

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7425

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on May 23, 2024.

LOCATION: PIGEON RIVER COUNTRY MGMT UNIT, PO BOX 456, 9966 TWIN LAKES ROAD, VANDERBILT, MI 49795.

<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, PIGEON RIVER COUNTRY MANAGEMENT UNIT, for certain timber on the following described lands:

<u>Line 5 Hardwoods</u> (53-007-23) / T32N, R02W, SEC. 13, NWSE,S1/2SE.

T32N, R02W, SEC. 24, NWNE,S1/2SE.

Otsego County, Advertised Price \$20,111.80, 67.4 Acres, Hardwood, Red Oak.

<u>Grass Lake Mix</u> (53-016-23) / T32N, R01W, SEC. 5, W1/2NE,NWSE,S1/2SE.
Otsego County, Advertised Price \$45,581.75, 31.3 Acres, Aspen, Red Pine.

SALE NOTE: Please note chipping requirements (2.2.2), operating restrictions (5.2.3.1), and equipment requirements (5.2.18).

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.

<u>Jurassic Bark</u> (53-027-23) / T31N, R01W, SEC. 1, E1/2SW,SE. T31N, R01W, SEC. 12, NWNE.

Otsego County, Advertised Price \$14,758.35, 44.9 Acres, Aspen, Jack Pine.

SALE NOTE: See Pathway Protection spec and harvesting during snow free conditions.

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.

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

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

Bids must be received by the Unit Manager, PIGEON RIVER COUNTRY OFFICE, PO Box 456 9966 Twin Lakes Road, Vanderbilt, MI 49795, no later than 9:00 a.m. (local time) on May 23, 2024. For further information concerning this sale, contact Mark Monroe at 989-983-4101 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

<u>Line 5 Hardwoods (53-007-23)</u> T32N, R02W, SEC. 13; T32N, R02W, SEC. 24. Otsego County (Advertised Price \$20,111.80)

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				
Basswood	23.2	MBF	\$	67.00 / MBF
Beech	7.2	MBF	\$	95.00 / MBF
Red Maple	3.7	MBF	\$	48.00 / MBF
Red Oak	33.9	MBF	\$	72.00 / MBF
Sugar Maple	18.9	MBF	\$	268.00 / MBF
Pulpwood				
B. T. Aspen	12	Cords	\$	20.15 / Cord
Basswood	85	Cords	\$	11.95 / Cord
Mixed Hardwood	500	Cords	\$	15.30 / Cord
Red Oak	30	Cords	\$	33.75 / Cord
White Pine	13	Cords	\$	20.75 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 20.73 percent. There are an estimated 876 cords on this timber sale, plus or minus 182 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 \$2,011.00 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 VALU
01	32.6%
02	32.8%
03	34.6%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2027.

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 RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
69,209	876	20.73%	694	1,058

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
135	22,480	285	41.03%	168	401
140	25,522	323	29.92%	226	420
151	21,207	268	35.59%	173	364
TOTAL:	69,209	876		567	1,185

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 135	VDU ACRES 12.8	PU 2	PU ACRES 12.8
140	24.7	3	24.7
151	29.9	1	29.9
TOTAL:	67.4		67.4

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	16.9	MBF	29.9	\$6,558.30
	Sugar Maple		9.4	MBF		
	Basswood	Pulpwood	64	Cords		
	Mixed Hardwood		140	Cords		
	Beech		11	Cords		
	Ironwood		2	Cords		
	Sugar Maple		127	Cords		
2	Red Maple	Sawtimber	3.7	MBF	12.8	\$6,594.65
	Red Oak		33.9	MBF		
	Sugar Maple		1.5	MBF		
	B. T. Aspen	Pulpwood	12	Cords		
	B. T. Aspen	Sawtimber	1.8	MBF		
	B. T. Aspen	Pulpwood	8	Cords		
	Mixed Hardwood		134	Cords		
	Beech		23	Cords		
	Red Maple		105	Cords		
	Sugar Maple		6	Cords		
	Red Oak		30	Cords		
	White Pine		13	Cords		
3	Basswood	Sawtimber	6.3	MBF	24.7	\$6,958.85
	Beech		7.2	MBF		
	Sugar Maple		8.0	MBF		
	Basswood	Pulpwood	21	Cords		
	Mixed Hardwood		226	Cords		
	Beech		184	Cords		
	Red Maple		5	Cords		
	Sugar Maple		37	Cords		
		TOTAL:	86.9	MBF		
		TOTAL:	640	Cords		

Sale Specific Conditions & Requirements

Sale Name: Line 5 Hardwoods Sale Number: 53-007-23 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary is marked and identified by blue and red paint, along with a pipeline. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. The only Interior Payment Unit boundary, between Payment Units 2 & 3, is unpainted and represented by a pipeline. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1 & 3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, cut all beech trees, except for those marked with green paint.

2.1.7 - Leave tree marked unit(s) (6/14)

Within Payment Unit(s) 2, cut all trees that are one (1) inch or more at DBH, except do not cut paper birch or any trees marked with green paint above and below stump height.

2.1.11 - Description of timber note (2/04)

Note that all beech, alive and dead, were cruised. The only exception is that any beech tree with a main bole that has been snapped off was not cruised.

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 Units 1-3. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 10% 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 oak saplings in Payment Units 1 & 3.

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.

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.

4.1.4 - Timber removed for construction (3/23)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate

from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at contract prices or average prices, if not on the contract.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing double earthen berms at strategic locations. These roads must be rendered impassable to cars and trucks. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.5 - 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

4.4.3 - Access gate (12/08)

The access gate must be locked at the completion of each day, unless otherwise approved by the Unit Manager or his/her representative.

5 - Operations

5.1 - Notification

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact Eric Wegner with Enbridge at 989-667-2510 or eric.wegner@enbridge.com. Written permission is required before harvest operations begin and must be submitted to the Unit Manager. The pipeline may only be crossed at certain locations as designated by Enbridge personnel. These crossings will be discussed at the pre-sale meeting.

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 R.O.W. for operations. The powerline R.O.W borders the southern edge of Payment Unit 1.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.10 - No slash in openings (5/10)

No logging activities are permitted in the wildlife opening on the eastern side of Payment Unit 1, which is indicated by "G0" on the Timber Sale Map. The open state forest road which traverses through the opening may be used for hauling purposes, but that is the extent of permitted activities. No equipment will be permitted to operate outside of this road due to potential historic sites located within the opening. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, the Sale Area shall be left with slash evenly distributed. Bunched tops within the cutting area 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

5.2.3.3 - Bark slippage restriction (3/09)

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

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Units 2-3, 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. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

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

Timber mats are required to cross the pipeline between Payment Units 2 & 3. The pipeline and Payment Unit locations 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.

5.4 - 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 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.

5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

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.

7 - Other Conditions

7.2 - Extensions

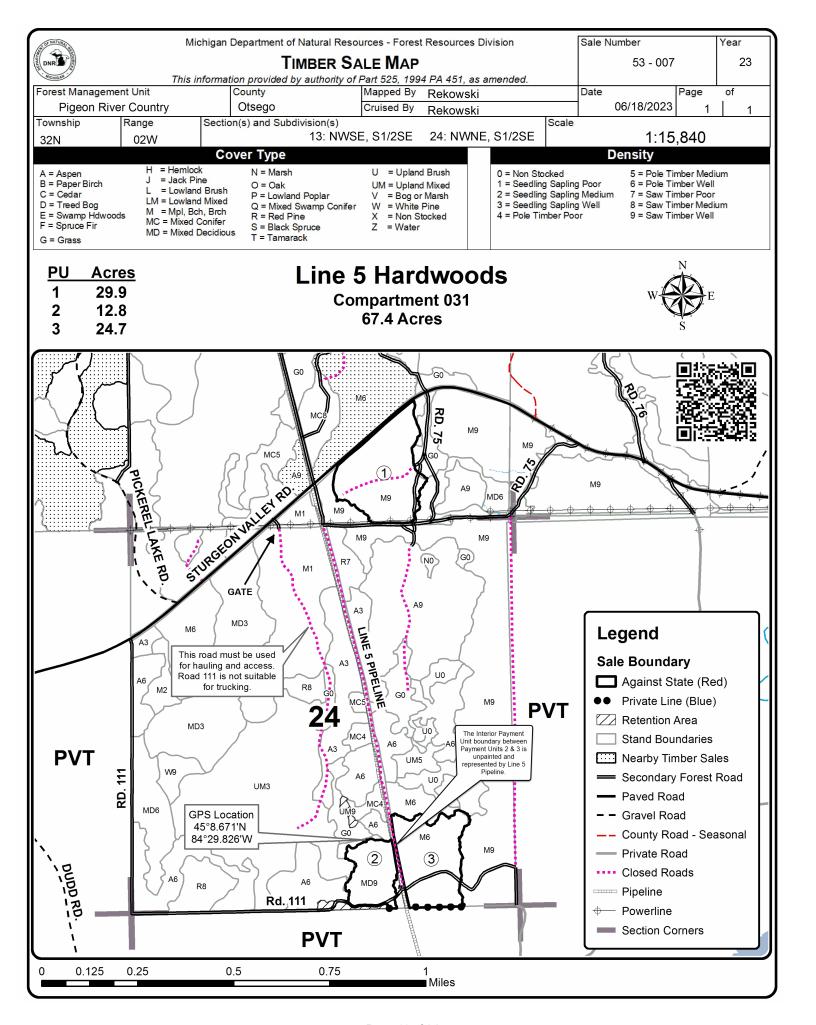
7.2.3 - Salvage extension (6/13)

This is a salvage sale with a short contract length. The sale must be harvested promptly. One (1), twelve (12) month extension can be applied to one (1) other State Forest Timber Sale Contract owned by the purchaser or owned by one (1) designated sub-contractor of the Purchaser that works this contract. To qualify, the contract expiration date of the contract to be extended must be within twelve (12) months from the issue date of this contract. If this is the first extension on the other State Forest Timber Sale Contract, then the 5% extension fee will be waived. If this is an additional extension, the 10% fee will be reduced to 5%. The salvage extension must be used before this contract is closed-out. This specification does not alleviate the purchaser from any contractual obligations of the extended State Forest Timber Sale Contract. Per General Condition & Requirement 7.2, extensions are at the sole discretion of the DNR.

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from beech bark disease. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.

Section Name: Sale Specific Current as of 4/4/2024 5:34:57PM



TIMBER SALE INFORMATION

Grass Lake Mix (53-016-23) T32N, R01W, SEC. 5.

Otsego County (Advertised Price \$45,581.75)

SALE NOTE: Please note chipping requirements (2.2.2), operating restrictions (5.2.3.1), and equipment requirements (5.2.18).

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				
Mixed Aspen	51.5	MBF	\$	46.00 / MBF
Red Maple	11.3	MBF	\$	48.00 / MBF
Red Oak	18.6	MBF	\$	72.00 / MBF
Red Pine	152.8	MBF	\$	121.00 / MBF
White Pine	14.9	MBF	\$	100.00 / MBF
Pulpwood				
Balsam Fir	11	Cords	\$	24.20 / Cord
Jack Pine	15	Cords	\$	11.45 / Cord
Mixed Aspen	595	Cords	\$	20.15 / Cord
Mixed Hardwood	159	Cords	\$	15.30 / Cord
Red Oak	9	Cords	\$	33.75 / Cord
Red Pine	116	Cords	\$	48.70 / Cord
White Pine	26	Cords	\$	20.75 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 16.05 percent. There are an estimated 1,508 cords on this timber sale, plus or minus 242 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 \$4,558.00 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	33.5%
02	43.4%
03	5.1%
04	6.9%
05	11.1%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2027.

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 RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
119,152	1,508	16.05%	1,266	1,750

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
44	11,097	140	58.32%	59	222
52	7,371	93	107.25%	0	193
56	9,109	115	28.15%	83	148
64	81,474	1,031	19.95%	826	1,237
65	10,101	128	449.24%	0	702
TOTAL:	119,152	1,508		967	2,503

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
44	3.4	5	3.4
52	2.9	5	2.9
56	3.4	3	3.4
64	20.0	1	8.7
		2	11.3
65	1.6	4	1.6
TOTAL:	31.3		31.3

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Sawtimber	10.8	MBF	8.7	\$15,289.80
	B. T. Aspen		9.8	MBF		
	Quaking Aspen		1.0	MBF		
	Red Maple		3.6	MBF		
	Red Oak		3.7	MBF		
	Red Pine		62.3	MBF		
	White Pine		5.1	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Jack Pine	'	7	Cords		
	Mixed Aspen		158	Cords		
	B. T. Aspen		150	Cords		
	Quaking Aspen		8	Cords		
	Mixed Hardwood		31	Cords		
	Red Maple		30	Cords		
	Sugar Maple		1	Cords		
	Red Oak		2	Cords		
	Red Pine		47	Cords		
	White Pine	0	9	Cords	44.0	* 40 7 00 -
2	Mixed Aspen	Sawtimber	14.1	MBF	11.3	\$19,786.75
	B. T. Aspen		12.7	MBF		
	Quaking Aspen		1.4	MBF		
	Red Maple		4.7	MBF		
	Red Oak		4.8	MBF		
	Red Pine		81.0	MBF		
	White Pine		6.6	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Jack Pine		8	Cords		
	Mixed Aspen		205	Cords		
	B. T. Aspen		195	Cords		
	Quaking Aspen		10	Cords		
	Mixed Hardwood		39	Cords		
	Red Maple		38	Cords		
	Sugar Maple		1	Cords		
	Red Oak		2	Cords		
	Red Pine		60	Cords		
	White Pine		12	Cords		
3	Mixed Aspen	Sawtimber	4.5	MBF	3.4	\$2,331.40
	B. T. Aspen		4.5	MBF		
	Red Maple		1.2	MBF		
	Red Pine		1.9	MBF		
	Balsam Fir	Pulpwood	6	Cords		
	Mixed Aspen		58	Cords		
	B. T. Aspen		26	Cords		
	Quaking Aspen		32	Cords		
	Mixed Hardwood		31	Cords		
	Paper Birch		5	Cords		
	Red Maple		22	Cords		
	Sugar Maple		4	Cords		
4	Red Pine	Canadian In a m	1 12.7	Cords	4.0	#0.407.00
4	Mixed Aspen	Sawtimber	13.7	MBF	1.6	\$3,127.60
	B. T. Aspen		11.1	MBF		
	Quaking Aspen		2.6	MBF		
	Red Maple		1.8	MBF		
	Red Pine		5.2	MBF		
		I D I I	J 70	Cords	I	
	Mixed Aspen <i>B. T. Aspen</i>	Pulpwood	78 63	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Quaking Aspen	Pulpwood	15	Cords		
	Mixed Hardwood		1	Cords		
	Red Maple		1	Cords		
	Red Pine		4	Cords		
5	Mixed Aspen	Sawtimber	8.4	MBF	6.3	\$5,046.20
	B. T. Aspen		8.4	MBF		
	Red Oak		10.1	MBF		
	Red Pine		2.4	MBF		
	White Pine		3.2	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Aspen		96	Cords		
	B. T. Aspen		53	Cords		
	Quaking Aspen		43	Cords		
	Mixed Hardwood		57	Cords		
	Red Maple		57	Cords		
	Red Oak		5	Cords		
	Red Pine		4	Cords		
	White Pine		5	Cords		
		TOTAL:	249.1	MBF		
		TOTAL:	931	Cords		

Sale Specific Conditions & Requirements

Sale Name: Grass Lake Mix Sale Number: 53-016-23 Seg#: 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. Red and yellow painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) #'s 3-5, cut all trees that are two (2) inches or more at DBH except do not cut green painted trees. In addition, in Payment Unit #3 do not cut any white pine. In Payment Unit #4 do not cut any oak.

2.1.7 - Leave tree marked unit(s) (6/14)

Within Payment Unit(s) #'s 1-2, cut all trees that are two (2) inches or more at DBH except do not cut paper birch and trees marked with green paint above and below stump height.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Unit #'s 1-2 must be chip harvested. 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 and maximize the amount of ground scarification. 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).

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. No damage is acceptable to undesignated live merchantable trees. Within the sale area, if more than 10% of designated leave 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 white pine and oak saplings less than four (4) inches DBH in Payment Unit #5, and any oak or spruce saplings less than four (4) inches DBH that are marked with green paint in Payment Unit #'s 1-2.

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. In addition, all chipping must be completed during the designated time period.

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.

4.1.4 - Timber removed for construction (3/23)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at contract prices or average prices, if not on the contract.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing double earthen berms at strategic locations. These roads must be rendered impassable to cars and trucks. Contact the sale administrator for specific details of design and placement.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

5 - Operations

5.2 - Conduct of Operations

5.2.2 - Hazard Trees/Snags

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) #'s 1-2 cutting, skidding, chipping, and hauling are limited to the period of July 15 to November 1. This restriction is in place to avoid the oak wilt period and maximize soil scarification during the time period of optimal red pine seed production. No exceptions will be granted to this time period.

5.2.4 - Dead and Down Creation

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 marked with an orange "X". 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.

5.2.18 - Equipment requirements (1/09)

Within Payment Unit #'s 1-2, all trees and/or tops must be dragged to the landing with a grapple skidder.

5.2.29 - Shrub protection (1/20)

Do not cut or damage black cherry greater than 5 inches DBH. These woody-shrub plants are highly beneficial to various wildlife species.

5.2.31 - Landing locations (9/13)

The recommended landing area for Payment Unit #'s 1-4 is marked on the timber sale map with the letters "LD". Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative. A new road will be required to reach this landing area and will be flagged in by the timber sale administrator.

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.

5.2.40 - Pathway protection (10/10)

The High Country Pathway is a hiking trail and is shown on the Timber Sale Map, passing through Payment Unit #'s 4 and 5. Do not cut trees or damage posts with blue pathway markers. Do not run equipment down the pathway. Skidding across the trail may only occur in one location in each Payment Unit, as approved by the sale administrator.

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 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

5.8.3 - Red shoulder hawk or goshawk (1) (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15 (NLP). Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

6 - Safety and Fire Prevention

6.2 - Signing

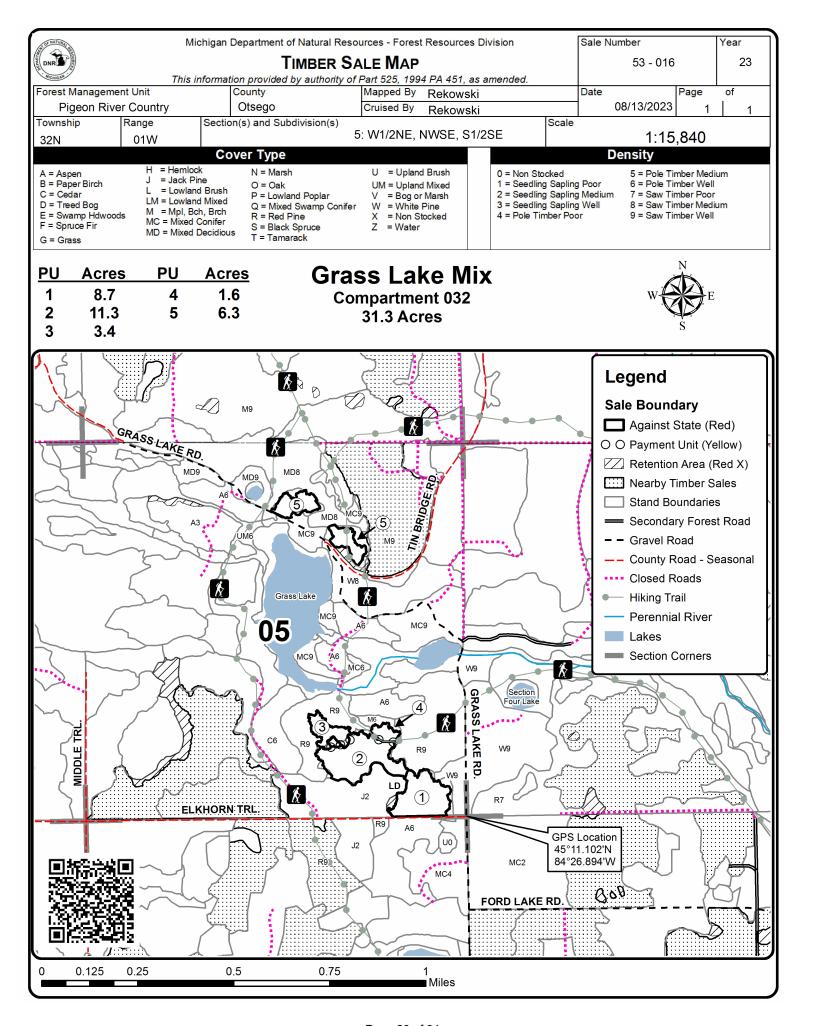
6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Grass Lake Road prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the High Country Pathway 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 8/11/2023 5:29:42PM



TIMBER SALE INFORMATION

Jurassic Bark (53-027-23)
T31N, R01W, SEC. 1; T31N, R01W, SEC. 12.
Otsego County (Advertised Price \$14,758.35)

SALE NOTE: See Pathway Protection spec and harvesting during snow free conditions.

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>adve</u>	ERTISED PRICE
Sawtimber				
Jack Pine	30.6	MBF	\$	32.00 / MBF
Mixed Aspen	39.9	MBF	\$	46.00 / MBF
Pulpwood				
Balsam Fir	18	Cords	\$	24.20 / Cord
Jack Pine	237	Cords	\$	11.45 / Cord
Mixed Aspen	314	Cords	\$	20.15 / Cord
Red Maple	12	Cords	\$	15.30 / Cord
Red Pine	29	Cords	\$	48.70 / Cord
White Pine	42	Cords	\$	20.75 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 34.24 percent. There are an estimated 818 cords on this timber sale, plus or minus 280 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 \$1,476.00 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 47.6%
02 52.4%

- 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 RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
64,633	818	34.24%	538	1,098

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.

	VOL	JME		RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
31	5,491	70	29.88%	49	90
49	21,082	267	44.37%	148	385
51	3,742	47	119.26%	0	104
53	24,928	316	28.24%	226	405
61	9,390	119	57.16%	51	187
TOTAL:	64,633	818		475	1,171

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:	44.9		44.9
61	4.1	2	4.1
53	22.5	1	22.5
51	2.7	1	2.7
49	10.7	2	10.7
31	4.9	1	4.9
VDU	VDU ACRES	PU	PU ACRES

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Jack Pine	Sawtimber	30.6	MBF	30.1	\$7,024.30
	Mixed Aspen		5.4	MBF		
	Quaking Aspen		5.4	MBF		
	Jack Pine	Pulpwood	228	Cords		
	Mixed Aspen		75	Cords		
	Quaking Aspen		75	Cords		
	Red Pine		28	Cords		
	Red Pine	Sawtimber	2.6	MBF		
	Red Pine	Pulpwood	23	Cords		
	White Pine		15	Cords		
	White Pine	Sawtimber	0.6	MBF		
	White Pine	Pulpwood	14	Cords		
2	Mixed Aspen	Sawtimber	34.5	MBF	14.8	\$7,685.35
	B. T. Aspen		30.4	MBF		
	Quaking Aspen		4.1	MBF		
	Balsam Fir	Pulpwood	18	Cords		
	Balsam Fir	Sawtimber	0.3	MBF		
	Balsam Fir	Pulpwood	17	Cords		
	Jack Pine		9	Cords		
	Mixed Aspen		239	Cords		
	B. T. Aspen		145	Cords		
	Quaking Aspen		94	Cords		
	Red Maple		12	Cords		
	White Pine		27	Cords		
	White Pine		2.1	MBF		
	White Pine	Pulpwood	23	Cords		
		TOTAL:	70.5	MBF		
		TOTAL:	651	Cords		

Sale Specific Conditions & Requirements

Sale Name: Jurassic Bark Sale Number: 53-027-23 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 and yellow paint. Exterior sale boundary lines against private property are marked with blue and red 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 painted X's; no harvesting activities may occur within these areas. The red and/or blue painted boundary line trees are not Included Timber. 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 and 2, cut all trees that are two (2) inches or more at DBH. In payment unit 1, do not cut any trees marked with green paint above and below stump height; as well as any white pine 10" or greater in diameter at DBH. In payment unit 2, do not cut any red or white pine that are 10" or greater in diameter at DBH. In payment units 1 and 2, do not cut any species of oak, regardless of merchantability.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Unit 1 must be chip harvested to facilitate natural regeneration. Trees 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. Whole tree harvesting may also be permitted. Regardless, the tops or trees must be skidded in a manner that adequately scarifies the ground. 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 does not apply (G. C. & R. 2.2) to payment unit 1 only.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

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

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 large diameter, legacy red and white pine found in Payment Units 1 and 2. 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.

4.1.4 - Timber removed for construction (3/23)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at contract prices or average prices, if not on the contract.

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. 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

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, payment unit 2 shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. 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, unless changed by written agreement, cutting, skidding, and hauling are to occur in snow free conditions. This restriction is to encourage adequate scarification for natural regeneration.

5.2.4 - Dead and Down Creation

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.

5.2.32 - 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.

5.2.40 - Pathway protection (10/10)

The High Country Pathway (HCP) is a biking and hiking trail and is shown on the Timber Sale Map. In addition, Sawdust Pile Trail is also part of the Shore to Shore Horse Trail and is indicated on the Timber Sale Map. Although this trail is not within the

sale area, it will conflict with the haul route. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway (HCP). Skidding across the trail may only occur in locations approved by the sale administrator (HCP).

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 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.

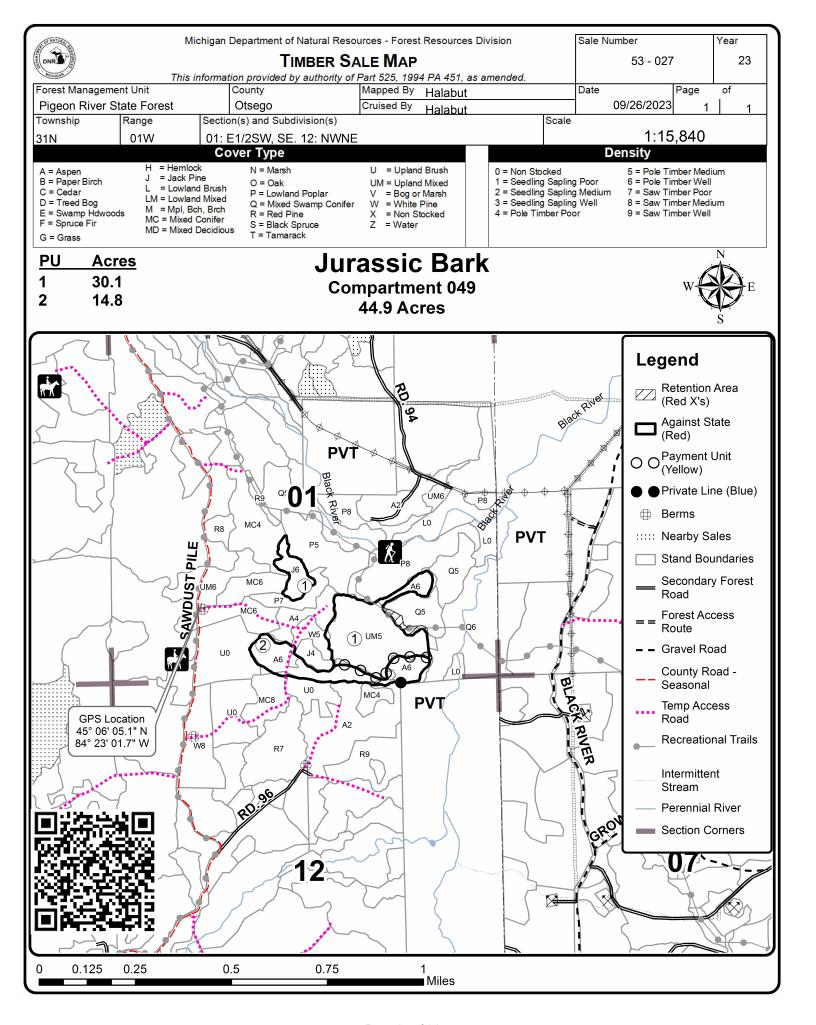
6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Sawdust Pile Trail 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.

Section Name: Sale Specific Current as of 10/4/2023 2:55:25PM



BID FORM

PIGEON RIVER COUNTRY MANAGEMENT UNIT PIGEON RIVER COUNTRY OFFICE

Line 5 Hardwoods (53-007-23)

T32N, R02W, SEC. 13; T32N, R02W, SEC. 24; Otsego COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on May 23, 2024, 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>A</u> I	OVERTISED PRICE	BID PRICE/UNIT
Sawtimber				
Basswood	23.2 MBF	\$	67.00/MBF	\$
Beech	7.2 MBF	\$	95.00/MBF	\$
Red Maple	3.7 MBF	\$	48.00/MBF	\$
Red Oak	33.9 MBF	\$	72.00/MBF	\$
Sugar Maple	18.9 MBF	\$	268.00/MBF	\$
Pulpwood				
B. T. Aspen	12 Cords	\$	20.15/Cord	\$
Basswood	85 Cords	\$	11.95/Cord	\$
Mixed Hardwood	500 Cords	\$	15.30/Cord	\$
Red Oak	30 Cords	\$	33.75/Cord	\$
White Pine	13 Cords	\$	20.75/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 20.73 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 SOCI	AL SECURITY NUMBER	ER:	
	Company or indivi	idual bidding:				
	Company representative's name:					
	Address:					
	City:		State:	Zip:		
F AVAILA	ABLE, PLEASE PLA	ACE THE PERSO	NALIZED LABE	L FROM YOUR PROSP	PECTUS IN THE ABOVE BOX.	
ndividual	or company repres	sentative's signatu	ure:		Date:	
Dhono nu	mber :					

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	artnership					
2.	You must check <u>one</u> of the boxes below:	no amployage but the sole proprietor. I am not subject to the					
	 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 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)

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

PIGEON RIVER COUNTRY MANAGEMENT UNIT PIGEON RIVER COUNTRY OFFICE

Grass Lake Mix (53-016-23) T32N, R01W, SEC. 5; Otsego COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on May 23, 2024, 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*	<u>A</u> [OVERTISED PRICE	BID PRICE/UNIT
Mixed Aspen	51.5 MBF	\$	46.00/MBF	\$
Red Maple	11.3 MBF	\$	48.00/MBF	\$
Red Oak	18.6 MBF	\$	72.00/MBF	\$
Red Pine	152.8 MBF	\$	121.00/MBF	\$
White Pine	14.9 MBF	\$	100.00/MBF	\$
Pulpwood				
Balsam Fir	11 Cords	\$	24.20/Cord	\$
Jack Pine	15 Cords	\$	11.45/Cord	\$
Mixed Aspen	595 Cords	\$	20.15/Cord	\$
Mixed Hardwood	159 Cords	\$	15.30/Cord	\$
Red Oak	9 Cords	\$	33.75/Cord	\$
Red Pine	116 Cords	\$	48.70/Cord	\$
White Pine	26 Cords	\$	20.75/Cord	\$
I .				

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 SECURITY NUMBER:				
	Company or individual	bidding:			
	Company representative's name:				
	Address:				
	City:	State:	Zip:		
F AVAILA	ABLE, PLEASE PLACE	ΓHE PERSONALIZED LABEL F	FROM YOUR PROSPE	ECTUS IN THE 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

^{*}The volumes are statistically estimated within plus (+) or minus (-) 16.05 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.



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:		
r orest management omt.		

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 hoves 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	Please Check Appropriate Categories:			
1.	1. My business is organized as (you must check <u>one</u> of the boxes bel	ow):		
	A. Sole Proprietorship (individual)			
	B. Partnership			
	C. Corporation			
2. You must check one 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 num than yourself, including family members and active partners (if noneFull-time Employees 			
lam	lame of Business Federal ID	(or) Social Security No.		
ddr	ddress Telephone ()		
ity	State ZIP			
n fa	hereby certify that the above information is true and correct. I agree to a factors affecting my coverage during any of my present and future operations. Signature of Owner or Authorized Representative			
T	Title	Date		

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

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

BID FORM

PIGEON RIVER COUNTRY MANAGEMENT UNIT PIGEON RIVER COUNTRY OFFICE

Jurassic Bark (53-027-23)

T31N, R01W, SEC. 1; T31N, R01W, SEC. 12; Otsego COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on May 23, 2024, 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 V	OLUME*	ADVERTISED PRICE		BID PRICE/UNIT
Sawtimber					
Jack Pine	30.6 N	/IBF	\$	32.00/MBF	\$
Mixed Aspen	39.9 N	/IBF	\$	46.00/MBF	\$
Pulpwood					
Balsam Fir	18 0	Cords	\$	24.20/Cord	\$
Jack Pine	237 (Cords	\$	11.45/Cord	\$
Mixed Aspen	314 (Cords	\$	20.15/Cord	\$
Red Maple	12 (Cords	\$	15.30/Cord	\$
Red Pine	29 (Cords	\$	48.70/Cord	\$
White Pine	42 (Cords	\$	20.75/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 34.24 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: ______

	Company or individual bidding:			
	Company representative's name:			
	Address:			
	City:	State:	Zip:	
IF AVAILA	ABLE, PLEASE PLACE THE PERSO	NALIZED LABEL FROM	1 YOUR PROSPECTUS IN T	HE ABOVE BOX.
Individual	dual or company representative's signature: Date:			
Phone nu	ne 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. Please Check Appropriate Categories:

1.	, , , , , , , , , , , , , , , , , , , ,	pelow):			
	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 employ. Worker's Compensation Laws. 	ees but the sole proprietor. I am not subject to the			
	B. I certify my business has satisfied its o bligation to the Worker's Continuous Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice questions or a copy of the BWC-337, please call the Worker's Continuous Conti	ce of Exclusion within 21 days of the contract award. (For			
	C. I certify my business has a Worker's Compensation Policy. I will pone (21) days of the contract award.	provide an original Certificate of Insurance within twenty-			
3.	 If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0"). 				
	Full-time Employees	Part-time Employees			
Nan	Name of Business Federa	I ID (or) Social Security No.			
Add	Address Telepho	one			
	()			
City	City State ZIP				
	I hereby certify that the above information is true and correct. I agree in factors affecting my coverage during any of my present and future of				
_	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)