

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN <u>TIMBER SALE PROSPECTUS #7085</u>

<u>SCHEDULED SALE DATE AND TIME:</u> 10:00 a.m. (local time) on August 25, 2022. <u>LOCATION:</u> GLADWIN MGMT UNIT, 801 NORTH SILVERLEAF, GLADWIN, MI 48624.

<u>PROSPECTUS NOTE</u>: 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, GLADWIN MANAGEMENT UNIT, for certain timber on the following described lands:

<u>Tyler Fall</u> (73-003-21) / T20N, R05E, SEC. 31, W1/2SE. T20N, R05E, SEC. 32, NW. Arenac County, Advertised Price \$22,438.65, 33.0 Acres, Aspen, Hardwood.

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

Sale units have some wind throw and tipped trees that add to the complexity of harvesting the sale. Trees that were alive in the summer of 2021 were tallied. The tipped trees if left, and they meet the size criteria for drumming logs, can be counted toward the total needed for Spec 5.2.4.4.

<u>Pitcher Pine</u> (73-004-21) / T17N, R01E, SEC. 13, NENE,S1/2NE,N1/2SE. T17N, R02E, SEC. 16, W1/2NW,NWSW,S1/2SW. T17N, R02E, SEC. 17, NE,SESW,NWSE. T17N, R02E, SEC. 8 , NE,E1/2SE. Gladwin County, Advertised Price \$100,321.35, 168.7 Acres, Aspen, Hardwood.

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

BID INSTRUCTIONS (VER. 07/02/2018):

1. Scheduled Bid Location, Date, and Time (2/11)

Bids must be received by the Unit Manager, GLADWIN OFFICE, 801 NORTH SILVERLEAF, GLADWIN, MI 48624, no later than 10:00 a.m. (local time) on August 25, 2022. For further information concerning this sale, contact Patrick Mohney at 989-426-9205 extension 7640.

2. Bidder's Qualifications (5/16)

Purchaser shall obtain workers compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. If all or part of a timber sale was prepared by a private contractor, the contractor and that contractor's company are not permitted to bid on the timber sale contract. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

3. Preparation of Sealed Bids (5/16)

Bid Forms may be completed online thru Michigan DNR Timber Sale Online Bidding (OLB) at www.michigan.gov/timberbidding or by completing the hardcopy Bid Form found in the Timber Sale Prospectus . Hardcopy Bid Forms shall be manually signed in ink. Registration in OLB is considered your 'signature' for all bids submitted thru that system. Bid prices must be entered for each species and product in the Bid Price column for all material subject to bidding and all fill-in blanks must be completed. If erasures or other changes appear on the hardcopy Bid Form, each erasure or change must be initialed by the person signing the bid.

4. Submission of Sealed Bids (5/16)

Bid forms may be obtained from the Unit Manager or thru OLB. Bids may be submitted hardcopy or thru OLB. All hardcopy bids must be submitted on the bid form and in an envelope clearly identified as described in this section. NOTE: Only one bid form per bid envelope. Sealed bids must be submitted to the Unit office designated in the prospectus and must be submitted at or prior to the time established in the prospectus. The envelope should show on the outside (a) the sale name or number and (b) the date and time of bid opening, as shown in the prospectus. Bids received after the time specified in the sale prospectus are late bids and will be rejected.

It is possible for a bidder to submit multiple bids on a single sale. For example, a bid may be submitted hardcopy and a bid may be submitted thru OLB. Or, two bidders from the same company could both submit bids on the same sale. If this were to happen, the State would accept all bids received and award the contract accordingly. All bidding and contractual requirements would apply to all bids received.

5. Public Opening of Sealed Bids (7/16)

If conditions permit, the sealed bids will be publicly opened and posted at the time and place set in the prospectus.

If a bidder, present at a bid opening, has submitted bids on more than one sale, that bidder may withdraw their unopened bid envelopes or announce the withdrawal of their online bid after being declared the successful bidder on one sale.

6. Award of Contract (1/11)

Award of the contract will be made to the Bidder whose bid, conforming to the prospectus, is most advantageous to the State of Michigan on the basis of total value at rates bid for the estimated quantities. The State reserves the right to reject any bid or waive any minor irregularity in bids received. A written award mailed (or otherwise furnished) to the successful Bidder shall be deemed to result in a binding contract without further action by either party.

7. Down Payment (1/11)

The Bidder to whom award is made must make a down payment within 21 days of the sale award. The amount of the down payment will be calculated as shown in the Bond and Payment Schedule of this prospectus. Only cash may be used to meet this requirement.

8. Performance Security (1/11)

As guarantee of faithful performance, a cash bond, certificate of deposit, surety bond or irrevocable letter of credit (LOC) is required within 21 days of the sale award. The amount of the performance security is shown in the Bond and

Payment Schedule of this prospectus. If an LOC or surety is used, the coverage must extend for at least 6 months beyond the contract expiration.

9. Timber Sale Contract (7/18)

Additional conditions and requirements common to all timber sales are listed on the timber sale contract (R4031) and are available on line at www.michigan.gov/timber. Contact the Unit Manager for additional information or a sample contract. Within 21 days of the date of the award letter, the bidder must sign the contract and provide the required down payment, performance security, and verification of worker's disability compensation. The down payment and performance security shall be in accordance with the provisions of the timber sale contract, in the sums stated in this prospectus. If these actions are not taken, then the Bidder, the Bidder's corporation, and the corporation's principals may not be permitted to bid on State timber sales for a period of 3 months after the first offense, 6 months after the second offense, and 1 year after the third offense. An offense will only be counted against the Bidder for 5 years. In addition, the Bidder certifies that if awarded this contract, the Bidder will complete the timber sale contract in accordance with its terms and any modifications thereof including requirements to purchase, cut, and remove the included timber by the expiration date.

Payment Unit values in the State Forest Timber Sale Contract are calculated based on the advertised value of the Payment Unit as a percentage of the total advertised value of the contract. The advertised value of each Payment Unit is given in the Description of Timber by Payment Unit table on the Timber Sale Information page. For example, if the value of Payment Unit 1 is advertised as \$1,500 and the total Timber Sale value is advertised as \$10,000, the contract price for Payment Unit 1 will be 15% of the total bid price (\$1,500/\$10,000 * 100).

10. Disclaimer of Estimates and Bidder's Warranty of Inspection (7/16)

Before submitting this bid, the Bidder is advised and cautioned to inspect the sale area, review the requirements of the sale contract, and take other steps as may be reasonably necessary to ascertain the location, estimated volumes, construction estimates, and operating costs of the proposed sale. Failure to do so will not relieve the Bidder from responsibility for completing the contract.

The Bidder warrants that this bid is submitted solely on the basis of the Bidder's examination and inspection of the quality and quantity of the timber offered for sale and the Bidder's opinion of the value thereof and the costs of recovery . No reliance should be placed on the State of Michigan's estimates of timber quality, quantity or costs of recovery. Bidder further acknowledges that the State of Michigan: (i) expressly disclaims any warranty of fitness of timber for any purpose; (ii) offers this timber as is without any warranty of quality (merchantability) or quantity and (iii) expressly disclaims any warranty as to the quantity or quality of timber sold.

11. Certification and Chain-of-Custody (10/14)

Unless otherwise indicated in the contract under section 7 – Other Conditions of the Sale Specific Conditions & Requirements, the area encompassed by this timber sale is certified to the standards of the Forest Stewardship Council (FSC) - Certificate #SCS-FM/COC-00090N and the Sustainable Forestry Initiative (SFI) - Certificate # NSF-SFIS-5Y031-SF5. Forest products from this sale may be delivered to the mill as "FSC 100% and / or SFI certified" as long as the contractor hauling the forest products is chain-of-custody (COC) certified or covered under a COC certificate from the destination mill. The purchaser is responsible for maintaining COC after leaving the sale area.

12. Good Neighbor Authority (GNA) Requirements (7/16)

If the name of this timber sales contains the acronym GNA, it is authorized by the Good Neighbor Authority (GNA) and covered by various agreements between the U.S. Forest Service and the State. The timber sale occurs on federal land and the following conditions apply:

GNA contracts on US Forest Service land will not be awarded to purchasers on the Federal list of excluded parties. The System for Award Management (SAM) will be checked for active excluded parties prior to award of contract. In addition, the Bidder to whom award is made must complete an Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Applicants (AD-3031).

13. Good Neighbor Authority (GNA) Requirements, con't (9/16)

Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete.

a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.

b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.

d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

Bidders that cannot certify this requirement, in whole or in part, shall submit an explanation with their bid.

DAN EICHINGER Director

TIMBER SALE INFORMATION

Tyler Fall (73-003-21)

T20N, R05E, SEC. 31; T20N, R05E, SEC. 32. Arenac County (Advertised Price \$22,438.65)

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

Sale units have some wind throw and tipped trees that add to the complexity of harvesting the sale. Trees that were alive in the summer of 2021 were tallied. The tipped trees if left, and they meet the size criteria for drumming logs, can be counted toward the total needed for Spec 5.2.4.4.

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:

PRODUCTS & SPECIES	ESTIMATE	<u>ED UNITS*</u>	ADV	ERTISED PRICE
Sawtimber				
B. T. Aspen	5.2	MBF	\$	69.00 / MBF
BI/R/Hybrid Oak	34.1	MBF	\$	56.00 / MBF
Red Maple	15.6	MBF	\$	45.00 / MBF
White Oak	6.7	MBF	\$	42.00 / MBF
White Pine	28.5	MBF	\$	59.00 / MBF
Pulpwood				
B. T. Aspen	430	Cords	\$	25.10 / Cord
Jack Pine	3	Cords	\$	14.85 / Cord
Mixed Hardwood	23	Cords	\$	15.95 / Cord
Mixed Oak	202	Cords	\$	12.35 / Cord
Red Maple	107	Cords	\$	15.95 / Cord
Red Pine	8	Cords	\$	32.95 / Cord
White Pine	80	Cords	\$	22.95 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 7.24 percent. There are an estimated 1,058 cords on this timber sale, plus or minus 77 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:

01 02 03

- 1. A bond in the amount of \$2,244.00 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
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60.7%
9.2%
30.1%

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.

VOL	UME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
83,559	1,058	7.24%	981	1,134

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	50,199	635	10.10%	571	700
98	7,626	97	27.89%	70	123
99	25,734	326	9.83%	294	358
TOTAL:	83,559	1,058		935	1,181

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	14.9	1	14.9
98	5.8	2	5.8
99	12.3	3	12.3
TOTAL:	33.0		33.0

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	5.2	MBF	14.9	\$13,632.55
	BI/R/Hybrid Oak		27.8	MBF		
	Red Maple		15.6	MBF		
	White Oak		6.7	MBF		
	White Pine		17.9	MBF		
	B. T. Aspen	Pulpwood	214	Cords		
	Mixed Hardwood		19	Cords		
	Paper Birch		19	Cords		
	Mixed Oak		68	Cords		
	Bl/R/Hybrid Oak		58	Cords		
	White Oak		10	Cords		
	Red Maple		71	Cords		
	Red Pine		8	Cords		
	Red Pine	Sawtimber	3.5	MBF		
	Red Pine	Pulpwood	1	Cords		
	White Pine		77	Cords		
2	BI/R/Hybrid Oak	Sawtimber	2.4	MBF	5.8	\$2,054.40
	White Pine		4.7	MBF		
	B. T. Aspen	Pulpwood	36	Cords		
	Jack Pine		3	Cords		
	Jack Pine	Sawtimber	0.8	MBF		
	Jack Pine	Pulpwood	1	Cords		
	Mixed Hardwood		1	Cords		
	Black Cherry		1	Cords		
	Mixed Oak		30	Cords		
	Bl/R/Hybrid Oak		30	Cords		
	Red Maple		15	Cords		
	White Pine		3	Cords		
3	Bl/R/Hybrid Oak	Sawtimber	3.9	MBF	12.3	\$6,751.70
	White Pine		5.9	MBF		
	B. T. Aspen	Pulpwood	180	Cords		
	Mixed Hardwood		3	Cords		
	Black Cherry		3	Cords		
	Mixed Oak		104	Cords		
	Bl/R/Hybrid Oak		99	Cords		
	White Oak		5	Cords		
	Red Maple		21	Cords		
		TOTAL:	90.1	MBF		
		TOTAL:	853	Cords		

Sale Specific Conditions & Requirements

Sale Name: Tyler Fall

Sale Number: 73-003-21 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. 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, except trees marked with green paint above and below stump height.

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. 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

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

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

- 5.2 Conduct of Operations
 - 5.2.2 Hazard Trees/Snags

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5.2.2.1 - Den trees (10/16)
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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 Unit(s) 1-3 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.

5.2.4 - Dead and Down Creation

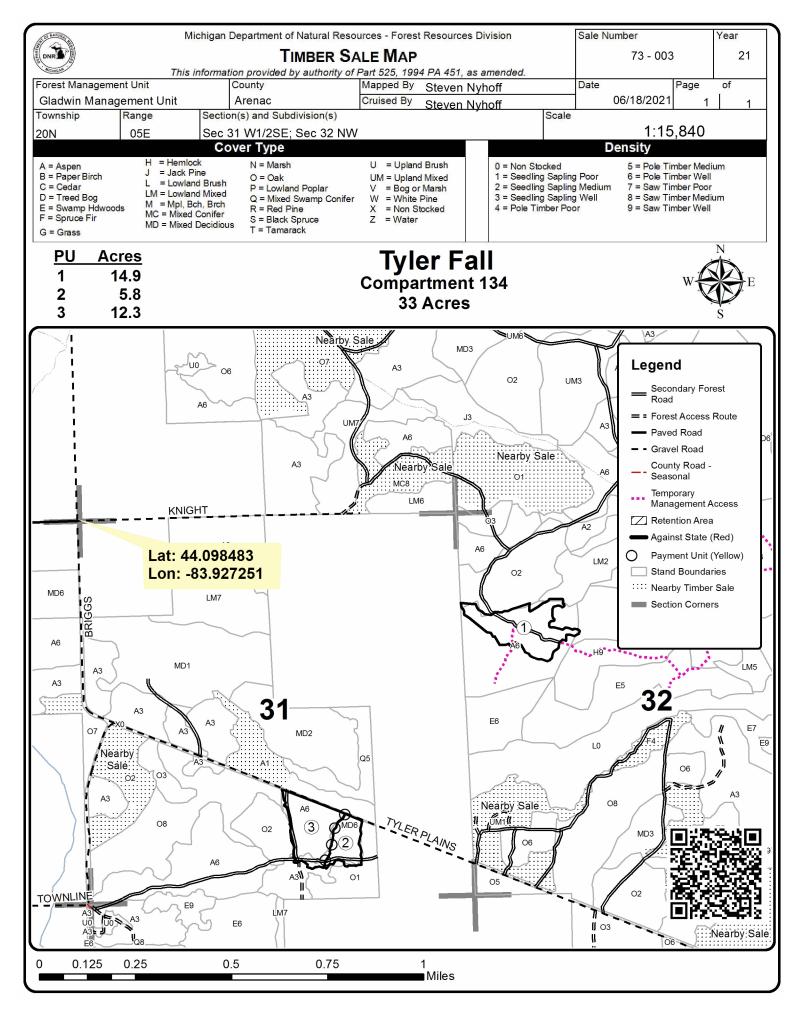
5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1-3 leave one 12" or larger diameter whole tree on the ground for every 3 acres. Trees should be scattered throughout the sale and at least two chains from any roads, two-tracks, or trails open to vehicles, or positioned per the sale administrator's instructions. Stumps must be at least 3 feet tall.

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.



TIMBER SALE INFORMATION

Pitcher Pine (73-004-21)

T17N, R01E, SEC. 13; T17N, R02E, SEC. 16; T17N, R02E, SEC. 17; T17N, R02E, SEC. 8. Gladwin County (Advertised Price \$100,321.35)

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 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:

PRODUCTS & SPECIES	ESTIMATE	ED UNITS*	ADVE	ERTISED PRICE
Sawtimber				
B. T. Aspen	159.0	MBF	\$	69.00 / MBF
Mixed Oak	63.6	MBF	\$	56.00 / MBF
Quaking Aspen	39.0	MBF	\$	69.00 / MBF
Red Maple	67.9	MBF	\$	45.00 / MBF
Red Pine	106.5	MBF	\$	90.00 / MBF
Pulpwood				
B. T. Aspen	820	Cords	\$	25.10 / Cord
Jack Pine	571	Cords	\$	14.85 / Cord
Mixed Hardwood	12	Cords	\$	15.95 / Cord
Mixed Oak	358	Cords	\$	12.35 / Cord
Paper Birch	75	Cords	\$	20.25 / Cord
Quaking Aspen	491	Cords	\$	25.10 / Cord
Red Maple	547	Cords	\$	15.95 / Cord
Red Pine	398	Cords	\$	32.95 / Cord
White Pine	48	Cords	\$	22.95 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 4.53 percent. There are an estimated 4,397 cords on this timber sale, plus or minus 199 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 \$5,016.00 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

PERCENT OF TOTAL SALE
22.9%
9.7%
4.0%
12.7%
14.7%
7.5%
7.1%
5.6%
3.5%
12.3%

4. If no cutting takes place, the 10% down payment will not be refunded.

5. Operations on the contract issued will terminate on 09/30/2025.

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.

VOL	UME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
347,337	4,397	4.53%	4,197	4,596

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 I	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
30	47,160	597	14.44%	511	683
36	20,127	255	29.35%	180	330
39	14,798	187	11.80%	165	209
40	21,129	267	14.06%	230	305
83	26,358	334	15.45%	282	385
126	111,862	1,416	8.45%	1,296	1,536
144	11,983	152	12.65%	132	171
145	22,865	289	18.53%	236	343
148	29,682	376	12.29%	330	422
156	18,115	229	13.63%	198	261
162	15,566	197	15.06%	167	227
189	7,694	97	24.14%	74	121
TOTAL:	347,337	4,397		3,801	4,992

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
30	33.0	4	33.0
36	13.1	5	13.1
39	9.5	9	9.5
40	8.0	7	8.0
83	10.8	10	10.8
126	38.1	1	26.7
		2	11.4
144	7.3	10	7.3
145	11.7	8	11.7
148	15.4	6	15.4
156	8.6	3	8.6
162	7.7	5	7.7
189	5.5	10	5.5
TOTAL:	168.7		168.7

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU		DRODUCT				
	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	49.4	MBF	26.7	\$22,868.05
	Mixed Oak		9.2	MBF		
	BI/R/Hybrid Oak		7.4	MBF		
	White Oak		1.8	MBF		
	Quaking Aspen		21.2	MBF		
	Red Maple		6.9	MBF		
	B. T. Aspen	Pulpwood	295	Cords		
	Mixed Hardwood		4	Cords		
	Basswood		4	Cords		
	Mixed Oak		139	Cords		
	Bl/R/Hybrid Oak		138	Cords		
	White Oak		1	Cords		
	Paper Birch		18	Cords		
	Paper Birch		18	Cords		
	Quaking Aspen		222	Cords		
	Red Maple		81	Cords		
	White Pine		33	Cords		
	White Pine White Pine	Soutimbor	53 6.2	MBF		
		Sawtimber				
	White Pine	Pulpwood	21	Cords		**
2	B. T. Aspen	Sawtimber	21.1	MBF	11.4	\$9,777.20
	Mixed Oak		4.0	MBF		
	Bl/R/Hybrid Oak		3.2	MBF		
	White Oak		0.8	MBF		
	Quaking Aspen		9.0	MBF		
	Red Maple		3.0	MBF		
	B. T. Aspen	Pulpwood	126	Cords		
	Mixed Hardwood		2	Cords		
	Basswood		2	Cords		
	Mixed Oak		60	Cords		
	Bl/R/Hybrid Oak		59	Cords		
	White Oak		1	Cords		
	Paper Birch		7	Cords		
	Paper Birch		7	Cords		
	Quaking Aspen		95	Cords		
	Red Maple		35	Cords		
	White Pine		33 14	Cords		
	White Pine	Sawtimber	2.6	MBF		
	White Pine		2.0 9	Cords		
		Pulpwood	-			#4.000.0C
3	B. T. Aspen	Sawtimber	12.7	MBF	8.6	\$4,062.95
	Red Maple	Dulmur!	9.2	MBF		
	B. T. Aspen	Pulpwood	10	Cords		
	Jack Pine		116	Cords		
	Jack Pine		116	Cords		
	Mixed Oak		4	Cords		
	Bl/R/Hybrid Oak		4	Cords		
	Red Maple		47	Cords		
4	B. T. Aspen	Sawtimber	8.8	MBF	33.0	\$12,778.75
	Mixed Oak		0.7	MBF		
	Bl/R/Hybrid Oak		0.7	MBF		
	Red Maple		18.8	MBF		
	B. T. Aspen	Pulpwood	218	Cords		
	Mixed Oak	'	9	Cords		
	BI/R/Hybrid Oak		9	Cords		
	Paper Birch		3 7	Cords		
	Paper Birch		7	Cords		
	raper billin		/	Corus		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Quaking Aspen	Pulpwood	118	Cords		
	Red Maple		163	Cords		
5	B. T. Aspen	Sawtimber	1.5	MBF	20.8	\$14,767.45
	Red Maple		3.3	MBF		
	Red Pine		39.5	MBF		
	B. T. Aspen	Pulpwood	3	Cords		
	Jack Pine	-	2	Cords		
	Jack Pine		2	Cords		
	Red Maple		3	Cords		
	Red Pine		328	Cords		
6	B. T. Aspen	Sawtimber	28.1	MBF	15.4	\$7,479.85
	Mixed Oak		2.2	MBF		
	BI/R/Hybrid Oak		1.3	MBF		
	White Oak		0.9	MBF		
	Red Maple		1.3	MBF		
	Red Pine		4.1	MBF		
	B. T. Aspen	Pulpwood	46	Cords		
	Jack Pine		193	Cords		
	Jack Pine	Sawtimber	11.8	MBF		
	Jack Pine	Pulpwood	169	Cords		
	Mixed Oak	, apricea	6	Cords		
	Bl/R/Hybrid Oak		5	Cords		
	White Oak		5	Cords		
	Paper Birch		8	Cords		
	Paper Birch	Sawtimber	1.0	MBF		
	Paper Birch	Pulpwood	6	Cords		
	Red Maple	Fulpwoou	0 15	Cords		
	Red Pine		15	Cords		
7		O and the base			0.0	<u> </u>
7	B. T. Aspen	Sawtimber	13.2	MBF	8.0	\$7,112.65
	Red Maple		4.7	MBF		
	Red Pine	<u> </u>	31.9	MBF		
	B. T. Aspen	Pulpwood	27	Cords		
	Jack Pine		35	Cords		
	Jack Pine		35	Cords		
	Mixed Oak		9	Cords		
	BI/R/Hybrid Oak		9	Cords		
	Paper Birch		6	Cords		
	Paper Birch		6	Cords		
	Red Maple		46	Cords		
	Red Pine		29	Cords		
8	B. T. Aspen	Sawtimber	7.9	MBF	11.7	\$5,651.70
	Mixed Oak		23.4	MBF		
	Bl/R/Hybrid Oak		22.3	MBF		
	White Oak		1.1	MBF		
	Quaking Aspen		2.6	MBF		
	Red Maple		5.2	MBF		
	Red Pine		1.8	MBF		
	B. T. Aspen	Pulpwood	40	Cords		
	Jack Pine		48	Cords		
	Jack Pine		48	Cords		
	Mixed Oak		55	Cords		
	BI/R/Hybrid Oak		54	Cords		
	White Oak		1	Cords		
			_	Cords		
	Paper Birch		5	Corus		
	Paper Birch Paper Birch		5 5	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
8 con't	Red Maple	Pulpwood	37	Cords		
	Red Pine		1	Cords		
9	B. T. Aspen	Sawtimber	8.3	MBF	9.5	\$3,496.20
	Mixed Oak		10.8	MBF		
	Bl/R/Hybrid Oak		9.0	MBF		
	White Oak		1.8	MBF		
	Red Maple		5.8	MBF		
	B. T. Aspen	Pulpwood	26	Cords		
	Jack Pine		36	Cords		
	Jack Pine		36	Cords		
	Mixed Oak		10	Cords		
	Bl/R/Hybrid Oak		9	Cords		
	White Oak		1	Cords		
	Paper Birch		2	Cords		
	Paper Birch		2	Cords		
	Quaking Aspen		4	Cords		
	Red Maple		38	Cords		
10	B. T. Aspen	Sawtimber	8.0	MBF	23.6	\$12,303.60
	Mixed Oak		13.3	MBF		
	Bl/R/Hybrid Oak		13.3	MBF		
	Quaking Aspen		6.2	MBF		
	Red Maple		9.7	MBF		
	Red Pine		29.2	MBF		
	B. T. Aspen	Pulpwood	29	Cords		
	Jack Pine		141	Cords		
	Jack Pine		141	Cords		
	Mixed Hardwood		6	Cords		
	Black Cherry		6	Cords		
	Mixed Oak		66	Cords		
	Bl/R/Hybrid Oak		66	Cords		
	Paper Birch		22	Cords		
	Paper Birch	Sawtimber	0.9	MBF		
	Paper Birch	Pulpwood	20	Cords		
	Quaking Aspen		48	Cords		
	Red Maple		82	Cords		
	Red Pine		25	Cords		
		TOTAL:	436.0	MBF		
		TOTAL:	3,319	Cords		

Sale Specific Conditions & Requirements

Sale Number: 73-004-21 Seg#: 1

Sale Name: Pitcher Pine

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. Eastman road is the unpainted designated eastern boundary for Payment Unit 8-10. Guernsey Creek road is the unpainted designated northern boundary for Payment Unit 10. 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 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.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14) Within Payment Unit(s) 1-4, 6, and 8-10, cut all trees that are two (2) inches or more at DBH.

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

Within Payment Unit(s) 7, cut all trees which meet minimum piece specifications in 2.2 Utilization, except trees marked with green paint above and below stump height.

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

Within Payment Unit(s) 5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

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. There will be only one division per Payment Unit.

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. Overgrown roads that are reopened shall be considered new roads. 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.

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 business days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08) No slash or tree tops may exceed 36 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

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 5, 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.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit 6 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.

5.2.4 - Dead and Down Creation

5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1, 2, and 4, leave one 12" or larger diameter whole tree on the ground for every 3 acres. Trees should be scattered throughout the sale and at least two chains from any roads, two-tracks, or trails open to vehicles, or positioned per the sale administrator's instructions. Stumps must be at least 3 feet tall.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1, 2, 4, and 9, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of saturated soils.

5.2.32 - Decking/landing restoration (9/13)

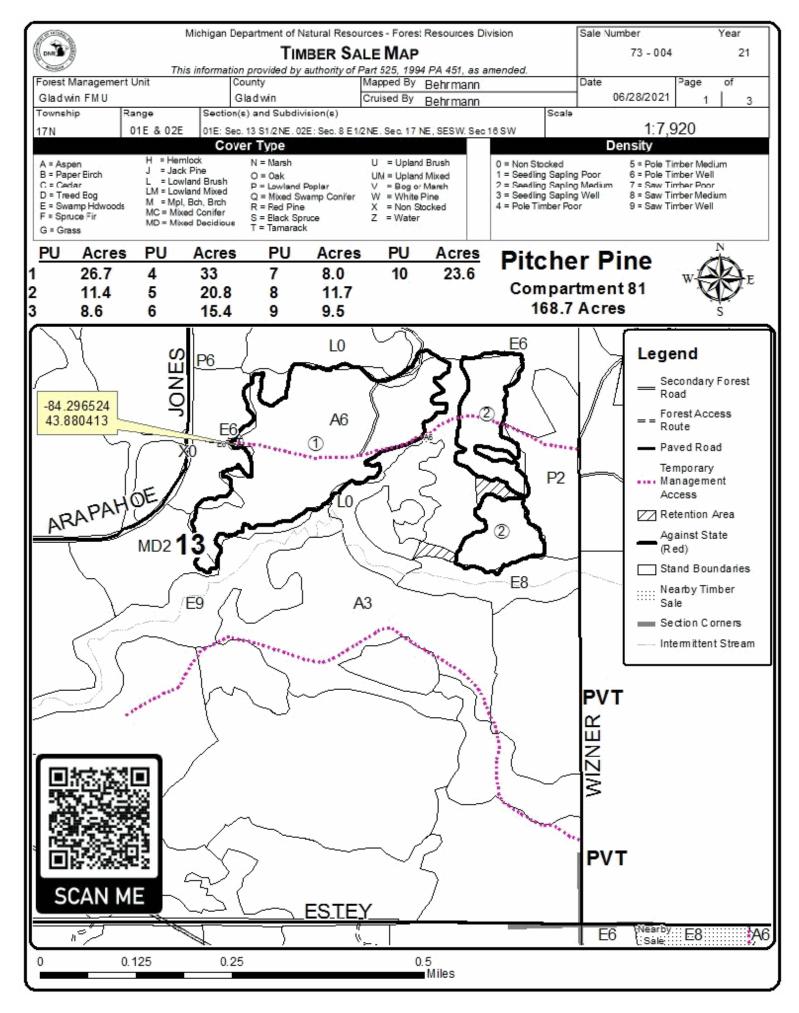
All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed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

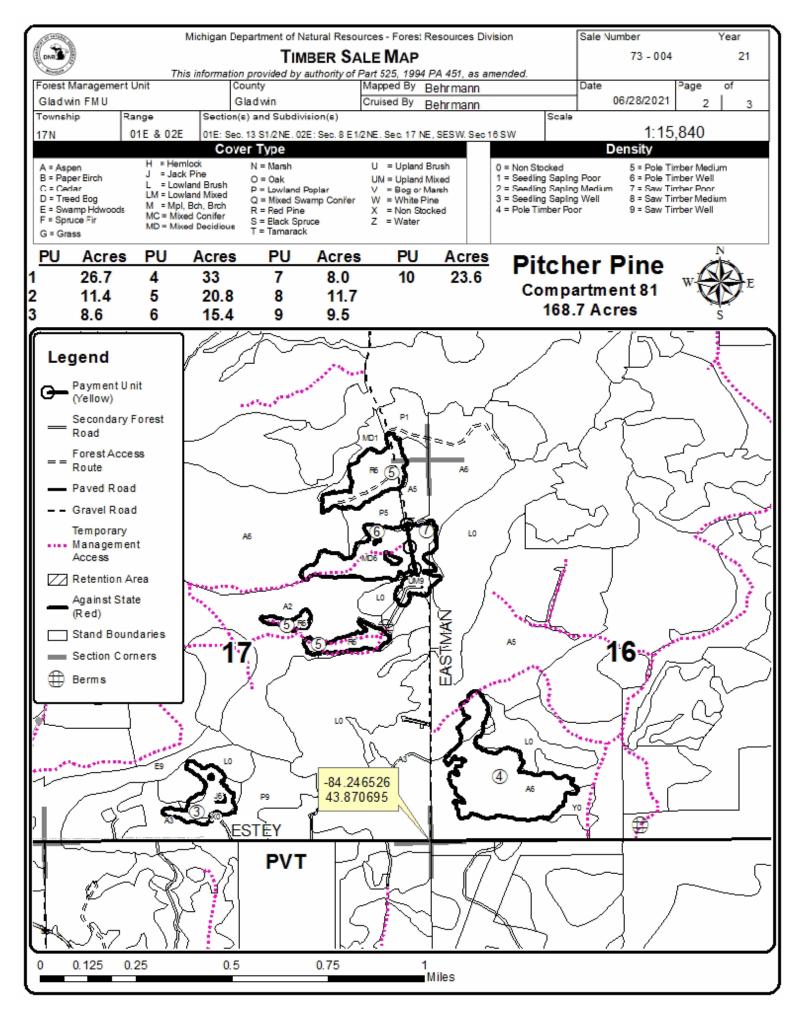
6 - Safety and Fire Prevention

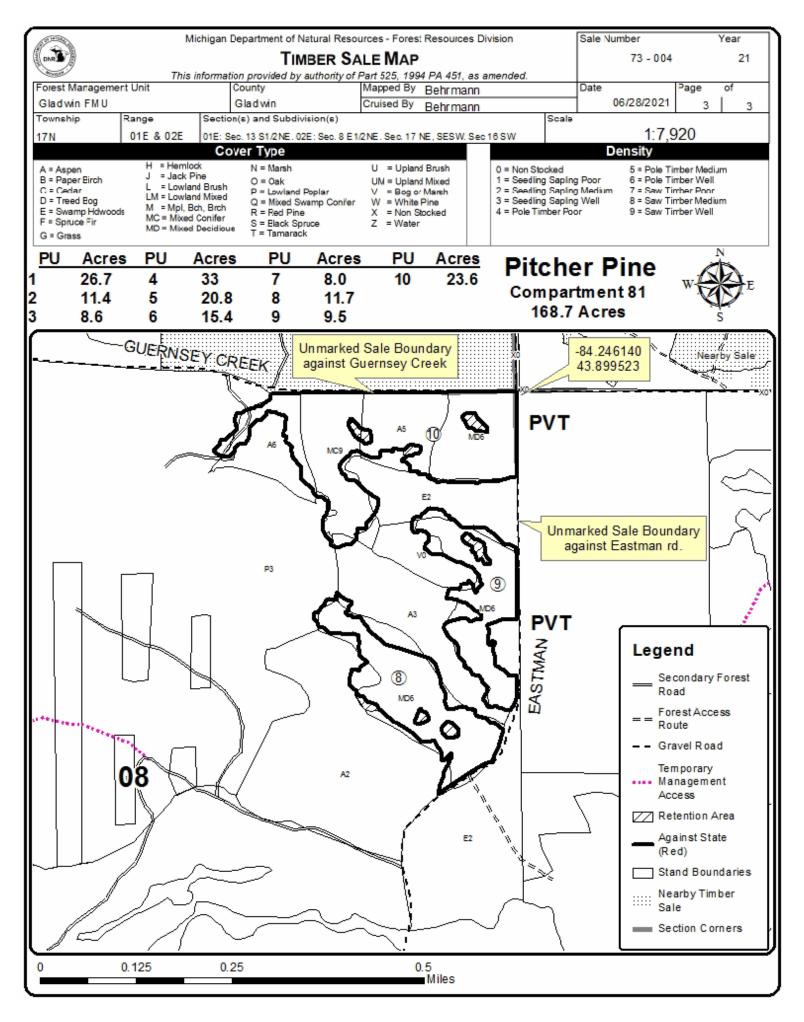
6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Eastman and Estey Roads 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.







TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

<u>Tyler Fall (73-003-21)</u>

T20N, R05E, SEC. 31; T20N, R05E, SEC. 32; Arenac COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on August 25, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AD\</u>	ERTISED PRICE	BID PRICE/UNIT
B. T. Aspen	5.2	MBF	\$	69.00/MBF	\$
BI/R/Hybrid Oak	34.1	MBF	\$	56.00/MBF	\$
Red Maple	15.6	MBF	\$	45.00/MBF	\$
White Oak	6.7	MBF	\$	42.00/MBF	\$
White Pine	28.5	MBF	\$	59.00/MBF	\$
Pulpwood					
B. T. Aspen	430	Cords	\$	25.10/Cord	\$
Jack Pine	3	Cords	\$	14.85/Cord	\$
Mixed Hardwood	23	Cords	\$	15.95/Cord	\$
Mixed Oak	202	Cords	\$	12.35/Cord	\$
Red Maple	107	Cords	\$	15.95/Cord	\$
Red Pine	8	Cords	\$	32.95/Cord	\$
White Pine	80	Cords	\$	22.95/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 7.24 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID:							
Company or individual bidding:							
Company representative's name:	Company representative's name:						
Address:			_				
City:	State:	Zip:	_				

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature:

Phone number :____

_____ Email (optional):____

Date:

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE

NTOF NATURAL ACTION	Michigan Department of Natur Forest Resources Div			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)					
add Michigan - 67	TIMBER SAL	.E							
	VERIFICATION OF WORKE	R'S DISABII IT	Y	Forest Management Unit:					
				Forest Management Onit.					
		-	- d						
	As required by Act 317, P.A. 1969 (Work Part 5 of Act 451 of 1994, as	amended.							
	VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE								
sale	 This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. 								
	 In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract. 								
• All	Information must be typed or printed	except for written	signatures.						
Please	Check Appropriate Categories:								
-	business is organized as (you must	check <u>one</u> of the	boxes below):						
	Sole Proprietorship (individual)								
	Partnership								
C. L	Corporation								
2. You	u must check <u>one</u> of the boxes below	v:							
A. [I certify my business is a sole propriet Worker's Compensation Laws.	orship and it has no	employees but	the sole proprietor. I am not subject to the					
	Exclusion (BWC-337, Rev. 5/96). I w questions or a copy of the BWC-337,	ill provide a copy of please call the Wor	the Notice of Ex ker's Compensa	ation Act through the use of an approved Notice of cclusion within 21 days of the contract award. (For ation Bureau at 517-322-1195). an original Certificate of Insurance within twenty-					
	one (21) days of the contract award.								
	ou have checked item 2(A) or 2(B), n yourself, including family members			of both full-time and part-time employees, other u must enter "0").					
	Full-time Er	nnlovees		Part-time Employees					
		npioyees							
Name of E	Business		Federal ID (or)	Social Security No.					
Address			Telephone						
Otto		Otata							
City		State	ZIP						
	v certify that the above information is rs affecting my coverage during any o			ify the Michigan DNR of any changes that occur ons.					
Signat	ure of Owner or Authorized Representative								
Title			Dat	le l					
			Da						

Please complete the "SEALED BID" information on the next page

PR 4031-5 (Rev. 10/30/2012)

BID FORM

Pitcher Pine (73-004-21)

T17N, R01E, SEC. 13; T17N, R02E, SEC. 16; T17N, R02E, SEC. 17; T17N, R02E,

In response to the notice of sale to be held 10:00 a.m. (local time) on August 25, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AD∖</u>	ERTISED PRICE	BID PRICE/UNIT
B. T. Aspen	159.0	MBF	\$	69.00/MBF	\$
Mixed Oak	63.6	MBF	\$	56.00/MBF	\$
Quaking Aspen	39.0	MBF	\$	69.00/MBF	\$
Red Maple	67.9	MBF	\$	45.00/MBF	\$
Red Pine	106.5	MBF	\$	90.00/MBF	\$
Pulpwood					
B. T. Aspen	820	Cords	\$	25.10/Cord	\$
Jack Pine	571	Cords	\$	14.85/Cord	\$
Mixed Hardwood	12	Cords	\$	15.95/Cord	\$
Mixed Oak	358	Cords	\$	12.35/Cord	\$
Paper Birch	75	Cords	\$	20.25/Cord	\$
Quaking Aspen	491	Cords	\$	25.10/Cord	\$
Red Maple	547	Cords	\$	15.95/Cord	\$
Red Pine	398	Cords	\$	32.95/Cord	\$
White Pine	48	Cords	\$	22.95/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 4.53 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID:	or SOCIAL SECU	JRITY NUMBER:					
Company or individual bidding:							
Company representative's name:							
Address:			_				
City:	State:	Zip:	_				

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature:

Phone number : Email (optional):

_____ Date:_____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE

DNR	Michigan Department of Natural Resources Forest Resources Division	FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)							
auto . MICHIGA	TIMBER SALE								
	VERIFICATION OF WORKER'S DISABILI	TY Forest Management Unit:							
	COMPENSATION ACT COMPLIANCE								
	As required by Act 317, P.A. 1969 (Worker's Compensation)	and							
VEDI	Part 5 of Act 451 of 1994, as amended.								
	VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE								
s	 This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. 								
	n addition, if boxes 2B or 2C are checked, then Notice of wenty-one (21) days of the contract award and prior to the	of Exclusion or Certificate of Insurance must be submitted within e issuance of the timber sale contract.							
• A	Il Information must be typed or printed except for writter	n signatures.							
Pleas	e Check Appropriate Categories:								
	ly business is organized as (you must check <u>one</u> of the	e boxes below):							
	. 🔲 Sole Proprietorship (individual)								
	. 🔲 Partnership								
	Corporation								
2. Y	ou must check <u>one</u> of the boxes below:								
A	 I certify my business is a sole proprietorship and it has r Worker's Compensation Laws. 	o employees but the sole proprietor. I am not subject to the							
	Exclusion (BWC-337, Rev. 5/96). I will provide a copy of questions or a copy of the BWC-337, please call the Wo	Vorker's Compensation Act through the use of an approved Notice of of the Notice of Exclusion within 21 days of the contract award. (For orker's Compensation Bureau at 517-322-1195). cy. I will provide an original Certificate of Insurance within twenty-							
		ate the number of both full-time and part-time employees, other ners (if none, you must enter "0").							
	Full-time Employees	Part-time Employees							
Name	of Business	Federal ID (or) Social Security No.							
Addres	S	Telephone							
City	State	ZIP							
in fact	by certify that the above information is true and correct fors affecting my coverage during any of my present an nature of Owner or Authorized Representative	<i>I</i> <i>.</i> I agree to notify the Michigan DNR of any changes that occur d future operations.							
July									
Title	· · · · · · · · · · · · · · · · · · ·	Date							

Please complete the "SEALED BID" information on the next page

PR 4031-5 (Rev. 10/30/2012)