

# DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7119

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on September 22, 2022.

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:

Road 94 Pine (53-013-22) / T31N, R01W, SEC. 1, SENE,N1/2SE.
Otsego County, Advertised Price \$30,471.65, 31.7 Acres, Red Pine, Aspen.

SALE NOTE: Note that approximately 6 acres of this timber sale recently burned in a wildfire. All trees that were damaged in the burn were cruised as pulpwood.

Centerline Mix (53-025-21) / T33N, R01E, SEC. 10, NWNW,S1/2NW,SW. T33N, R01E, SEC. 9 , E1/2NE.

Cheboygan County, Advertised Price \$39,889.70, 75.2 Acres, Aspen, Spruce/Fir/Tamarack.

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

#### 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 September 22, 2022. For further information concerning this sale, contact Mark Monroe at 989-983-4101 extension.

#### 2. Bidder's Qualifications (5/16)

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

#### 3. Preparation of Sealed Bids (5/16)

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

#### 4. Submission of Sealed Bids (5/16)

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

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

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

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

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

#### 6. Award of Contract (1/11)

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

#### 7. Down Payment (1/11)

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

#### 8. Performance Security (1/11)

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

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

#### 9. Timber Sale Contract (7/18)

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

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

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

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

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

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

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

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

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

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

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

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

- a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.
- b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
- c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.
- d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

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

DAN EICHINGER
Director

#### TIMBER SALE INFORMATION

## Road 94 Pine (53-013-22) T31N, R01W, SEC. 1.

Otsego County (Advertised Price \$30,471.65)

SALE NOTE: Note that approximately 6 acres of this timber sale recently burned in a wildfire. All trees that were damaged in the burn were cruised as pulpwood.

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>	ESTIMATED UNITS*		RTISED PRICE
Sawtimber				
Mixed Aspen	10.4	MBF	\$	33.00 / MBF
Red Pine	82.6	MBF	\$	77.00 / MBF
Pulpwood				
Jack Pine	41	Cords	\$	10.95 / Cord
Mixed Aspen	153	Cords	\$	14.70 / Cord
Red Pine	588	Cords	\$	35.25 / Cord
White Pine	22	Cords	\$	15.60 / Cord

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 31.30 percent. There are an estimated 1,018 cords on this timber sale, plus or minus 319 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

#### **BOND AND PAYMENT SCHEDULE:**

- 1. A bond in the amount of \$3,047.00 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 92.4%

02 7.6%

- 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.

VOLUME		VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM			
80,412	1,018	31.30%	699	1,336		

#### **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
35	13,056	165	68.65%	52	279
41	64,298	814	32.26%	551	1,076
131	2,230	28	141.18%	12	68
164	828	10	124.21%	3	24
TOTAL:	80,412	1,018		589	1,447

#### **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
35	9.1	2	9.1
41	18.7	1	18.7
131	1.1	1	1.1
164	2.8	1	2.8
TOTAL:	31.7		31.7

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Sawtimber	3.7	MBF	22.6	\$28,144.10
	Quaking Aspen		3.7	MBF		
	Red Pine		82.6	MBF		
	Jack Pine	Pulpwood	28	Cords		
	Mixed Aspen		55	Cords		
	B. T. Aspen		36	Cords		
	Quaking Aspen		19	Cords		
	Red Pine		582	Cords		
	White Pine		2	Cords		
2	Mixed Aspen	Sawtimber	6.7	MBF	9.1	\$2,327.55
	B. T. Aspen		1.9	MBF		
	Quaking Aspen		4.8	MBF		
	Jack Pine	Pulpwood	13	Cords		
	Mixed Aspen		98	Cords		
	B. T. Aspen		12	Cords		
	Quaking Aspen		86	Cords		
	Red Pine		6	Cords		
	White Pine		20	Cords		
		TOTAL:	93.0	MBF		
		TOTAL:	804	Cords		

#### Sale Specific Conditions & Requirements

Sale Name: Road 94 Pine Sale Number: 53-013-22 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. Red and blue painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

#### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) #'s 1-2, cut all trees that are two (2) inches or more at DBH except do not cut oak, green marked trees, or black cherry over 5 inches DBH. In addition, in Payment Unit #2, do not cut any white pine or white spruce over 10 inches DBH.

#### 2.2 - Utilization

#### 2.2.2 - Chipping required (2/18)

Payment Unit 1 must be chip harvested to facilitate subsequent planting operations. 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. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

#### 2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. This is in order to facilitate planting operations.

#### 3 - Payments

#### 3.3 - Pre-measured Sales

#### 3.3.4 - Dividing payment units (7/14)

Payment Unit(s) #1 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division for this Payment Unit.

#### 3.4 - Damaged Timber

#### 3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to oak saplings, which can primarily be found in PU #2 and along the west edge of PU #1.

### 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

#### 4.2.4 - Grading (10/16)

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

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

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

#### 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 15 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.

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

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

#### 5.2 - Conduct of Operations

#### 5.2.2 - 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.

#### 5.2.4 - 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. This restriction applies only to the unburned portion of Payment Unit #2.

#### 5.2.29 - Shrub protection (1/20)

Do not cut or damage hawthorn or juneberry clumps. These woody-shrub plants are highly beneficial to various wildlife species.

#### 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 (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 Road 94 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.

#### 7 - Other Conditions

#### 7.5 - Loss

#### 7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from a wildfire in June of 2022 which impacted roughly 6 acres. 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.

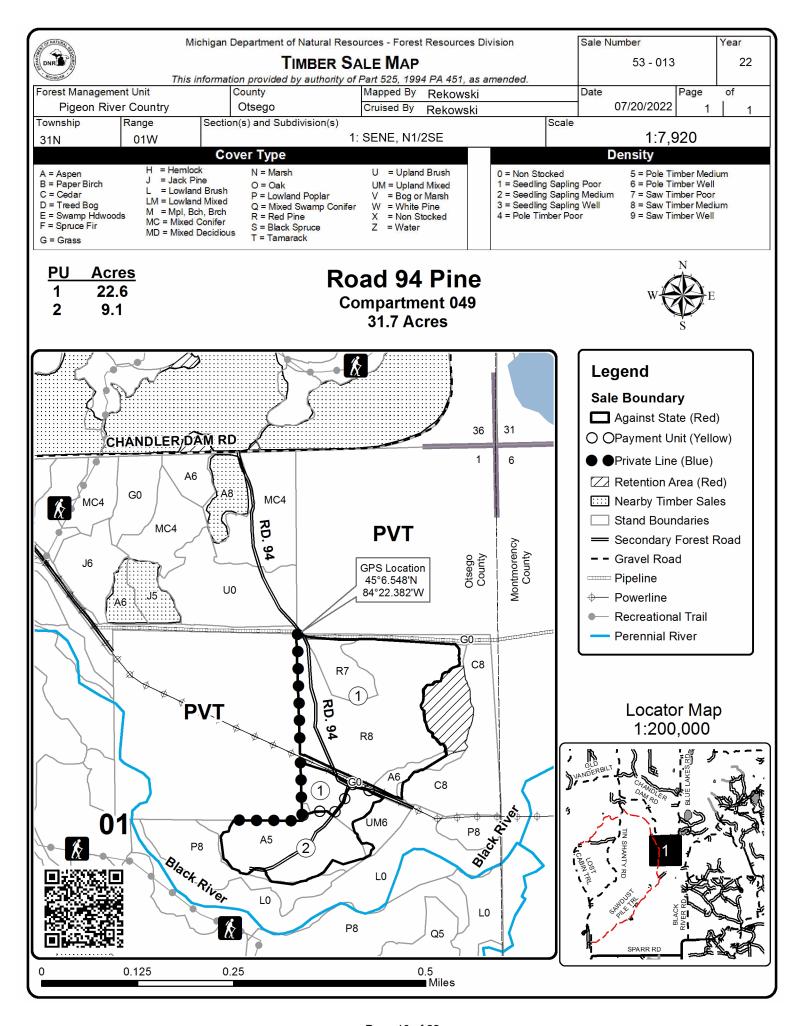
#### 8 - Performance and Settlement

#### 8.3 - Uncompleted or Terminated Contracts

#### 8.3.1 - Completion of contract, chipping (1/16)

In addition to cutting, all chipping must be completed by the contract expiration date. If chipping has not been completed, an extension fee or damages may be charged per General Condition & Requirement 7.2 and 8.3.

Section Name: Sale Specific Current as of 7/20/2022 1:36:10PM



#### TIMBER SALE INFORMATION

Centerline Mix (53-025-21)
T33N, R01E, SEC. 10; T33N, R01E, SEC. 9.
Cheboygan County (Advertised Price \$39,889.70)

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*	ADVERTISED PR	
Sawtimber				
Basswood	29.0	MBF	\$	43.00 / MBF
Mixed Aspen	91.2	MBF	\$	40.00 / MBF
Sugar Maple	19.9	MBF	\$	245.00 / MBF
Pulpwood				
Balsam Fir	500	Cords	\$	16.15 / Cord
Basswood	138	Cords	\$	14.00 / Cord
Mixed Aspen	837	Cords	\$	17.95 / Cord
Mixed Hardwood	290	Cords	\$	15.25 / Cord
Mixed Spruce	51	Cords	\$	13.05 / Cord

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 8.96 percent. There are an estimated 2,130 cords on this timber sale, plus or minus 191 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

#### **BOND AND PAYMENT SCHEDULE:**

- 1. A bond in the amount of \$3,989.00 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	18.5%
02	9.6%
03	8.7%
04	37.9%
05	19.8%
06	5.5%

- 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.

VOLUME		VOLUME		STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM		
168,288	2,130	8.96%	1,939	2,321	

#### **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
59	7,610	96	25.00%	72	120
64	132,302	1,675	11.11%	1,489	1,861
65	28,376	359	9.82%	324	394
TOTAL:	168,288	2,130		1,885	2,376

#### **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
59	12.3	6	12.3
64	36.0	2	4.5
		3	4.1
		4	18.0
		5	9.4
65	26.9	1	26.9
TOTAL:	75.2		75.2

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	25.2	MBF	26.9	\$7,383.50
	Mixed Aspen		0.9	MBF		
	Quaking Aspen		0.9	MBF		
	Sugar Maple		8.3	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Basswood	·	115	Cords		
	Mixed Aspen		9	Cords		
	Quaking Aspen		9	Cords		
	Mixed Hardwood		157	Cords		
	Beech	Sawtimber	1.3	MBF		
	Beech	Pulpwood	25	Cords		
	Ironwood	,	3	Cords		
	Sugar Maple		126	Cords		
2	Mixed Aspen	Sawtimber	11.3	MBF	4.5	\$3,824.20
_	B. T. Aspen	Gawanison	9.3	MBF	1.0	ψ0,021.20
	Quaking Aspen		2.0	MBF		
	Sugar Maple		1.0	MBF		
	Balsam Fir	Pulpwood	62	Cords		
	Mixed Aspen	i uipwood	104	Cords		
	B. T. Aspen		56	Cords		
	Balsam Poplar		1	Cords		
	· ·		47			
	Quaking Aspen			Cords		
	Mixed Hardwood		11	Cords		
	Paper Birch		2	Cords		
	Red Maple		4	Cords		
	Sugar Maple		5	Cords		
	Mixed Spruce		7	Cords		
	White Spruce	Sawtimber	0.4	MBF		
	White Spruce	Pulpwood	6	Cords		
3	Mixed Aspen	Sawtimber	10.3	MBF	4.1	\$3,455.00
	B. T. Aspen		8.5	MBF		
	Quaking Aspen		1.8	MBF		
	Sugar Maple		0.9	MBF		
	Balsam Fir	Pulpwood	56	Cords		
	Mixed Aspen		94	Cords		
	B. T. Aspen		51	Cords		
	Balsam Poplar		1	Cords		
	Quaking Aspen		42	Cords		
	Mixed Hardwood		10	Cords		
	Paper Birch		2	Cords		
	Red Maple		3	Cords		
	Sugar Maple		5	Cords		
	Mixed Spruce		6	Cords		
	White Spruce	Sawtimber	0.3	MBF		
	White Spruce	Pulpwood	5	Cords		
4	Mixed Aspen	Sawtimber	45.1	MBF	18.0	\$15,130.45
	B. T. Aspen		37.2	MBF		·
	Quaking Aspen		7.9	MBF		
	Sugar Maple		3.9	MBF		
	Balsam Fir	Pulpwood	246	Cords		
	Mixed Aspen	'	414	Cords		
	B. T. Aspen		221	Cords		
	Balsam Poplar		6	Cords		
	Quaking Aspen		187	Cords		
	Mixed Hardwood		187 42			
	Paper Birch		42 6	Cords Cords		
			n n	i Coras		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Red Maple	Pulpwood	15	Cords		
	Sugar Maple		21	Cords		
	Mixed Spruce		25	Cords		
	White Spruce	Sawtimber	1.4	MBF		
	White Spruce	Pulpwood	22	Cords		
5	Mixed Aspen	Sawtimber	23.6	MBF	9.4	\$7,911.85
	B. T. Aspen		19.5	MBF		
	Quaking Aspen		4.1	MBF		
	Sugar Maple		2.0	MBF		
	Balsam Fir	Pulpwood	128	Cords		
	Mixed Aspen		216	Cords		
	B. T. Aspen		116	Cords		
	Balsam Poplar		3	Cords		
	Quaking Aspen		97	Cords		
	Mixed Hardwood		23	Cords		
	Paper Birch		4	Cords		
	Red Maple		8	Cords		
	Sugar Maple		11	Cords		
	Mixed Spruce		14	Cords		
	White Spruce	Sawtimber	0.8	MBF		
	White Spruce	Pulpwood	12	Cords		
6	Basswood	Sawtimber	3.8	MBF	12.3	\$2,197.7
	Sugar Maple		3.8	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Basswood		23	Cords		
	Mixed Hardwood		47	Cords		
	Red Maple	Sawtimber	1.0	MBF		
	Ironwood	Pulpwood	2	Cords		
	Red Maple		2	Cords		
	Sugar Maple		41	Cords		
		TOTAL:	140.1	MBF		
		TOTAL:	1,817	Cords		

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#### Sale Specific Conditions & Requirements

Sale Name: Centerline Mix Sale Number: 53-025-21 Seq#: 2

#### 1 - Sale Area

#### 1.2 - Boundaries

#### 1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint, along with roads. 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, with the exception that the boundary between Payment Unit 4 & 5 is identified by Road 24 and is unmarked. In addition, the boundary between Payment Unit 2 & 3 is identified by Centerline Road and is unmarked. 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

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

Within Payment Unit(s) 2-5, cut all trees that are two (2) inches or more at DBH except do not cut cedar, oak, elm, or any trees marked with green paint.

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

Within Payment Unit(s) 1 & 6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, cut all beech except for any marked with green or blue paint.

#### 2.2 - Utilization

#### 2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit(s) 1-6. 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.

In addition, extreme caution should be used to protect red oak saplings and small poletimber that are scattered infrequently throughout Payment Units 2-5.

#### 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. This requirement is in place in order to spread out browse pressure throughout the Sale Area.

#### 4 - Transportation

#### 4.1 - Construction

#### 4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road

maintenance or construction, including stumps, shall be dispersed throughout the sale.

#### 4.1.7 - Road closure (10/11)

Overgrown roads that are reopened must be blocked to vehicle traffic upon completion of the sale. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Contact the sale administrator for specific details of design and placement.

#### 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

#### 4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

#### 4.2.4 - Grading (10/16)

For completion of the sale, state forest Roads 23 and 24 must be graded. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

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

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

#### 5 - Operations

#### 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

#### 5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 2-5, cutting, skidding, and hauling are limited to the period of December 1 to March 15. This restriction is because of seasonally wet ground within these Payment Units.

#### 5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1 & 6, cutting and skidding are not permitted during the period of April 1 to July 15. This restriction is because of bark slippage.

#### 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 X of green, blue, or orange paint in Payment Units 2-5. 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.

#### 5.2.32 - 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.

#### 5.8 - 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.

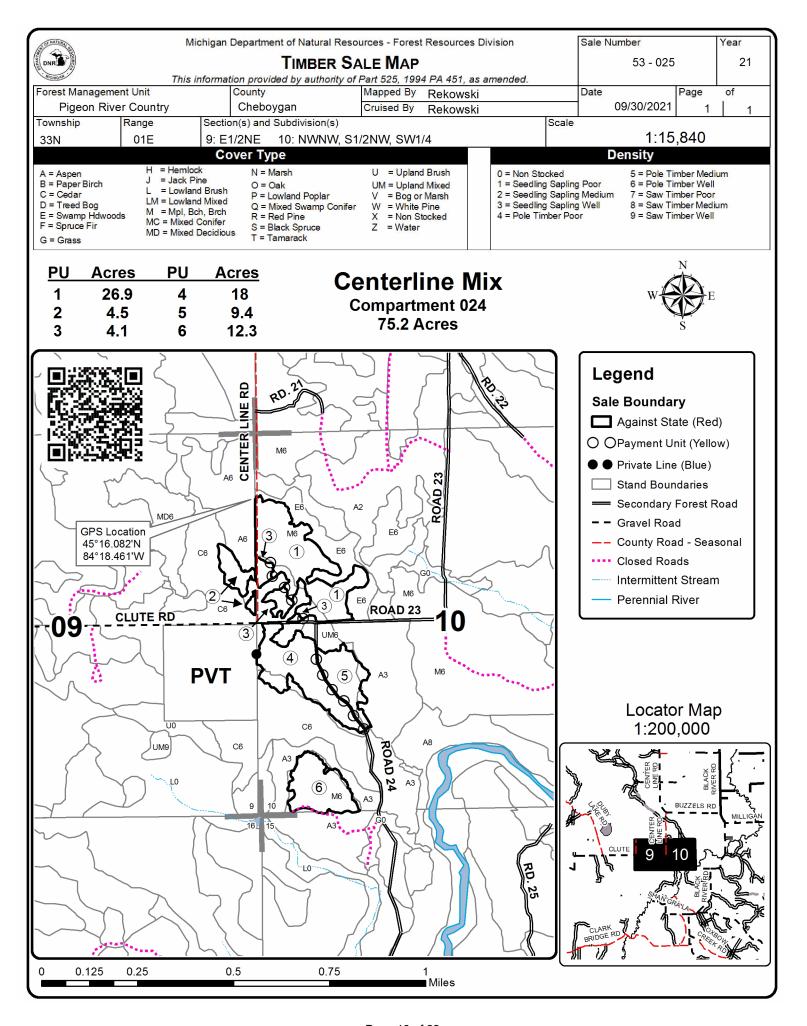
#### 6 - Safety and Fire Prevention

#### 6.2 - Signing

#### 6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Centerline 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 8/26/2022 11:11:52AM



TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

#### BID FORM

## PIGEON RIVER COUNTRY MANAGEMENT UNIT PIGEON RIVER COUNTRY OFFICE

#### Centerline Mix (53-025-21)

T33N, R01E, SEC. 10; T33N, R01E, SEC. 9; Cheboygan COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on September 22, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	<b>ESTIMATED</b>	VOLUME*	<u>AD</u>	VERTISED PRICE	<b>BID PRICE/UNIT</b>
Sawtimber					
Basswood	29.0	MBF	\$	43.00/MBF	\$
Mixed Aspen	91.2	MBF	\$	40.00/MBF	\$
Sugar Maple	19.9	MBF	\$	245.00/MBF	\$
Pulpwood					
Balsam Fir	500	Cords	\$	16.15/Cord	\$
Basswood	138	Cords	\$	14.00/Cord	\$
Mixed Aspen	837	Cords	\$	17.95/Cord	\$
Mixed Hardwood	290	Cords	\$	15.25/Cord	\$
Mixed Spruce	51	Cords	\$	13.05/Cord	\$

\*The volumes are statistically estimated within plus (+) or minus (-) 8.96 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:		
F AVAILA	ABLE, PLEASE PLACE THE PERSOI	NALIZED LABEL FROM	I YOUR PROSPECTUS IN T	HE ABOVE BOX.	
ndividual	vidual or company representative's signature: Date:				
Phone nu	e number · Fmail (ontional):				

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.

•	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	ase Check Appropriate Categories:				
1.	My business is organized as (you <b>must</b> check <u>one</u>	of the boxes below):			
	A.  Sole Proprietorship (individual)				
	B.   Partnership				
	C. Corporation				
2. You <b>must</b> check <u>one</u> of the boxes below:					
	A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.				
	B.  I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).				
	C.  I certify my business has a Worker's Compensation one (21) days of the contract award.	on Policy. I will provide an original Certificate of Insurance within twenty-			
3.	than yourself, including family members and active Full-time Employees	indicate the number of <b>both</b> full-time and part-time employees, other partners (if none, you must enter "0").  Part-time Employees			
lam	ne of Business	Federal ID (or) Social Security No.			
Addr	ress	Telephone			
City	State	ZIP			
n fa _	ereby certify that the above information is true and contactors affecting my coverage during any of my prese signature of Owner or Authorized Representative	orrect. I agree to notify the Michigan DNR of any changes that occurent and future operations.			
T	iitle	Date			

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

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

#### BID FORM

PIGEON RIVER COUNTRY MANAGEMENT UNIT PIGEON RIVER COUNTRY OFFICE

## Road 94 Pine (53-013-22) T31N, R01W, SEC. 1; Otsego COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on September 22, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	ESTIMATED \	VOLUME*	<u>AD</u>	VERTISED PRICE	<b>BID PRICE/UNIT</b>
Sawtimber					
Mixed Aspen	10.4	MBF	\$	33.00/MBF	\$
Red Pine	82.6	MBF	\$	77.00/MBF	\$
Pulpwood					
Jack Pine	41	Cords	\$	10.95/Cord	\$
Mixed Aspen	153	Cords	\$	14.70/Cord	\$
Red Pine	588	Cords	\$	35.25/Cord	\$
White Pine	22	Cords	\$	15.60/Cord	\$

\*The volumes are statistically estimated within plus (+) or minus (-) 31.30 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 individu	ual bidding:			
Company representative's name:					
	Address:				
	City:	State:	Zip:		
IF AVAILA	ABLE, PLEASE PLAC	E THE PERSONALIZED LABEL F	ROM YOUR PROSP	PECTUS IN THE ABOVE BOX.	
Individua	l or company represe	ntative's signature:		Date:	
Phone nu	e 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.					
Plε	Please 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>					
	<ul> <li>You must check one of the boxes below:</li> <li>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.</li> <li>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).</li> <li>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.</li> <li>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").</li> </ul>					
Nam	Name of Business	ederal ID (or) Social Security No.				
Add	Address Te	elephone )				
City State		P				
in fa	hereby certify that the above information is true and correct. I am factors affecting my coverage during any of my present and fut Signature of Owner or Authorized Representative					
	TIUC	Dale				

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