is prohibited. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1, 2, and 3 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.

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. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

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 dispersed throughout the sale.

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. 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 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 3 days in advance to schedule the conference.

5.2 - Conduct of Operations

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

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, 2 and 3, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

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

6.2.2 - Snowmobile trail posting (8/09)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail (Beacon Hill Road), if it is used for hauling during the snowmobile season, 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.

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on Middle Village Road 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.

Forest Management Unit		County	Mapped By		Date	Page		of	
Gaylord FMU / Indian River FO		Emmet County	Cruised By		6/17/2020	1		1	
Township	Range	Section(s) and Subdivision(s)				Scale			
36N	06W	Sec. 2: W1/2SW Sec. 3: SENW, SWNE, SW1/4, SE1/4				1:15,840			
Cover Type					Density				
A = Aspen B = Paper Birch C = Cedar D = Treed Bog E = Swamp Hdwoods F = Spruce Fir G = Grass H = Hemlock J = Jack Pine L = Lowland Brush LM = Lowland Mixed M = Mpl, Bch, Brch MC = Mixed Conifer MD = Mixed Decidious N = Marsh O = Oak P = Lowland Poplar Q = Mixed Swamp Conifer R = Red Pine S = Black Spruce T = Tamarack					U = Upland Brush UM = Upland Mixed V = Bog or Marsh W = White Pine X = Non Stocked Z = Water 0 = Non Stocked 1 = Seedling Sapling Poor 2 = Seedling Sapling Medium 3 = Seedling Sapling Well 4 = Pole Timber Poor 5 = Pole Timber Medium 6 = Pole Timber Well 7 = Saw Timber Poor 8 = Saw Timber Medium 9 = Saw Timber Well				

	<u>PU</u>	<u>Acres</u>
1		68.0
2		45.6
3		76.3

Zeke Hardwood

Compartment 104

189.9 Acres

