

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7234

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on October 17, 2023. LOCATION: ATLANTA MGMT UNIT, 13501 M 33, ATLANTA, MI 49709.

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

Painted Up Red Pine (54-007-23) / T36N, R03E, SEC. 25, N1/2NE.

T36N, R03E, SEC. 36, S1/2NW,N1/2SW.

T36N, R04E, SEC. 30, NWNW.

Presque Isle County, Advertised Price \$195,196.85, 107.1 Acres, Hardwood, Red Pine.

SALE NOTE: There is old red paint present within Payment Units 2-5; it is encouraged that the producer utilizes the georeferenced Avenza Map. This sale has good quality timber, access, and operability. There is a snowmobile trail within Payment Units 2-5, and in the vicinity of Payment Unit 1 (see specs 5.2.41 & 6.2.2). Low stumps are required in Payment Units 1-4 (see spec 2.2.3). Slash will be required to be moved from Payment Unit 4 into Payment Unit 5 and piled around oak stumps (see spec 5.2.1.2.6). Soft oak wilt specs are in place due to the proximity to private property as well as oak within the retention islands (see spec 5.2.3.5).

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.

Bummers Roost Red Pine (54-021-23) / T35N, R02E, SEC. 3, NW,S1/2NE,NESW,N1/2SE,SESE. Presque Isle County, Advertised Price \$187,891.15, 123.5 Acres, Red Pine, Aspen.

SALE NOTE: The sale has variable timber types with some open grown areas. In addition, the sale consists of flat sandy terrain with good access and no restrictions.

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.

Penance Pine (54-015-22) / T33N, R02E, SEC. 1, S1/2SW, SESE.

T33N, R02E, SEC. 12, N1/2NW,N1/2NE.

Presque Isle County, Advertised Price \$96,694.30, 48.5 Acres, Red Pine, White Pine.

SALE NOTE: The Purchaser must observe the 2" cutting requirement across all of Payment Unit 3.

Hard Bottom Mix (54-020-22) / T36N, R02E, SEC. 27, NENW,S1/2NW,W1/2NE,SW,SWSE. Presque Isle County, Advertised Price \$68,286.85, 77.5 Acres, Hardwood, N White Cedar.

SALE NOTE: Within Payment Units 1-4, cutting, skidding and hauling are limited to very dry or frozen ground conditions (see spec 5.2.3.1). In order to establish usable/operable access to Payment Units 2 and 3, it is required that Payment Unit 1 be harvested first (see spec 3.6.1). Note that there are some challenging operational conditions and long skidding/hauling distances in Payment Units 1-3. Although lowland conditions are common throughout the Sale Area, there tended to be a cobble and/or hard rock bottom just below the soil substrate.

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. Access may be through private or other public land.

BID INSTRUCTIONS (VER. 10/10/2022):

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

Bids must be received by the Unit Manager, ATLANTA OFFICE, 13501 M 33, ATLANTA, MI 49709, no later than 10:00 a.m. (local time) on October 17, 2023. For further information concerning this sale, contact Matt Foster at 989-619-5921 extension.

2. Bidder's Qualifications (10/22)

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. A person must be 18 years of age or older to purchase timber. Permanent employees of the Department of Natural Resources or members of their immediate household may not bid. Former employees, in the permanent or seasonal class, may not bid until 3 months after the last day of active duty. 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. Worker's Compensation (10/22)

Purchaser shall obtain worker's 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. Verification of Worker's Disability Compensation Act Compliance must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. In addition, if applicable, Notice of Exclusion or Certificate of Insurance must also be submitted.

10. Timber Sale Contract (10/22)

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).

11. Disclaimer of Estimates and Bidder's Warranty of Inspection (10/22)

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.

12. Certification and Chain-of-Custody (10/22)

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.

13. Good Neighbor Authority (GNA) Requirements (10/22)

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).

- 14. Good Neighbor Authority (GNA) Requirements, con't (10/22) 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.

Scott Bowen Director

TIMBER SALE INFORMATION

Painted Up Red Pine (54-007-23)

T36N, R03E, SEC. 25; T36N, R03E, SEC. 36; T36N, R04E, SEC. 30. Presque Isle County (Advertised Price \$195,196.85)

SALE NOTE: There is old red paint present within Payment Units 2-5; it is encouraged that the producer utilizes the georeferenced Avenza Map. This sale has good quality timber, access, and operability. There is a snowmobile trail within Payment Units 2-5, and in the vicinity of Payment Unit 1 (see specs 5.2.41 & 6.2.2). Low stumps are required in Payment Units 1-4 (see spec 2.2.3). Slash will be required to be moved from Payment Unit 4 into Payment Unit 5 and piled around oak stumps (see spec 5.2.1.2.6). Soft oak wilt specs are in place due to the proximity to private property as well as oak within the retention islands (see spec 5.2.3.5).

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:

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Black/Red (Hybrid) Oak	289.8	MBF	\$	151.00 / MBF
Red Maple	17.4	MBF	\$	104.00 / MBF
Red Pine	575.3	MBF	\$	145.00 / MBF
White Pine	87.5	MBF	\$	135.00 / MBF
Pulpwood				
B. T. Aspen	92	Cords	\$	29.00 / Cord
Balsam Fir	9	Cords	\$	28.50 / Cord
Black/Red (Hybrid) Oak	662	Cords	\$	33.75 / Cord
Red Maple	112	Cords	\$	29.70 / Cord
Red Pine	502	Cords	\$	43.55 / Cord
White Pine	129	Cords	\$	30.55 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 10.11 percent. There are an estimated 3,650 cords on this timber sale, plus or minus 369 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 \$9,760.00 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:

, ,	5 5
PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	38.7%
02	20.5%
03	11.9%
04	13.6%
05	15.3%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2025.

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 RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
288,381	3,650	10.11%	3,281	4,019

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
3	111,840	1,416	13.78%	1,221	1,611
32	69,077	874	22.34%	679	1,070
39	55,146	698	27.87%	504	893
339	52,318	662	23.46%	507	818
TOTAL:	288,381	3,650		2,910	4,391

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.

TOTAL:	107.1		107.1
		5	16.3
339	20.0	3	3.7
		4	16.6
39	20.5	2	3.9
		3	10.8
32	32.9	2	22.1
3	33.7	1	33.7
VDU	VDU ACRES	PU	PU ACRES

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

R	Black/Red (Hybrid			UNIT	ACRES	ADVERTISE PRICE
V		Sawtimber	48.1	MBF		
	Red Pine		276.9	MBF		
	Vhite Pine		71.4	MBF		
B	3. T. Aspen	Pulpwood	10	Cords		
В	Black/Red (Hybrid		104	Cords		
R	Red Pine		224	Cords		
V	Vhite Pine		94	Cords		
В	Black/Red (Hybrid	Sawtimber	17.3	MBF		
R	Red Pine		178.4	MBF		
V	Vhite Pine		4.9	MBF		
В	3. T. Aspen	Pulpwood	21	Cords		
В	Black/Red (Hybrid		116	Cords		
R	Red Maple		8	Cords		
R	Red Pine		127	Cords		
M	Vhite Pine		7	Cords		
В	Black/Red (Hybrid	Sawtimber	28.9	MBF		
R	Red Pine		85.7	MBF		
V	Vhite Pine		4.0	MBF		
В	3. T. Aspen	Pulpwood	11	Cords		
В	Balsam Fir		2	Cords		
В	Black/Red (Hybrid		78	Cords		
R	Red Pine		62	Cords		
	Vhite Pine		3	Cords		
	Black/Red (Hybrid	Sawtimber	70.1	MBF		
R	Red Pine		27.0	MBF		
В	B. T. Aspen	Pulpwood	30	Cords		
	Black/Red (Hybrid		178	Cords		
	Red Maple		15	Cords		
	Red Pine		60	Cords		
	Vhite Pine		19	Cords		
	Black/Red (Hybrid	Sawtimber	125.4	MBF		
	Red Pine		7.3	MBF		
I -	Vhite Pine		7.2	MBF		
	B. T. Aspen	Pulpwood	20	Cords		
	Balsam Fir		7	Cords		
	Black/Red (Hybrid		186	Cords		
	Red Pine		29	Cords		
	Vhite Pine		6	Cords		
	Red Maple	Pulpwood	70	Cords	33.7	
	Red Maple	Sawtimber	3.3	MBF	26.0	\$39,991.30
	Red Maple	Pulpwood	5	Cords	14.5	\$23,279.15
	Red Maple	Sawtimber	14.1	MBF	16.6	\$26,482.95
5 R	Red Maple	Pulpwood	14	Cords	16.3	\$29,884.95
		TOTAL:	970.0	MBF		
		TOTAL:	1,506	Cords		

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Sale Specific Conditions & Requirements

Sale Name: Painted Up Red Pine Sale Number: 54-007-23 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 blue, red, purple, and yellow paint, or are unmarked and identified by a snowmobile trail or road. Exterior sale boundary lines against private property are marked with blue paint.

For Payment Unit 1, exterior sale boundary lines against state are marked with red paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas.

For Payment Units 2-5, exterior sale boundary lines against state are marked with purple paint, with the exception of the northern boundary of Payment Units 2 & 3, which is unpainted and identified by Cheboygan Plains Rd, and the western boundary of Payment Units 2 & 4, which is unpainted and identified by Friedrick Rd. Interior Payment Unit boundaries are marked with yellow paint, with the exception of the boundaries between Payment Units 2 & 4 and 3 & 5, which are unmarked and designated by a snowmobile trail. Retention patches are marked with purple 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) 1-5, cut all trees that are two (2) inches or more at DBH, except do not cut any red or white pine over 26 inches at DBH.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 1-3 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. Products may be produced as roundwood and forwarded to decking areas in final product length, but the tops must be left intact and skidded to the landing for chipping in order to minimize the amount of residual slash. 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. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. If market conditions limit the practicality of chipping, the producer may skid all remaining topwood out of these Payment Units and scatter in locations approved by the Sale Administrator. If the deadline is not met, damages will be collected determined by the cost to complete this work. The requirement to retain approximately 1/6 to 1/3 of tree tops 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 Unit(s) 1-4, shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 4 & 5, all wood must be removed by whole tree, tree segment, or roundwood operation. No chipping is permitted. In addition, all tops must be removed from Payment Unit 4 and piled around oak stumps within Payment Unit 5.

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.

3.4 - Damaged Timber

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 red and white pine greater than or equal to 26 inches at DBH. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$500 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated 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 chipped, utilized or otherwise removed from the sale.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

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 and landings will only be allowed.

5 - Operations

5.1 - Notification

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

5.2.1.2 - Slash Removal

5.2.1.2.6 - Slash removal, general (7/05)

All slash must be removed from Payment Unit 4 and placed around cut oak stumps in Payment Unit 5. This is in order to facilitate reforestation and protect oak stump sprout regeneration from browsing. Sub-merchantable oak tops/slash are to be placed high and wide centered over harvested oak stumps with the goal of making the slash impenetrable by deer.

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 the Sale Area, 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.

5.2.32 - 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.

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

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

5.2.41 - Snowmobile trail protection (9/11)

LP_99 is a snowmobile trail within the Sale Area 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. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31, unless approved by the Sale Administrator. 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 at the Sale Administrator's approved crossing. 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 20 feet of the snowmobile trail must be cut at ground level.

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

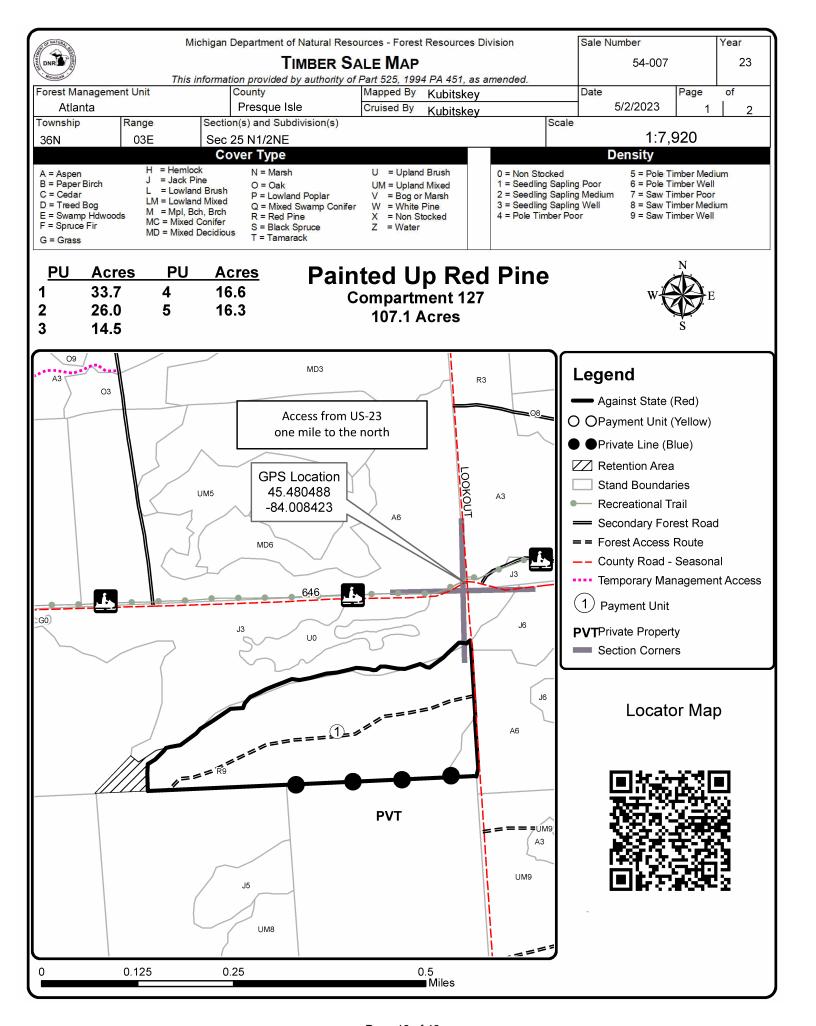
6.2.1 - Road posting (10/20)

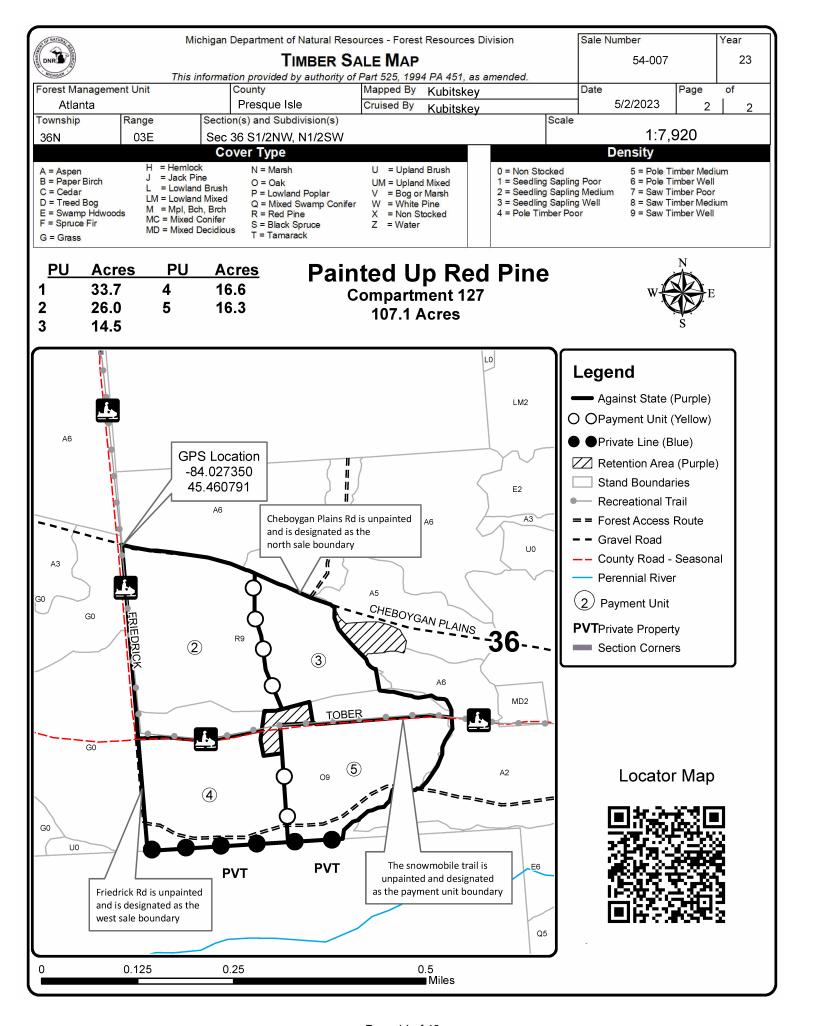
The Purchaser is responsible for posting and maintaining caution signs on Cheboygan Plains Rd and/or Lookout Rd prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations 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 LP_99 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.

Section Name: Sale Specific Current as of 9/13/2023 10:53:08AM





TIMBER SALE INFORMATION

Bummers Roost Red Pine (54-021-23)

T35N, R02E, SEC. 3.

Presque Isle County (Advertised Price \$187,891.15)

SALE NOTE: The sale has variable timber types with some open grown areas. In addition, the sale consists of flat sandy terrain with good access and no restrictions.

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:

PRODUCTS & SPECIES	ESTIMATE	ED UNITS*	ADV	ERTISED PRICE
Sawtimber				
Black/Red (Hybrid) Oak	20.4	MBF	\$	151.00 / MBF
Red Pine	972.9	MBF	\$	145.00 / MBF
Pulpwood				
B. T. Aspen	304	Cords	\$	29.00 / Cord
Balsam Fir	5	Cords	\$	28.50 / Cord
Black/Red (Hybrid) Oak	86	Cords	\$	33.75 / Cord
Jack Pine	32	Cords	\$	12.15 / Cord
Red Maple	7	Cords	\$	29.70 / Cord
Red Pine	712	Cords	\$	43.55 / Cord
White Pine	9	Cords	\$	30.55 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 14.86 percent. There are an estimated 3,358 cords on this timber sale, plus or minus 499 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 \$9,395.00 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:

PERCENT OF TOTAL SALE VALUE
21.9%
20.3%
6.5%
20.9%
30.4%

- 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.

VOL	UME		STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
265,256	3,358	14.86%	2,859	3,857

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 II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	110,974	1,405	20.29%	1,120	1,690
7	27,930	354	48.27%	183	524
17	126,352	1,599	23.80%	1,219	1,980
TOTAL:	265,256	3,358		2,521	4,194

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
1	58.6	1	30.4
		2	28.2
7	8.2	3	8.2
17	56.7	4	23.1
		5	33.6
TOTAL:	123.5		123.5

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
	Black/Red (Hybrid	Sawtimber	1.4	MBF			
	Red Pine		217.1	MBF			
	Black/Red (Hybrid	Pulpwood	19	Cords			
	Jack Pine		17	Cords			
	Red Pine		197	Cords			
	Black/Red (Hybrid	Sawtimber	1.3	MBF			
	Red Pine		201.4	MBF			
	Black/Red (Hybrid	Pulpwood	17	Cords			
	Jack Pine		15	Cords			
	Red Pine		183	Cords			
	Black/Red (Hybrid	Sawtimber	10.0	MBF			
	Red Pine		5.3	MBF			
	Balsam Fir	Pulpwood	5	Cords			
	Black/Red (Hybrid		15	Cords			
	Red Maple		3	Cords			
	Red Pine		4	Cords			
	White Pine		5	Cords			
	Black/Red (Hybrid	Sawtimber	3.1	MBF			
	Red Pine		223.7	MBF			
	Black/Red (Hybrid	Pulpwood	14	Cords			
	Red Pine		134	Cords			
	Black/Red (Hybrid	Sawtimber	4.6	MBF			
	Red Pine		325.4	MBF			
	Black/Red (Hybrid	Pulpwood	21	Cords			
	Red Pine		194	Cords			
	Red Maple	Pulpwood	2	Cords	30.4		
2	Red Maple	Pulpwood	2	Cords	28.2	\$38,184.35	
3	B. T. Aspen	Pulpwood	304	Cords	8.2	\$12,159.30	
	B. T. Aspen	Sawtimber	38.6	MBF			
	B. T. Aspen	Pulpwood	227	Cords			
4	White Pine	Pulpwood	2	Cords	23.1	\$39,273.90	
	White Pine		2	Cords			
5	White Pine	Pulpwood	2	Cords	33.6	\$57,096.15	
	White Pine	-	2	Cords			
		TOTAL:	993.3	MBF			
	TOTAL: 1,155 Cords						

Sale Specific Conditions & Requirements

Sale Name: Bummers Roost Red Pine Sale Number: 54-021-23 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, 2, 4, & 5, cut all trees that are one (1) inch or more at DBH, except do not cut any red or white pine marked with pink paint.

Within Payment Unit(s) 3, cut all trees that are two (2) inches or more at DBH, except do not cut any red or white pine marked with pink paint.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 1, 2, 4, and 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. Products may be produced as roundwood and forwarded to decking areas in final product length, but the tops must be left intact and skidded to the landing for chipping to minimize the amount of residual slash. If market conditions limit the practicality of chipping the following is required: Tops must be cut into lengths 4 feet or less and trees greater than 4 inches at DBH must be cut to a 2-inch top or smaller. Sub-merchantable trees, and hardwood limbs 4 inches or greater where they attach to the stem, are to be cut/reduced to 4-foot lengths. Tops and slash must also be spread evenly across the sale. This is to speed the breakdown of tops and slash. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2). This work must be completed within 30 days of severing stems so follow-up cultivation work doesn't get delayed.

2.2.3 - Stump heights (4/07)

Stump heights within Payment Units 1, 2, 4, & 5, shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

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.

3.4 - Damaged Timber

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

any red or white pine 26 inches or greater. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$500 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. No additional Payment Units can be entered until other Payment Units are considered complete and in compliance with spec 2.2.2. This requirement is to facilitate post-harvest reforestation efforts.

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, chipped, utilized or otherwise removed from the sale.

4.1.6 - Road construction (1/09)

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 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

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 and landings will only be allowed.

5 - Operations

5.1 - Notification

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 within Payment Unit 3 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

5.2.3.6 - 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) 3, leave one 12" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These trees will be evenly scattered throughout the unit, preferably at least one chains from any roads, two-tracks, or trails open to vehicles.

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. Any stumps or slash may be used to close off landings.

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

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

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

The Bummers Roost ORV trail is present within the Sale Area and is shown on the Timber Sale Map. Do not cut or damage posts with ORV markers. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the Sale Administrator. Skidding across the trail will be limited to two or three crossings. This is to reduce impact to the ORV trail system.

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

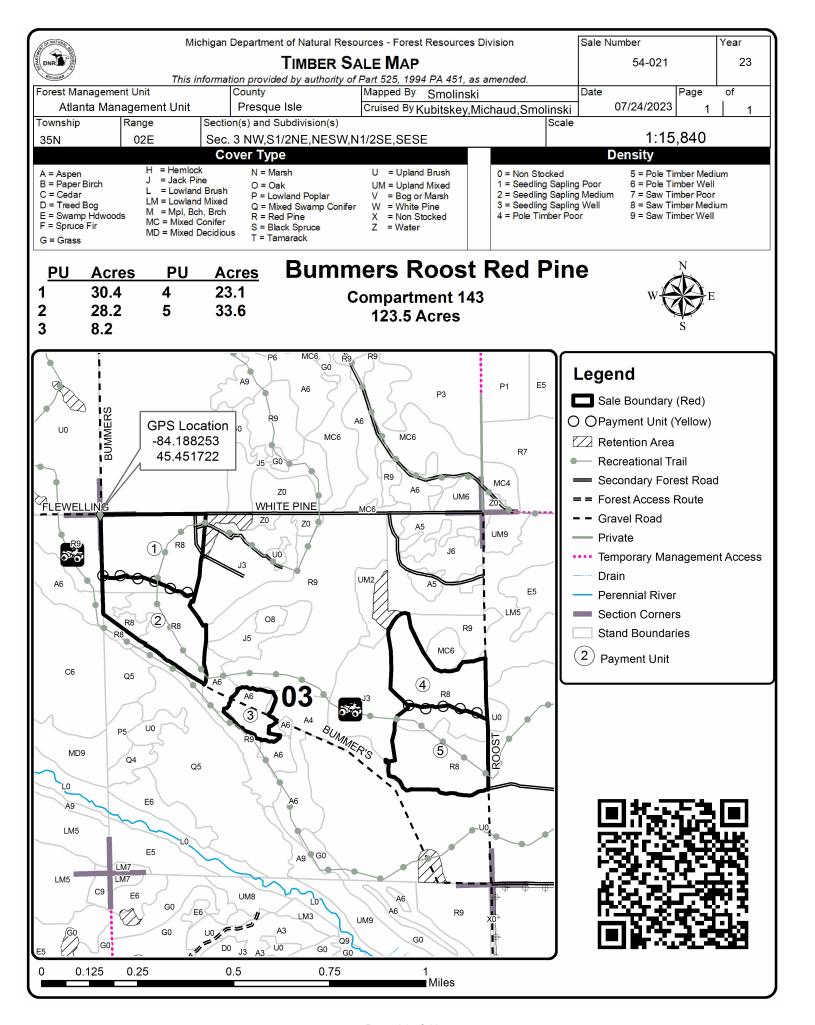
6.2.1 - Road posting (10/20)

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

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Bummers Roost ORV trail prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

Section Name: Sale Specific Current as of 9/13/2023 1:19:43PM



TIMBER SALE INFORMATION

<u>Penance Pine (54-015-22)</u> T33N, R02E, SEC. 1; T33N, R02E, SEC. 12.

Presque Isle County (Advertised Price \$96,694.30)

SALE NOTE: The Purchaser must observe the 2" cutting requirement across all of Payment Unit 3.

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	<u>ESTIMATE</u>	D UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Red Pine	204.5	MBF	\$	145.00 / MBF
White Pine	28.0	MBF	\$	231.00 / MBF
Pulpwood				
Jack Pine	8	Cords	\$	12.15 / Cord
Mixed Aspen	56	Cords	\$	29.00 / Cord
Mixed Hardwood	14	Cords	\$	29.70 / Cord
Mixed Oak	26	Cords	\$	36.75 / Cord
Paper Birch	20	Cords	\$	18.80 / Cord
Red Pine	1,268	Cords	\$	43.55 / Cord
Scotch Pine	8	Cords	\$	14.00 / Cord
White Pine	58	Cords	\$	30.55 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 18.50 percent. There are an estimated 2,000 cords on this timber sale, plus or minus 370 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.

VALUE

BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$4,835.00 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
01	38.3%
02	33.9%
0.3	27.8%

- 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.

VOL	VOLUME STATISTICAL RANGE IN CO			ANGE IN CORDS
TOTAL CUBIC FEET TOTAL CORDS		PERCENT ERROR	MINIMUM MAXIMUM	
158,016	2,000	18.50%	1,630	2,370

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 II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
51	62,125	786	21.12%	620	953
62	53,907	682	16.90%	567	798
72	3,223	41	167.87%	0	109
76	37,882	480	22.12%	373	586
101	880	11	211.10%	0	35
TOTAL:	158,016	2,000		1,561	2,480

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.

\vdash	TOTAL:	48.5	-	48.5
	101	4.3	3	4.3
	76	9.3	3	9.3
	72	3.2	3	3.2
	62	13.0	2	13.0
	51	18.7	1	18.7
	VDU	VDU ACRES	PU	PU ACRES

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
	Red Pine	Pulpwood	598	Cords	18.7	\$37,077.40
	Red Pine	Sawtimber	97.0	MBF	18.7	
	Jack Pine	Pulpwood	8	Cords	18.7	
	Red Pine		359	Cords	13.0	
	Red Pine		311	Cords	16.8	
	Mixed Aspen		56	Cords	18.7	
	Red Pine	Sawtimber	31.4	MBF	13.0	
	Scotch Pine	Pulpwood	8	Cords	16.8	
	Mixed Hardwood		8	Cords	18.7	
	White Pine	Sawtimber	28.0	MBF	13.0	
	White Pine	Pulpwood	58	Cords	16.8	
	Mixed Oak		19	Cords	18.7	
	Mixed Hardwood		6	Cords	13.0	
	Red Pine	Sawtimber	76.1	MBF	18.7	
2	Paper Birch	Pulpwood	20	Cords	13.0	\$32,732.50
	Paper Birch	Sawtimber	1.7	MBF		
	Paper Birch	Pulpwood	17	Cords		
3	Mixed Oak	Pulpwood	7	Cords	16.8	\$26,884.40
	Red Oak	Sawtimber	1.3	MBF		
	Red Oak	Pulpwood	4	Cords		
		TOTAL:	232.5	MBF		
		TOTAL:	1,458	Cords		

Sale Specific Conditions & Requirements

Sale Name: Penance Pine Sale Number: 54-015-22 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 red and yellow paint, or are unmarked and designated by roads. Exterior sale boundary lines against state are marked with red paint, with the exception of the eastern boundary in Payment Unit 3, which is unpainted and identified as Hoffmeyer Road. 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 red painted boundary line trees are not Included Timber and are to be protected, with the exception of Payment Unit 3. 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.

2.1.15 - Hazard trees near roads (11/20)

Cut and remove all standing dead trees within 100 feet of the cleared portion of 6 Mile Highway. These trees must be scattered back into the Sale Area.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

This area 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. Unless other arrangements are made, tops must be chipped within 90 calendar days of severance from the stem to facilitate future planting activities. If chipping is delayed, all tops must be skidded to the landing or a central location within 90 calendar days of felling to facilitate future planting activities. If tops are not skidded to a landing or central location within that time frame, liquidated damages may be assessed for the affected acreage. If market conditions limit the practicality of chipping, a written chipping exemption is possible only in the case the Sale Administrator determines that operational modifications will not inhibit future planting operations. Conditions that satisfy this modification may require

These requirements may change at any time. The requirement to retain approximately 1/6 to 1/3 of tree tops 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 the Sale Area shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) exceeding \$25,000 in value 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.

^{*}trees greater than 4" DBH must be cut to a 2" top or smaller;

^{*}sub-merchantable trees and hardwood limbs 4" or greater where they attach to the stem, must be cut/reduced to 4-foot lengths or smaller, and

^{*}slash must be evenly dispersed throughout the Payment Unit and not be more than 2-feet high.

3.4 - Damaged Timber

3.4.3 - Special Protection Areas (8/11)

The Purchaser shall protect special protection areas from damage by the Purchaser's operations. Special protection areas are marked with a red boundary line. The Purchaser shall not cut live or dead trees within special protection areas. If the Purchaser's operations have cut or damaged special protection areas through carelessness, the Purchaser shall pay \$500 as fixed, agreed and liquidated damages for each acre or part thereof cut or damaged. Such payment does not constitute ownership of the undesignated 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 chipped or otherwise removed from the sale.

4.1.6 - Road construction (1/09)

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. These roads must be rendered impassable to cars and trucks. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Fill material shall consist of cobbles or crushed rock and must not contain clay or organic material.

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 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 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

5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in the maintained wildlife opening which is indicated by "G0" on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

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.

5.2.32 - 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.

5.2.38 - 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)

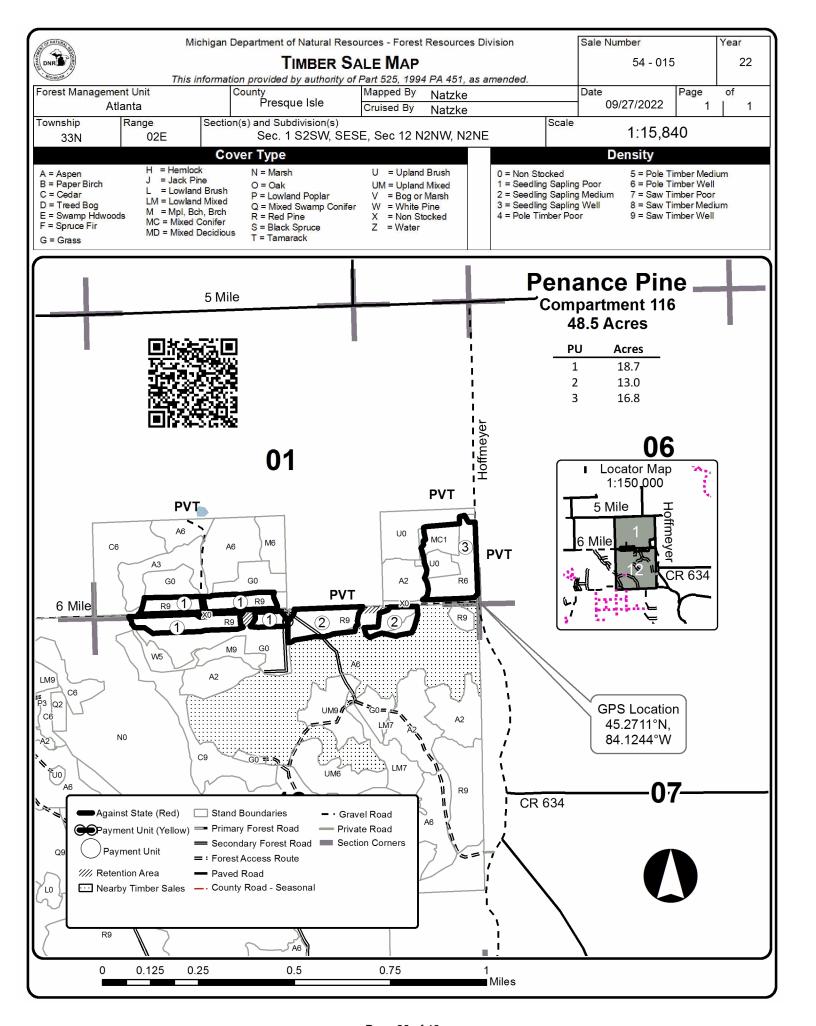
Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With 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.

Section Name: Sale Specific Current as of 8/23/2023 8:41:56AM



TIMBER SALE INFORMATION

Hard Bottom Mix (54-020-22) T36N, R02E, SEC. 27.

Presque Isle County (Advertised Price \$68,286.85)

SALE NOTE: Within Payment Units 1-4, cutting, skidding and hauling are limited to very dry or frozen ground conditions (see spec 5.2.3.1). In order to establish usable/operable access to Payment Units 2 and 3, it is required that Payment Unit 1 be harvested first (see spec 3.6.1). Note that there are some challenging operational conditions and long skidding/hauling distances in Payment Units 1-3. Although lowland conditions are common throughout the Sale Area, there tended to be a cobble and/or hard rock bottom just below the soil substrate.

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. Access may be through private or other public land.

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	D UNITS*	ADV	ERTISED PRICE
Sawtimber				
Mixed Aspen	88.6	MBF	\$	90.00 / MBF
N. White Cedar	125.6	MBF	\$	27.00 / MBF
Red Maple	64.3	MBF	\$	76.00 / MBF
Red Oak	7.3	MBF	\$	152.00 / MBF
Red Pine	77.6	MBF	\$	106.00 / MBF
White Pine	26.7	MBF	\$	170.00 / MBF
Pulpwood				
Balsam Fir	98	Cords	\$	34.15 / Cord
Mixed Aspen	361	Cords	\$	21.30 / Cord
Mixed Hardwood	549	Cords	\$	21.75 / Cord
Mixed Spruce	145	Cords	\$	14.80 / Cord
N. White Cedar	362	Cords	\$	20.65 / Cord
Paper Birch	190	Cords	\$	13.80 / Cord
Red Oak	53	Cords	\$	26.95 / Cord
Red Pine	27	Cords	\$	31.95 / Cord
White Pine	29	Cords	\$	22.40 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 19.61 percent. There are an estimated 2,796 cords on this timber sale, plus or minus 549 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 \$3,414.00 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
01	46.5%
02	7.0%
03	10.5%
04	36.0%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2026.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOL	UME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET TOTAL CORDS		PERCENT ERROR	MINIMUM	MAXIMUM
220,899	2,796	19.61%	2,248	3,345

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 II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
13	118,050	1,494	29.15%	1,059	1,930
24	71,308	903	27.12%	658	1,147
28	9,698	123	85.44%	18	228
35	14,347	182	202.83%	0	550
89	7,496	95	127.80%	0	216
TOTAL:	220,899	2,796		1,734	4,071

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
13	32.9	1	32.9
24	25.3	4	25.3
28	10.7	2	10.7
35	5.1	3	5.1
89	3.5	3	3.5
TOTAL:	77.5		77.5

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
	Mixed Aspen	Sawtimber	65.0	MBF		
	N. White Cedar		108.2	MBF		
	Red Maple		19.5	MBF		
	Red Pine		4.8	MBF		
	White Pine		3.8	MBF		
	Balsam Fir	Pulpwood	39	Cords		
	Mixed Aspen	'	249	Cords		
	Mixed Hardwood		244	Cords		
	Mixed Spruce		48	Cords		
	N. White Cedar		282	Cords		
	Red Oak		15	Cords		
	Red Pine		2	Cords		
	White Pine		13	Cords		
	Red Maple	Sawtimber	0.8	MBF		
	Red Pine	Cawanibei	31.5	MBF		
	Mixed Aspen	Pulpwood	9	Cords		
	Mixed Aspen	ι αιρννουα	11	Cords		
	Red Pine		16	Cords		
	White Pine		4	Cords		
		Soutimbor				
	Mixed Aspen	Sawtimber	8.0	MBF		
	Red Maple		22.1	MBF		
	Red Oak		2.2	MBF		
	Red Pine		1.9	MBF		
	Balsam Fir	Pulpwood	11	Cords		
	Mixed Aspen		34	Cords		
	Mixed Hardwood		95	Cords		
	N. White Cedar		7	Cords		
	Red Oak		8	Cords		
	Red Pine		1	Cords		
	White Pine		5	Cords		
	Mixed Aspen	Sawtimber	11.8	MBF		
	N. White Cedar		17.4	MBF		
	Red Maple		21.9	MBF		
	Red Oak		5.1	MBF		
	Red Pine		39.4	MBF		
	White Pine		22.9	MBF		
	Balsam Fir	Pulpwood	48	Cords		
	Mixed Aspen		69	Cords		
	Mixed Hardwood		199	Cords		
	Mixed Spruce		97	Cords		
	N. White Cedar		73	Cords		
	Red Oak		30	Cords		
	Red Pine		8	Cords		
	White Pine		7	Cords		
	Paper Birch	Pulpwood	79	Cords	32.9	
	Paper Birch		79 79	Cords	32.9	
2	· · · · · · · · · · · · · · · · · · ·	Sawtimber		MBF	10.7	¢4 770 F/
<u> </u>	Mixed Aspen	Sawumber	3.8		10.7	\$4,773.55
	B. T. Aspen	Dulana I	3.8	MBF		A- 4-4 4
3	Paper Birch	Pulpwood	41	Cords	8.6	\$7,171.40
	Paper Birch		41	Cords		
ļ	Paper Birch	Pulpwood	70	Cords	25.3	\$24,607.90
	Paper Birch	Sawtimber	10.6	MBF		
	Paper Birch	Pulpwood	49	Cords	<u> </u>	

		TOTAL:	1,814 Cords
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Sale Specific Conditions & Requirements

Sale Name: Hard Bottom Mix Sale Number: 54-020-22 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. Interior retention islands are marked with red painted 'X's'. Boundary excluded retention areas are shown on the Timber Sale Map. No harvesting may occur within any designated retention area. The red, blue and yellow 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

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

Within Payment Unit(s) 1, 3 & 4, cut all trees that are two (2) inches or more at DBH, with the following exceptions:

- Within Payment Unit 1, do not cut red and white pine that are twenty (20) inches or more at DBH or any hemlock.
- Within Payment Unit 3, do not cut any hemlock, yellow birch, or trees marked with green paint.
- Within Payment Unit 4, do not cut red pine that are twenty-four (24) inches or more at DBH or white pine that are twenty (20) inches or more at DBH. In addition, do not cut any hemlock or trees marked with green paint.

See Sale Condition 3.4.1 - "Damaged Timber" regarding protection of pine, oak and spruce seedlings/saplings in Payment Units 1-4.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

Within Payment Unit(s) 2, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit 2. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

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

Within Payment Unit(s) 1, 3 & 4, chipping of limbs or tops is not permitted in order to protect areas with wet sensitive soils. Limbs and the remaining top must be left on site and scattered.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 & 4 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 allowed for Payment Units 1 & 4.

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 and designated retention areas. 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.

In addition, extreme care should be taken to avoid damage to pine, oak and spruce seedlings and saplings within Payment Units 1-4. As much as possible, harvesting operations should try to go around pockets that are heavy with pine, oak and spruce seedlings/saplings, many of which are 5-20 feet tall. Within the Sale Area, if more than 50% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$250 per acre for all acreage within that specified portion of the Sale Area that was damaged. Seedling and saplings cut cleanly in skid rows for operability will not be counted as damaged timber.

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 the handful of Legacy white and red pine trees located throughout Payment Units 1-4. Legacy trees are longer-lived species that are twenty-six (26) inches or more at DBH, or 150+ years old. In either case they will exhibit some of the following characteristics: presence of hollows and cavities, broken tops/crowns, fire scars, thick plate-like fire-resistant bark and super-canopy crown position. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$500.00 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

3.6.1 - Order of cutting (1/09)

Unless the Purchaser is granted permission through private property, Payment Unit 1 must be harvested first, to establish access to Payment Units 2 and 3.

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.

4.1.6 - 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. Some existing roads may also need to be closed; the Sale Administrator will identify these locations. 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. Stumps from road building and landing construction should be reserved and then used to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Access routes to each Payment Unit already have holes or may develop holes depending on seasonal conditions. The Unit Manager or his/her representative must approve the type of fill material used prior to placement. In general, suitable fill material includes cobble and/or crushed rock.

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads may need to be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

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.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR.

5 - Operations

5.1 - Notification

5.1.6 - Utility R.O.W. (4/19)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for operations.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, Payment Units 1-4 shall be left with slash evenly distributed. Bunched tops within the cutting area that have not been used to construct brush piles (see spec 5.2.4.2) shall be broken up and scattered. 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.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-4, unless changed by written agreement, cutting, skidding, and hauling are limited to very dry or frozen ground conditions. This restriction is because of operationally difficult wet and sensitive soils located throughout areas of Payment Units 1-4.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, 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.

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in Payment Units 1, 3 and 4 must be completed before significant sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration.

5.2.4 - Dead and Down Creation

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

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave evenly scattered, linear (not round) brush piles composed of at least six (6) of the largest available tops on the ground for every two (2) acres within Payment Units 1, 3 and 4. These brush piles can be constructed from the tops of any available tree species. Focus placing some brush piles near or against lowland ground that borders areas of Payment Units 1, 3 and 4. Contact the Sale

Administrator for specific details of design and placement.

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

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

5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over all trees painted with a Pink "D" within Payment Units 1-4. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over. If it becomes impractical or impossible to push over a tree, severing or partially severing the tree is acceptable.

5.2.17 - Timber Mats and Interlocking Composite Mats (5/23)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. Two known locations that might require mats are shown on the Timber Sale Map. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment will be used to document the Purchaser's use of the DNR's mats. Contact the Sale Administrator regarding availability and pick-up. Timber mats are available from various field offices. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the Sale Administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

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.

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

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

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

Bummers Roost ATV Trail is located west of Payment Unit 4 and is shown on the Timber Sale Map. The trail intersects the -likely- haul route that will be used during operations in Payment Unit 4. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 10-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline.

5.2.41 - Snowmobile trail protection (9/11)

Snowmobile Trail 99 is located south of Payment Unit 4 and is shown on the Timber Sale Map. Haul trucks will need to use a portion of the trail once operations begin in Payment Unit 4. 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. Maintain a 10-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. Any 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 are 12 inches or greater in depth and 25 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

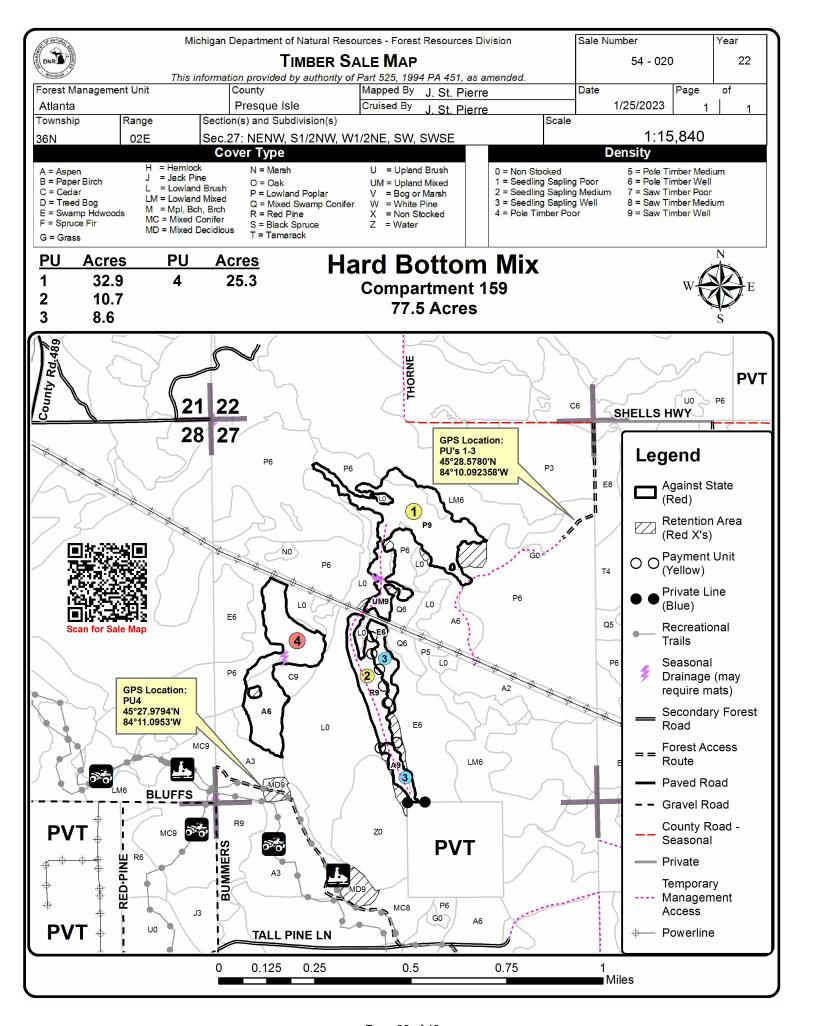
6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on haul 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. The Purchaser will provide these signs.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Snowmobile Trail 99 and Bummers Roost ATV Trail prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

Section Name: Sale Specific Current as of 8/21/2023 3:47:38PM



BID FORM

ATLANTA MANAGEMENT UNIT ATLANTA OFFICE

Hard Bottom Mix (54-020-22) T36N, R02E, SEC. 27; Presque Isle COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on October 17, 2023, 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	ESTIMATED VOLUME*	ADVERTISED PRICE	BID PRICE/UNIT
Mixed Aspen	88.6 MBF	\$ 90.00/MBF	\$
N. White Cedar	125.6 MBF	\$ 27.00/MBF	\$
Red Maple	64.3 MBF	\$ 76.00/MBF	\$
Red Oak	7.3 MBF	\$ 152.00/MBF	\$
Red Pine	77.6 MBF	\$ 106.00/MBF	\$
White Pine	26.7 MBF	\$ 170.00/MBF	\$
Pulpwood			
Balsam Fir	98 Cords	\$ 34.15/Cord	\$
Mixed Aspen	361 Cords	\$ 21.30/Cord	\$
Mixed Hardwood	549 Cords	\$ 21.75/Cord	\$
Mixed Spruce	145 Cords	\$ 14.80/Cord	\$
N. White Cedar	362 Cords	\$ 20.65/Cord	\$
Paper Birch	190 Cords	\$ 13.80/Cord	\$
Red Oak	53 Cords	\$ 26.95/Cord	\$
Red Pine	27 Cords	\$ 31.95/Cord	\$
White Pine	29 Cords	\$ 22.40/Cord	\$

^{*}The volumes are statistically estimated within plus (+) or minus (-) 19.61 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:				
- AVAILA	ABLE, PLEASE PLACE THE PERSOI	NALIZED LABEL FROM	YOUR PROSPECTUS IN TH	HE ABOVE BOX.			
ndividual or company representative's signature: Date:					_		
Phone number : Email (optional):					_		

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



Michigan Department of Natural Resources Forest Resources Division

TIMBER SALE **VERIFICATION OF WORKER'S DISABILITY** COMPENSATION ACT COMPLIANCE

FOR DEPARTMENT USE ONLY
Sale Number (XX – XXX – XX – XX)
Forest Management Unit:

As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 5 of Act 451 of 1994, as amended.

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- 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, it boxes 2B or 2C are checked, then Notice of E twenty-one (21) days of the contract award and prior to the is 	suance of the timber sale contract.
•	All Information must be typed or printed except for written significant.	gnatures.
Ple	Please Check Appropriate Categories:	
1.	 My business is organized as (you must check one of the book. Sole Proprietorship (individual) Partnership Corporation 	oxes below):
2.	 You must check <u>one</u> of the boxes below: A. I certify my business is a sole proprietorship and it has no e 	mployees but the sole proprietor. I am not subject to the
	Worker's Compensation Laws. B. I certify my business has satisfied its o bligation to the Work	er's Compensation Act through the use of an approved Notice of e Notice of Exclusion within 21 days of the contract award. (For
	C. I certify my business has a Worker's Compensation Policy. one (21) days of the contract award.	I will provide an original Certificate of Insurance within twenty-
3.	 If you have checked item 2(A) or 2(B), you must indicate than yourself, including family members and active partners 	the number of both full-time and part-time employees, other is (if none, you must enter "0").
	Full-time Employees	Part-time Employees
Nan	Name of Business	Federal ID (or) Social Security No.
Add	Address	Telephone ()
City	City State .	ZIP
	hereby certify that the above information is true and correct. In factors affecting my coverage during any of my present and fu	
•	Signature of Owner or Authorized Representative	
=	Title	Date

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

BID FORM

ATLANTA MANAGEMENT UNIT
ATLANTA OFFICE

Painted Up Red Pine (54-007-23)

T36N, R03E, SEC. 25; T36N, R03E, SEC. 36; T36N, R04E, SEC. 30; Presque Isle

In response to the notice of sale to be held 10:00 a.m. (local time) on October 17, 2023, 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	ESTIMATED	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Sawtimber					
Black/Red (Hybrid) Oak	289.8	MBF	\$	151.00/MBF	\$
Red Maple	17.4	MBF	\$	104.00/MBF	\$
Red Pine	575.3	MBF	\$	145.00/MBF	\$
White Pine	87.5	MBF	\$	135.00/MBF	\$
Pulpwood					
B. T. Aspen	92	Cords	\$	29.00/Cord	\$
Balsam Fir	9	Cords	\$	28.50/Cord	\$
Black/Red (Hybrid) Oak	662	Cords	\$	33.75/Cord	\$
Red Maple	112	Cords	\$	29.70/Cord	\$
Red Pine	502	Cords	\$	43.55/Cord	\$
White Pine	129	Cords	\$	30.55/Cord	\$
ı					

*The volumes are statistically estimated within plus (+) or minus (-) 10.11 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 SEC	CURITY NUMBER:	
	Company or individual bidding:			
	Company representative's name:			
	Address:			
	City:	State:	Zip:	
IF AVAILA	ABLE, PLEASE PLACE THE PERSO	NALIZED LABEL FRO	M YOUR PROSPECTUS IN T	HE ABOVE BOX.
Individual	or company representative's signatu	re:		Date:
Phone nu	mber :	Email	(optional):	

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



Michigan Department of Natural Resources Forest Resources Division

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

FOR DEPARTMENT USE ONLY
Sale Number (XX – XXX – XX – XX)
Forest Management Unit:

As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 5 of Act 451 of 1994, as amended.

1. My business is organized as (you **must** check <u>one</u> of the boxes below):

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE 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:

	A. ☐ Sole Proprietorship (individual)	
	B. Partnership	
	C. Corporation	
2.	2. You must check <u>one</u> of the boxes below:	
	 A. I certify my business is a sole proprietorship and it has no en Worker's Compensation Laws. 	nployees but the sole proprietor. I am not subject to the
	B. I certify my business has satisfied its o bligation to the Worke Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the questions or a copy of the BWC-337, please call the Worker	Notice of Exclusion within 21 days of the contract award. (For
	C. I certify my business has a Worker's Compensation Policy. I one (21) days of the contract award.	will provide an original Certificate of Insurance within twenty-
3.	3. If you have checked item 2(A) or 2(B), you must indicate t than yourself, including family members and active partners	
	Full-time Employees	Part-time Employees
Nan	Name of Business	ederal ID (or) Social Security No.
		3.00.00.00
Add	Address T	elephone)
City	City State Z	IP
	I hereby certify that the above information is true and correct. I a in factors affecting my coverage during any of my present and fu	
5	Signature of Owner or Authorized Representative	
7	Title	Date

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

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

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

FEDERAL ID:

BID FORM

ATLANTA MANAGEMENT UNIT
ATLANTA OFFICE

<u>Bummers Roost Red Pine (54-021-23)</u> T35N, R02E, SEC. 3; Presque Isle COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on October 17, 2023, 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	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UN	IT
Sawtimber						
Black/Red (Hybrid) Oak	20.4	MBF	\$	151.00/MBF	\$	
Red Pine	972.9	MBF	\$	145.00/MBF	\$	
Pulpwood						
B. T. Aspen	304	Cords	\$	29.00/Cord	\$	
Balsam Fir	5	Cords	\$	28.50/Cord	\$	
Black/Red (Hybrid) Oak	86	Cords	\$	33.75/Cord	\$	
Jack Pine	32	Cords	\$	12.15/Cord	\$	
Red Maple	7	Cords	\$	29.70/Cord	\$	
Red Pine	712	Cords	\$	43.55/Cord	\$	
White Pine	9	Cords	\$	30.55/Cord	\$	

*The volumes are statistically estimated within plus (+) or minus (-) 14.86 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.

	Company or individual bidding:			
	Company representative's name:			
	Address:			
	City:	State:	Zip:	
F AVAILA	ABLE, PLEASE PLACE THE PERSON	NALIZED LABEL FROM	// YOUR PROSPECTUS IN T	HE ABOVE BOX.
ndividual	or company representative's signature	re:		Date:
Phone number : Email (optional):				

or SOCIAL SECURITY NUMBER:

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



Michigan Department of Natural Resources Forest Resources Division

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

FOR DEPARTMENT USE ONLY
Sale Number (XX – XXX – XX – XX)
Forest Management Unit:

As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 5 of Act 451 of 1994, as amended.

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

 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.				
Ple	ease Check Appropriate Categories:				
1.	My business is organized as (you must check <u>one</u> of the A. ☐ Sole Proprietorship (individual) B. ☐ Partnership C. ☐ Corporation	e boxes below):			
2.	You must check <u>one</u> of the boxes below: A. I certify my business is a sole proprietorship and it has n	no amployage but the sole proprietor. I am not subject to the			
	Worker's Compensation Laws. B. I certify my business has satisfied its o bligation to the W	/orker's Compensation Act through the use of an approved Notice of of the Notice of Exclusion within 21 days of the contract award. (For			
	C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.				
3.	If you have checked item 2(A) or 2(B), you must indicathan yourself, including family members and active partr	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			
lam	ne of Business	Federal ID (or) Social Security No.			
Addr	ress	Telephone ()			
City	State	ZIP			
	ereby certify that the above information is true and correct actors affecting my coverage during any of my present an	t. I agree to notify the Michigan DNR of any changes that occur ad future operations.			
S	Signature of Owner or Authorized Representative				
Ti	Fitle	Date			

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

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

BID FORM

ATLANTA MANAGEMENT UNIT
ATLANTA OFFICE

Penance Pine (54-015-22)

T33N, R02E, SEC. 1; T33N, R02E, SEC. 12; Presque Isle COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on October 17, 2023, 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	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Sawtimber Red Pine	204.5	MDE	ф	145.00/MBF	\$
Red Fille	204.5	IVIDE	\$	143.00/MBF	Φ
White Pine	28.0	MBF	\$	231.00/MBF	\$
Pulpwood					
Jack Pine	8	Cords	\$	12.15/Cord	\$
Mixed Aspen	56	Cords	\$	29.00/Cord	\$
Mixed Hardwood	14	Cords	\$	29.70/Cord	\$
Mixed Oak	26	Cords	\$	36.75/Cord	\$
Paper Birch	20	Cords	\$	18.80/Cord	\$
Red Pine	1,268	Cords	\$	43.55/Cord	\$
Scotch Pine	8	Cords	\$	14.00/Cord	\$
White Pine	58	Cords	\$	30.55/Cord	\$

^{*}The volumes are statistically estimated within plus (+) or minus (-) 18.50 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 SOC	CIAL SECURITY NUMBER	: <u></u>	
	Company or individua	al 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: Date:					
Phone number : Email (optional):					

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



Michigan Department of Natural Resources Forest Resources Division

TIMBER SALE **VERIFICATION OF WORKER'S DISABILITY** COMPENSATION ACT COMPLIANCE

FOR DEPARTMENT USE ONLY
Sale Number (XX – XXX – XX – XX)
Forest Management Unit:

As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 5 of Act 451 of 1994, as amended.

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- 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.				
Ple	lease Check Appropriate Categories:				
1.	My business is organized as (you must check <u>one</u> of the boxes below): A. □ Sole Proprietorship (individual) B. □ Partnership C. □ Corporation				
2.	You must check <u>one</u> of the boxes below:				
	A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.				
	B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).				
	C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.				
3.	 If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time employees, oth than yourself, including family members and active partners (if none, you must enter "0"). 				
	Full-time Employees	Part-time Employees			
Nam	me of Business	Federal ID (or) Social Security No.			
Add	dress	Telephone ()			
City	y State	ZIP			
in fa _	factors affecting my coverage during any of my present	ect. I agree to notify the Michigan DNR of any changes that occur and future operations.			
S	Signature of Owner or Authorized Representative				
Ī	Title	Date			

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

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