

# DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7209

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on April 6, 2023.

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:

Pipeline Pulpwood (53-007-22) / T31N, R01W, SEC. 3, N1/2NW,SWNW,NWNE.
T32N, R01W, SEC. 34, SESW,SWSE.
Otsego County, Advertised Price \$11,001.75, 37.1 Acres, White Pine, Hardwood.

Aspan's Labyrinth (53-018-22) / T32N, R01W, SEC. 24, SESW,SWSE.

T32N, R01W, SEC. 25, N1/2NW,SENW,NE.

Otsego County, Advertised Price \$43,976.95, 67.6 Acres, Aspen, Hardwood.

# 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 April 6, 2023. 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.

SHANNON LOTT, Acting Director

# TIMBER SALE INFORMATION

Pipeline Pulpwood (53-007-22)
T31N, R01W, SEC. 3; T32N, R01W, SEC. 34.
Otsego County (Advertised Price \$11,001.75)

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	<b>ESTIMATE</b>	D UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
B. T. Aspen	8.4	MBF	\$	44.00 / MBF
Red Oak	9.4	MBF	\$	164.00 / MBF
Red Pine	4.9	MBF	\$	132.00 / MBF
White Pine	9.6	MBF	\$	98.00 / MBF
Pulpwood				
B. T. Aspen	32	Cords	\$	21.65 / Cord
Red Maple	108	Cords	\$	18.60 / Cord
Red Oak	18	Cords	\$	65.40 / Cord
Red Pine	9	Cords	\$	56.55 / Cord
White Pine	132	Cords	\$	23.60 / Cord

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 13.48 percent. There are an estimated 397 cords on this timber sale, plus or minus 53 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 \$1,100.00 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	18.4%
02	40.9%
03	40.7%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2026.

# 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.

l	VOLUME		VOLUME			STATISTICAL RA	ANGE IN CORDS
	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM		
	31,347	397	13.48%	343	450		

# **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
73	8,478	107	19.17%	87	128
75	6,612	84	27.76%	60	107
76	12,513	158	26.11%	117	200
79	242	3	0.00%	3	3
80	3,501	44	31.05%	31	58
TOTAL:	31,347	397		298	496

# **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:	37.1		37.1
80	4.0	1	4.0
79	1.0	1	1.0
		3	3.2
76	13.1	2	9.9
		2	6.9
75	9.9	1	3.0
73	9.1	3	9.1
VDU	VDU ACRES	PU	PU ACRES

# **DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	2.0	MBF	8.0	\$2,021.35
	Red Oak		0.8	MBF		
	Red Pine		0.7	MBF		
	White Pine		2.8	MBF		
	B. T. Aspen	Pulpwood	5	Cords		
	Red Maple		11	Cords		
	Red Oak		1	Cords		
	Red Pine		2	Cords		
	White Pine		40	Cords		
2	B. T. Aspen	Sawtimber	5.6	MBF	16.8	\$4,507.00
	Red Oak		3.0	MBF		
	Red Pine		3.2	MBF		
	White Pine		4.0	MBF		
	B. T. Aspen	Pulpwood	22	Cords		
	Red Maple		43	Cords		
	Red Oak		3	Cords		
	Red Pine		2	Cords		
	White Pine		58	Cords		
3	B. T. Aspen	Sawtimber	0.8	MBF	12.3	\$4,473.40
	Red Oak		5.6	MBF		
	Red Pine		1.0	MBF		
	White Pine		2.8	MBF		
	B. T. Aspen	Pulpwood	5	Cords		
	Red Maple		54	Cords		
	Red Oak		14	Cords		
	Red Pine		5	Cords		
	White Pine		34	Cords		
		TOTAL:	32.3	MBF		
		TOTAL:	299	Cords		

# Sale Specific Conditions & Requirements

Sale Name: Pipeline Pulpwood Sale Number: 53-007-22 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 paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

# 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1, 2, and 3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

#### 2.2 - Utilization

# 2.2.6 - Roundwood operation required (3/21)

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

# 2.2.7 - Uncut designated trees (2/04)

Liquidated damages of \$5.00 per tree will be assessed for every marked tree not cut.

# 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.

# 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.

# 4.1.12 - No new roads (1/12)

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

#### 4.2 - Maintenance

# 4.2.5 - Two wheel drive condition (2/04)

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

# 5 - Operations

# 5.1 - Notification

# 5.1.3 - 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. Written permission is required before harvest operations begin and must be submitted to the Unit Manager.

# 5.2 - Conduct of Operations

#### 5.2.1 - Slash

# 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

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

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

# 5.2.31 - Landing locations (9/13)

All decking and landing areas shall take place in the utility right-of-way adjacent to the Sale Area. Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative.

# 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.

# 5.4.4 - Slope protection (9/19)

Skid trails and roads on slopes shall be water barred with slash and stumps as soon as use is complete to prevent erosion.

# 5.7 - Protection of Historical Sites

#### 5.7.1 - Historical sites (7/12)

The Purchaser shall not cut live or dead trees or operate equipment within historical sites. Historical sites are located within Payment Unit 3 in the interior UM8 forest stand that has been excluded from the harvest. No equipment may operate in this area, including the small road that passes through the stand. The Purchaser shall protect historical sites from damage by the Purchaser's operations. If Purchaser's operations have cut or damaged historical sites through carelessness, the Purchaser shall pay \$500 as fixed, agreed and liquidated damages for each acre or part thereof cut or damaged.

# 5.8 - Protection of Endangered Species

# 5.8.3 - Red shoulder hawk or goshawk (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. 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.

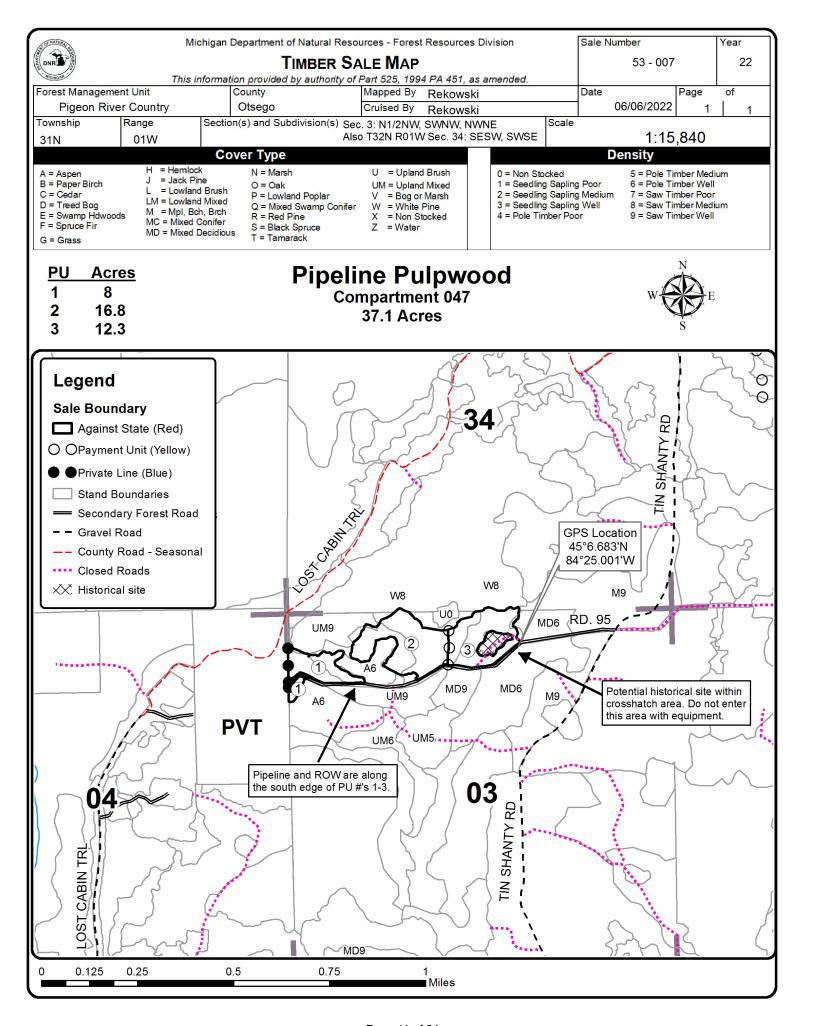
# 6 - Safety and Fire Prevention

# 6.2 - Signing

# 6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Tin Shanty 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.

Section Name: Sale Specific Current as of 2/9/2023 9:47:37AM



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# TIMBER SALE INFORMATION

Aspan's Labyrinth (53-018-22)
T32N, R01W, SEC. 24; T32N, R01W, SEC. 25.
Otsego County (Advertised Price \$43,976.95)

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				
Mixed Aspen	155.3	MBF	\$	44.00 / MBF
Red Maple	27.4	MBF	\$	59.00 / MBF
Sugar Maple	4.1	MBF	\$	262.00 / MBF
White Pine	16.3	MBF	\$	98.00 / MBF
Pulpwood				
Balsam Fir	42	Cords	\$	20.40 / Cord
Jack Pine	11	Cords	\$	15.90 / Cord
Mixed Aspen	1,141	Cords	\$	21.65 / Cord
Mixed Hardwood	182	Cords	\$	18.60 / Cord
Mixed Spruce	51	Cords	\$	16.80 / Cord
White Pine	122	Cords	\$	23.60 / Cord

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 17.27 percent. There are an estimated 2,044 cords on this timber sale, plus or minus 353 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 \$4,398.00 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	16.2%
02	7.5%
03	41.1%
04	35.2%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 03/01/2026.

# **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.

VOLUME			STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
161,498	2,044	17.27%	1,691	2,397

# **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
89	14,206	180	23.45%	138	222
94	25,678	325	68.18%	103	547
104	121,614	1,539	20.24%	1,228	1,851
TOTAL:	TOTAL: 161,498 2,044			1,469	2,620

# **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.

104	52.1	3 4	28.1 24.0
94	8.0 52.1	1	8.0 28.1
89	7.5	2	7.5
VDU	VDU ACRES	PU	PU ACRES

# **DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Sawtimber	40.1	MBF	8.0	\$7,113.05
	B. T. Aspen		40.1	MBF		
	Red Maple		8.7	MBF		
	Mixed Aspen	Pulpwood	179	Cords		
	B. T. Aspen		162	Cords		
	Quaking Aspen		17	Cords		
	Mixed Hardwood		44	Cords		
	Red Maple		44	Cords		
	White Pine		6	Cords		
2	Mixed Aspen	Sawtimber	7.2	MBF	7.5	\$3,281.25
	Quaking Aspen		7.2	MBF		, ,
	White Pine		3.9	MBF		
	Balsam Fir	Pulpwood	30	Cords		
	Mixed Aspen		17	Cords		
	Quaking Aspen		17	Cords		
	Mixed Hardwood		35	Cords		
	Red Maple		35	Cords		
	Mixed Spruce		51	Cords		
	Black Spruce	Sawtimber	2.9	MBF		
	White Spruce	Sawtimber	2.0	MBF		
	Black Spruce	Pulpwood	40	Cords		
		Fulpwood	1	Cords		
	White Spruce White Pine		4			
		0 " 1		Cords	00.4	040 444 00
3	Mixed Aspen	Sawtimber	58.3	MBF	28.1	\$18,111.00
	B. T. Aspen		37.1	MBF		
	Quaking Aspen		21.2	MBF		
	Red Maple		10.1	MBF		
	Sugar Maple		2.2	MBF		
	White Pine		6.7	MBF		
	Balsam Fir	Pulpwood	6	Cords		
	Jack Pine		6	Cords		
	Mixed Aspen		510	Cords		
	B. T. Aspen		226	Cords		
	Quaking Aspen		284	Cords		
	Mixed Hardwood		56	Cords		
	Red Maple		52	Cords		
	Sugar Maple		4	Cords		
	White Pine		60	Cords		
4	Mixed Aspen	Sawtimber	49.7	MBF	24.0	\$15,471.65
	B. T. Aspen		31.6	MBF		
	Quaking Aspen		18.1	MBF		
	Red Maple		8.6	MBF		
	Sugar Maple		1.9	MBF		
	White Pine		5.7	MBF		
	Balsam Fir	Pulpwood	6	Cords		
	Jack Pine		5	Cords		
	Mixed Aspen		435	Cords		
	B. T. Aspen		193	Cords		
	Quaking Aspen		242	Cords		
	Mixed Hardwood		47	Cords		
	Red Maple		44	Cords		
	=		3	Cords		
	Sugar Manla					
	Sugar Maple White Pine		52	Cords		

|--|

# Sale Specific Conditions & Requirements

Sale Name: Aspan's Labyrinth Sale Number: 53-018-22 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 retention areas are marked with red X's. Interior Payment Unit boundaries are marked with yellow paint. Red 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, except do not cut if they are marked with green paint or are one of the tree species designated not to be cut.

# 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) #s 1-4, , cut all trees that are (2) inches or more at DBH except do not cut any trees marked with green paint and do not cut any of the following tree species: cedar, hemlock, elm, spruce, basswood, black cherry, red pine, birch, and oak. In addition, do not cut any dead ash. Exception: In Payment Unit #2 cut all spruce except for those marked with green paint.

# 2.2 - Utilization

# 2.2.11 - Chipping restriction (9/14)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped. In addition, brush or chips may not be stored or stockpiled on-site for more than 30 days.

# 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. In addition, extreme care should be taken to avoid damage to any oak regeneration.

# 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 (12/09)

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 the specified Purchase Unit Price.

# 4.1.12 - No new roads (1/12)

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

# 4.2 - Maintenance

#### 4.2.5 - Two wheel drive condition (2/04)

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

#### 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

# 5.2 - 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.

#### 5.2.1.11 - 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

# 5.2.3.11 - Coppice regeneration protection (4/10)

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

# 5.2.4 - 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.

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

To encourage grouse and other wildlife, in Payment Unit(s) 1, 2, 3, and 4 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). at least six (6) large tops per acre. These will be evenly scattered throughout the unit. These trees will be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

#### 5.2.22 - Operating Caution

# 5.2.22.2 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) #2, cutting, skidding, and hauling occur during frozen winter conditions. The reason for the recommendation is because of wet ground within the Unit.

# 5.2.29 - Shrub protection (1/20)

Do not cut or damage hawthorn, witch-hazel, dogwood or juneberry. These woody-shrub plants are highly beneficial to

various wildlife species.

#### 5.2.31 - Landing locations (9/13)

Recommended landing areas are marked on the timber sale map with Landing areas are marked on the Timber Sale Map with the letter "LD". Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative.

# 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.

# 5.2.43 - Opening protection (2/21)

No activities are permitted in openings marked on the Timber Sale Map with the letter "G". Any damage to the openings shall be repaired according to specifications of the Unit Manager or his/her representative.

#### 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.

#### 5.4.6 - Wet area protection (5/10)

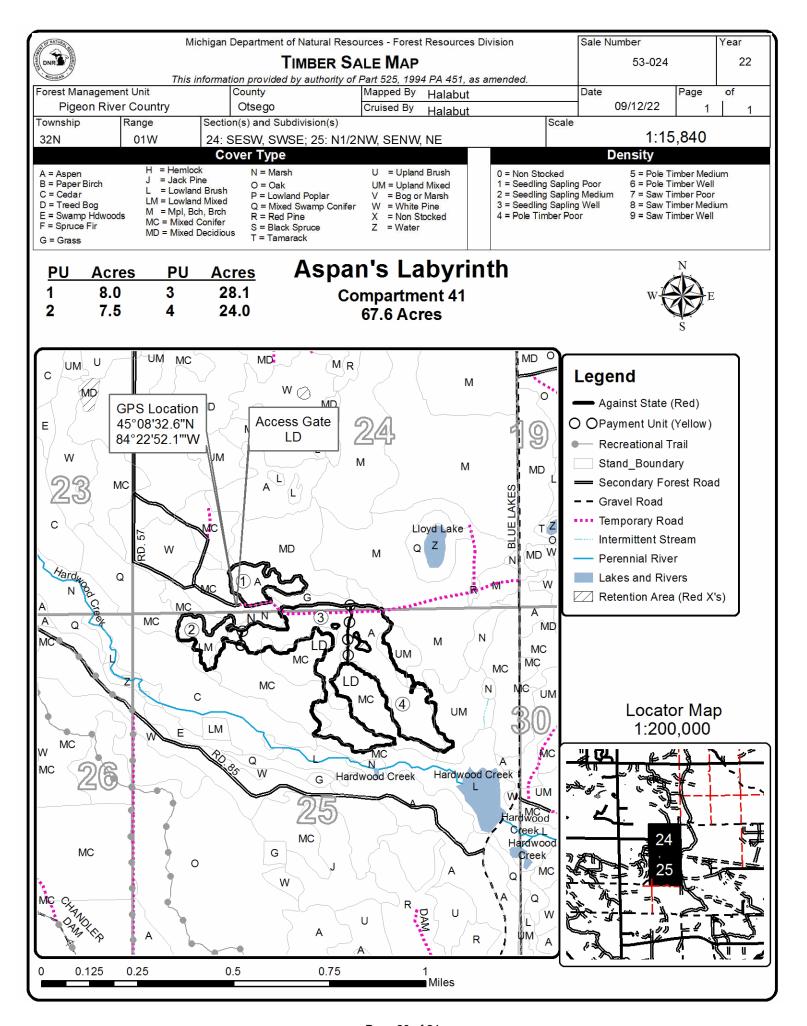
No harvesting operations, including skidding and felling, are to take place within the marsh area that is marked "N" on the timber sale map. When harvesting occurs, there should be no disturbance to the marsh depression. When harvesting occurs, there should be no disturbance to the marsh depression. All equipment, trees and tops should be kept out of this area. Within 100 feet of the pond, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

#### 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 9/26/2022 10:05:55AM



TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

#### BID FORM

PIGEON RIVER COUNTRY MANAGEMENT UNIT
PIGEON RIVER COUNTRY OFFICE

# Pipeline Pulpwood (53-007-22)

T31N, R01W, SEC. 3; T32N, R01W, SEC. 34; Otsego COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on April 6, 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*	ESTIMATED VOLUME* ADVERTISED PRICE		<b>BID PRICE/UNIT</b>
Sawtimber				
B. T. Aspen	8.4 MBF	\$	44.00/MBF	\$
Red Oak	9.4 MBF	\$	164.00/MBF	\$
Red Pine	4.9 MBF	\$	132.00/MBF	\$
White Pine	9.6 MBF	\$	98.00/MBF	\$
Pulpwood				
B. T. Aspen	32 Cords	\$	21.65/Cord	\$
Red Maple	108 Cords	\$	18.60/Cord	\$
Red Oak	18 Cords	\$	65.40/Cord	\$
Red Pine	9 Cords	\$	56.55/Cord	\$
White Pine	132 Cords	\$	23.60/Cord	\$

\*The volumes are statistically estimated within plus (+) or minus (-) 13.48 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 SOCIA	AL SECURITY NUMBER	R:	_			
Company or individual b	oidding:						
Company representative	Company representative's name:						
Address:	Address:						
City:	State:	Zip:					
			ECTUS IN THE ABOVE BOX.				
L AILABLE, PLEASE PLACE T		FROM YOUR PROSP	ECTUS IN THE ABOVE BOX.				

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:				
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.

Please Check Appropriate Categories:

# 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.

1.	My business is organized as (you <b>must</b> A. ☐ Sole Proprietorship (individual) B. ☐ Partnership C. ☐ Corporation	check <u>one</u> of the	e boxes below):			
2.	You <b>must</b> check <u>one</u> of the boxes below:					
	A.  I certify my business is a sole propriete Worker's Compensation Laws.	orship and it has no	no employees but the sole proprietor. I am not subject to the			
	Exclusion (BWC-337, Rev. 5/96). I wi	Il provide a copy of	/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 orker's Compensation Bureau at 517-322-1195).			
	C.  I certify my business has a Worker's Cone (21) days of the contract award.	Compensation Polic	cy. I will provide an original Certificate of Insurance within twenty-			
3.	. If you have checked item 2(A) or 2(B), you <b>must</b> indicate the number of <b>both</b> full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").					
	Full-time En	nployees	Part-time Employees			
Nam	ne of Business		Federal ID (or) Social Security No.			
Address			Telephone ( )			
City		State	ZIP			
in fa _	hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.  Signature of Owner or Authorized Representative					
T	itle		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

# Aspan's Labyrinth (53-018-22)

T32N, R01W, SEC. 24; T32N, R01W, SEC. 25; Otsego COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on April 6, 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.

ESTIMATED VOLUME <sup>*</sup>	ADVERTISED PRICE	BID PRICE/UNIT
155.3 MBF	\$ 44.00/MBF	\$
27.4 MBF	\$ 59.00/MBF	\$
4.1 MBF	\$ 262.00/MBF	\$
16.3 MBF	\$ 98.00/MBF	\$
42 Cords	\$ 20.40/Cord	\$
11 Cords	\$ 15.90/Cord	\$
1,141 Cords	\$ 21.65/Cord	\$
182 Cords	\$ 18.60/Cord	\$
51 Cords	\$ 16.80/Cord	\$
122 Cords	\$ 23.60/Cord	\$
	155.3 MBF 27.4 MBF 4.1 MBF 16.3 MBF  42 Cords 11 Cords 1,141 Cords 182 Cords 51 Cords	155.3 MBF \$ 44.00/MBF 27.4 MBF \$ 59.00/MBF 4.1 MBF \$ 262.00/MBF 16.3 MBF \$ 98.00/MBF  42 Cords \$ 20.40/Cord 11 Cords \$ 15.90/Cord 1,141 Cords \$ 21.65/Cord 182 Cords \$ 18.60/Cord 51 Cords \$ 16.80/Cord

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 AVAILA	ABLE, PLEASE PLACE	E THE PERSONALIZED LABI	EL FROM YOUR PROSPI	ECTUS IN THE ABOVE I	BOX.		
Individual	or company represen	tative'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

<sup>\*</sup>The volumes are statistically estimated within plus (+) or minus (-) 17.27 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.



Title

#### 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.	<ul> <li>My business is organized as (you <b>must</b> check <u>one</u> of the boxes below):</li> <li>A. □ Sole Proprietorship (individual)</li> <li>B. □ Partnership</li> <li>C. □ Corporation</li> </ul>					
<ol> <li>You must check one of the boxes below:</li> <li>A.          <ul> <li>I certify my business is a sole proprietorship and it has no Worker's Compensation Laws.</li> </ul> </li> <li>B.          <ul> <li>I certify my business has satisfied its o bligation to the Wo</li> </ul> </li> </ol>			orker's Compensation Act through the use of an approved Notice of			
	questions or a copy of the BWC-337,	please call the Work	f the Notice of Exclusion within 21 days of the contract award. (For orker's Compensation Bureau at 517-322-1195).  by. I will provide an original Certificate of Insurance within twenty-			
3.	If you have checked item 2(A) or 2(B), than yourself, including family members		ate the number of <b>both</b> full-time and part-time employees, other ers (if none, you must enter "0").			
	Full-time En	nployees	Part-time Employees			
Nam	ne of Business		Federal ID (or) Social Security No.			
Addı	ress		Telephone ( )			
City		State	ZIP			
	ereby certify that the above information is actors affecting my coverage during any c		I agree to notify the Michigan DNR of any changes that occur d future operations.			
S	signature of Owner or Authorized Representative					

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

Date