

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN <u>TIMBER SALE PROSPECTUS #7453</u>

<u>SCHEDULED SALE DATE AND TIME:</u> 9:00 a.m. (local time) on July 18, 2024. <u>LOCATION:</u> 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:

Bear Dog 2 (53-014-24) / T33N, R01W, SEC. 9, SENW,NE,E1/2SW,SE. Cheboygan County, Advertised Price \$84,534.70, 214.2 Acres, Hardwood, Sugar Maple.

SALE NOTE: A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

Eclipse Pine (53-016-24) / T32N, R01W, SEC. 17, NENW.

T32N, R01W, SEC. 8 , SENW,W1/2NE,NESW,S1/2SW,W1/2SE. Otsego County, Advertised Price \$118,697.80, 69.7 Acres, Red Pine, White Pine.

SALE NOTE: Please note that chipping is required (spec 2.2.2), however this requirement will be waived if the ground scarification detailed in spec 99.1 can be achieved by the Purchaser.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

Road to Firdition (53-013-23) / T33N, R01E, SEC. 5, W1/2NW.

T33N, R01E, SEC. 6 , NENE. T34N, R01E, SEC. 31, SESE.

T34N, R01E, SEC. 32, SWSW.

Cheboygan County, Advertised Price \$35,614.55, 52.1 Acres, Aspen, Hardwood.

SALE NOTE: Note Pathway Protection 5.2.40 and Dead and down creation, Grouse 5.2.4.4 specifications. See the operating time restrictions due to Smooth Green Snake habitat/active season.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

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

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

Bids must be received by the Unit Manager, PIGEON RIVER COUNTRY OFFICE, PO Box 456 9966 Twin Lakes Road, Vanderbilt, MI 49795, no later than 9:00 a.m. (local time) on July 18, 2024. For further information concerning this sale, contact Mark Monroe at 989-983-4101 extension.

2. Bidder's Qualifications (10/22)

If all or part of a timber sale was prepared by a private contractor, the contractor and that contractor's company are not permitted to bid on the timber sale. A person must be 18 years of age or older to purchase timber. Permanent employees of the Department of Natural Resources or members of their immediate household may not bid. Former employees, in the permanent or seasonal class, may not bid until 3 months after the last day of active duty. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

3. Preparation of Sealed Bids (5/16)

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

4. Submission of Sealed Bids (5/16)

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

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

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

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

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

6. Award of Contract (1/11)

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

7. Down Payment (1/11)

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

8. Performance Security (1/11)

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

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

9. Worker's Compensation (10/22)

Purchaser shall obtain worker's compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. Verification of Worker's Disability Compensation Act Compliance must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. In addition, if applicable, Notice of Exclusion or Certificate of Insurance must also be submitted.

10. Timber Sale Contract (10/22)

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

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

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

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

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

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

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

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

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

GNA contracts on US Forest Service land will not be awarded to purchasers on the Federal list of excluded parties . The System for Award Management (SAM) will be checked for active excluded parties prior to award of contract. In

addition, the Bidder to whom award is made must complete an Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Applicants (AD-3031).

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

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

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

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

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

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

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

Scott Bowen Director

TIMBER SALE INFORMATION

<u>Bear Dog 2 (53-014-24)</u> T33N, R01W, SEC. 9.

Cheboygan County (Advertised Price \$84,534.70)

SALE NOTE: A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	<u>ESTIMATE</u>	ESTIMATED UNITS*		ADVERTISED PRICE	
Sawtimber					
Basswood	162.4	MBF	\$	66.00 / MBF	
Beech	12.8	MBF	\$	96.00 / MBF	
Sugar Maple	188.9	MBF	\$	272.00 / MBF	
Pulpwood					
Basswood	429	Cords	\$	11.80 / Cord	
Mixed Hardwood	1,145	Cords	\$	14.10 / Cord	

* The total volume is statistically estimated within plus (+) or minus (-) 16.61 percent. There are an estimated 2,426 cords on this timber sale, plus or minus 403 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 \$8,453.00 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

IT NUMBER	PERCENT OF TOTAL SALE V
01	26.6%
02	24.9%
03	24.0%
04	24.5%

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

5. Operations on the contract issued will terminate on 06/30/2027.

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME		VOLUME		STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM		
191,651	2,426	16.61%	2,023	2,829	

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
26	191,651	2,426	16.61%	2,023	2,829
TOTAL:	191,651	2,426		2,023	2,829

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
26	214.2	1	57.0
		2	53.3
		3	51.5
		4	52.4
TOTAL:	214.2		214.2

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	43.3	MBF	57.0	\$22,525.60
	Beech		3.4	MBF		
	Sugar Maple		50.3	MBF		
	Basswood	Pulpwood	114	Cords		
	Mixed Hardwood		306	Cords		
	Beech		19	Cords		
	Ironwood		5	Cords		
	Red Maple		3	Cords		
	Sugar Maple		279	Cords		
2	Basswood	Sawtimber	40.4	MBF	53.3	\$21,024.60
	Beech		3.2	MBF		
	Sugar Maple		47.0	MBF		
	Basswood	Pulpwood	107	Cords		
	Mixed Hardwood		284	Cords		
	Beech		17	Cords		
	Ironwood		4	Cords		
	Red Maple		3	Cords		
	Sugar Maple		260	Cords		
3	Basswood	Sawtimber	39.0	MBF	51.5	\$20,313.30
	Beech		3.1	MBF		
	Sugar Maple		45.4	MBF		
	Basswood	Pulpwood	103	Cords		
	Mixed Hardwood		275	Cords		
	Beech		17	Cords		
	Ironwood		4	Cords		
	Red Maple		3	Cords		
	Sugar Maple		251	Cords		
4	Basswood	Sawtimber	39.7	MBF	52.4	\$20,671.20
	Beech		3.1	MBF		
	Sugar Maple		46.2	MBF		
	Basswood	Pulpwood	105	Cords		
	Mixed Hardwood		280	Cords		
	Beech		17	Cords		
	Ironwood		4	Cords		
	Red Maple		3	Cords		
	Sugar Maple		256	Cords		
		TOTAL:	364.1	MBF		
		TOTAL:	1,574	Cords		

Sale Specific Conditions & Requirements

Sale Name: Bear Dog 2

Sale Number: 53-014-24 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red X's, no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-4, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, within Payment Units 1-3, all beech trees are designated for cutting which meet minimum piece specifications in 2.2 Utilization, except do not cut any trees marked with green paint.

2.1.11 - Description of timber note (2/04)

Note that an ash salvage took place about 10 years ago, and as a result, there are several areas of lower stocking mixed in throughout the Sale Area. These areas do not have any trees marked to cut and should not be entered by harvesting equipment (see Timber Sale Map for locations).

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) 1-4. 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. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings within the low stocking areas shown on the Timber Sale Map.

Within the low stocking areas, if more than 25% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the sale area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the sale area that was damaged.

Cutting of, or damage to the bark or branches of, undesignated live merchantable trees is not acceptable. Within the Sale Area, if more than 10% of unmarked residual trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged or cut. 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.

4.1.7 - Road closure (10/11)

Overgrown roads that are reopened must be blocked to vehicle traffic upon completion of the sale. Some existing roads may also need to be closed, see the Timber Sale Map for locations. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to the existing road network which traverses throughout the Sale Area.

4.2 - Maintenance

4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during wet weather conditions.

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

5.2.1.10 - 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

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5.2.3.3 - Bark slippage restriction (3/09)
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Within Payment Unit(s) 1-4, cutting and skidding are not permitted during the period of March 15 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.

5.2.38 - 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 (1) (2/16)

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

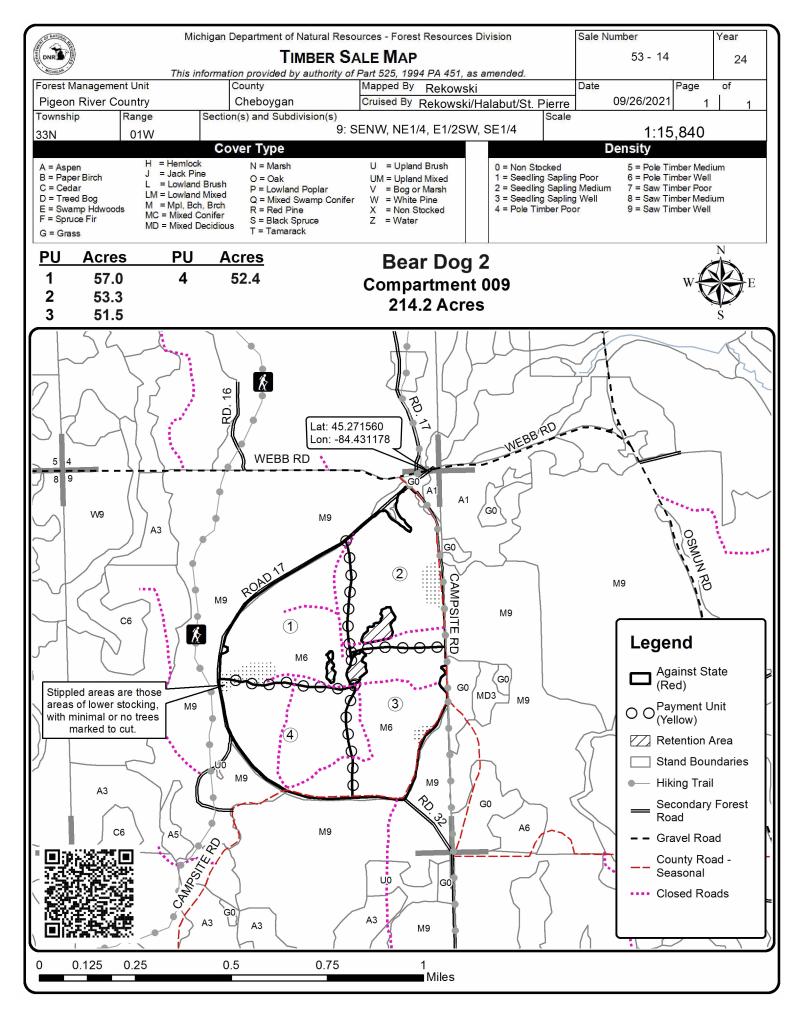
An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass 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 Campsite 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.



TIMBER SALE INFORMATION

Eclipse Pine (53-016-24) T32N, R01W, SEC. 17; T32N, R01W, SEC. 8. Otsego County (Advertised Price \$118,697.80)

SALE NOTE: Please note that chipping is required (spec 2.2.2), however this requirement will be waived if the ground scarification detailed in spec 99.1 can be achieved by the Purchaser.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATE	ED UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Red Pine	705.5	MBF	\$	119.00 / MBF
White Pine	29.0	MBF	\$	91.00 / MBF
Pulpwood				
Red Maple	7	Cords	\$	14.10 / Cord
Red Pine	604	Cords	\$	48.15 / Cord
White Pine	148	Cords	\$	19.75 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 29.29 percent. There are an estimated 2,477 cords on this timber sale, plus or minus 725 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 \$11,870.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.

(c) Payment for each of the following units must be made before cutting begins in that unit: PAYMENT UNIT NUMBER PERCENT OF TOTAL SALE VALUE

	PERCENT OF TOTAL SALE
01	17.8%
02	18.2%
03	17.3%
04	8.1%
05	38.6%

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

5. Operations on the contract issued will terminate on 12/31/2027.

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME		VOLUME		STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	R MINIMUM MAXIMUM		
195,652	2,477	29.29%	1,751	3,202	

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
47	64,400	815	27.75%	589	1,041
48	75,546	956	24.56%	721	1,191
51	21,474	272	47.41%	143	401
130	34,232	433	28.27%	311	556
TOTAL:	195,652	2,477		1,764	3,189

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
47	26.0	2	12.8
		3	13.2
48	23.1	5	23.1
51	8.9	2	1.3
		4	7.6
130	11.7	1	11.7
TOTAL:	69.7		69.7

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	133.1	MBF	11.7	\$21,144.80
	White Pine		1.8	MBF		
	Red Pine	Pulpwood	99	Cords		
	White Pine		19	Cords		
2	Red Pine	Sawtimber	130.3	MBF	14.1	\$21,587.25
	White Pine		2.6	MBF		
	Red Maple	Pulpwood	3	Cords		
	Red Pine		116	Cords		
	White Pine		11	Cords		
3	Red Pine	Sawtimber	127.5	MBF	13.2	\$20,567.15
	White Pine		1.3	MBF		
	Red Maple	Pulpwood	4	Cords		
	Red Pine		108	Cords		
	White Pine		1	Cords		
4	Red Pine	Sawtimber	38.7	MBF	7.6	\$9,565.05
	White Pine		7.4	MBF		
	Red Pine	Pulpwood	64	Cords		
	White Pine		61	Cords		
5	Red Pine	Sawtimber	275.9	MBF	23.1	\$45,833.55
	White Pine		15.9	MBF		
	Red Pine	Pulpwood	217	Cords		
	White Pine		56	Cords		
		TOTAL:	734.5	MBF		
		TOTAL:	759	Cords		

Sale Specific Conditions & Requirements

Sale Name: Eclipse Pine

Sale Number: 53-016-24 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Interior retention patches are marked with a red X; no harvesting activities may occur within these areas. All painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

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

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH, except do not cut red oak.

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

Within Payment Unit(s) 2-5, cut all trees that are two (2) inches or more at DBH, except do not cut red oak or trees marked with green paint above and below stump height.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Unit(s) 1-5, must be chip harvested to maximize ground scarification. 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 does not apply (G. C. & R. 2.2). This is because of follow-up silvicultural work.

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at 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) 5, may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

3.4 - Damaged Timber

3.4.1 - 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 red pine seedlings and saplings under 2 inches at DBH, most of which are less than 10 feet tall. These seedlings and saplings occur in small clumps, some of which have been marked with green paint. Also, protect all white pine and jack pine saplings that have been marked with green paint.

Cutting of, or damage to the bark or branches of, undesignated live merchantable trees is not acceptable. Within the Sale Area, if more than 10% of residual leave trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged or cut. 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.

4.1.4 - Timber removed for construction (3/23)

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

4.1.7 - Road closure (10/11)

Overgrown roads that are reopened must be blocked to vehicle traffic within 30 days of completion of hauling. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

4.1.12 - 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

- 5.2 Conduct of Operations
 - 5.2.2 Hazard Trees/Snags

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5.2.2.1 - Den trees (10/16)
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Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-5, cutting, skidding, chipping, and hauling are limited to the period of July 16 to December 15. This restriction is in place in order to maximize the amount of scarification during snow-free months. No exceptions will be granted.

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

Within Payment Unit(s) 1-5, cutting, skidding, chipping, and 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.

5.2.4 - 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.

5.2.18 - Equipment requirements (1/09)

For chipping operations, grapple skidders must be used to drag tops to the landing.

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.

5.2.40 - Pathway protection (10/10)

The Shingle Mill Pathway is a hiking trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot-wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the Sale Administrator.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 25 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.8 - Protection of Endangered Species

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

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

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15. 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 Ford Lake Road and Elkhorn Trail prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.3 - Recreational trail posting (10/20)

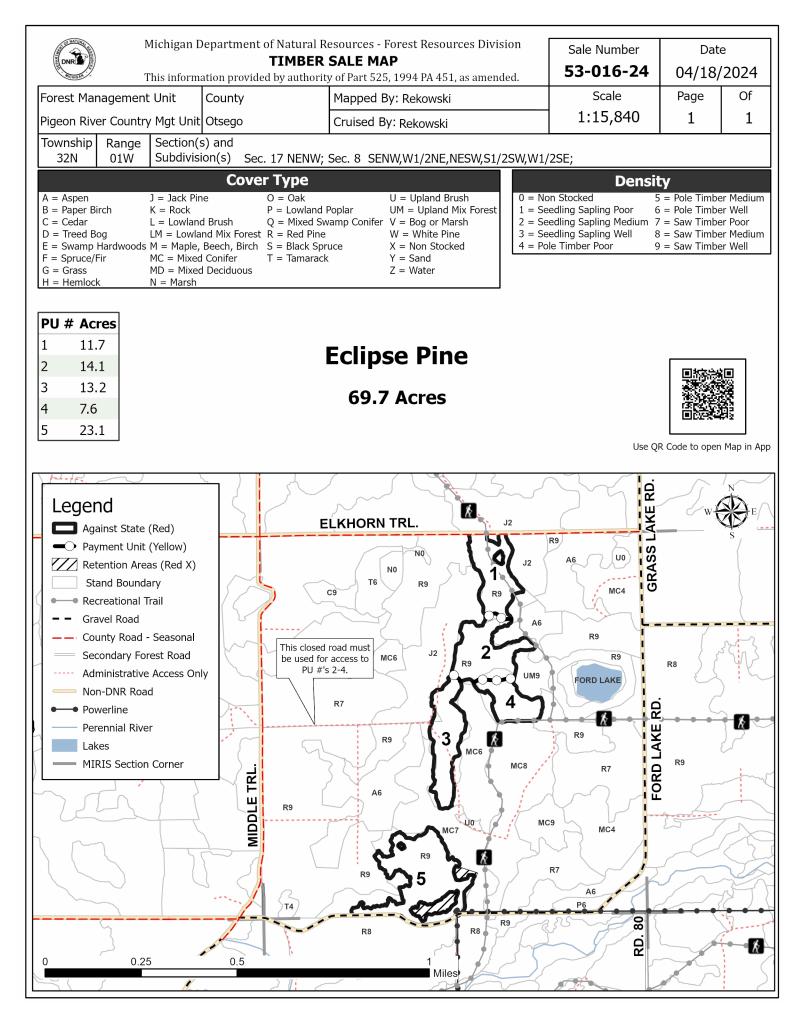
The Purchaser is responsible for posting and maintaining caution signs on the Shingle Mill Pathway prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest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

99 - Unique

SKIP

99.1 - Unique Sale Condition (5/19)

The chipping requirement will be waived if the Purchaser can prove that it can adequately scarify the ground in each Payment Unit. To achieve this scarification, the Sale Administrator will designate trees in each Unit that must be felled, left intact, and dragged by grapple skidders. These trees will be marked with a pink "D" and must be left onsite upon completion of the dragging. The entire area of each Unit must be scarified in order to satisfy the chipping exemption. If the Sale Administrator deems that scarification is not adequate, then the chipping requirement will be reinstated.



TIMBER SALE INFORMATION

Road to Firdition (53-013-23)

T33N, R01E, SEC. 5; T33N, R01E, SEC. 6; T34N, R01E, SEC. 31; T34N, R01E, SEC. 32. Cheboygan County (Advertised Price \$35,614.55)

SALE NOTE: Note Pathway Protection 5.2.40 and Dead and down creation, Grouse 5.2.4.4 specifications. See the operating time restrictions due to Smooth Green Snake habitat/active season.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	<u>ESTIMATE</u>	D UNITS*	ADVERTISED PRIC	
Sawtimber				
Basswood	36.4	MBF	\$	66.00 / MBF
Mixed Aspen	101.5	MBF	\$	41.00 / MBF
Red Maple	54.7	MBF	\$	46.00 / MBF
Sugar Maple	19.1	MBF	\$	272.00 / MBF
White Pine	12.1	MBF	\$	91.00 / MBF
Pulpwood				
Balsam Fir	306	Cords	\$	23.55 / Cord
Basswood	28	Cords	\$	11.80 / Cord
Jack Pine	3	Cords	\$	11.90 / Cord
Mixed Aspen	333	Cords	\$	18.10 / Cord
Mixed Hardwood	283	Cords	\$	14.10 / Cord
Paper Birch	85	Cords	\$	13.95 / Cord
Red Pine	9	Cords	\$	48.15 / Cord
White Pine	29	Cords	\$	19.75 / Cord
White Spruce	26	Cords	\$	17.55 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 42.99 percent. There are an estimated 1,631 cords on this timber sale, plus or minus 701 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 \$3,561.00 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	54.2%
02	11.5%
03	34.3%

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

5. Operations on the contract issued will terminate on 06/30/2027.

SALE STATISTICS

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

SALE VOLUMES

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

VOL	UME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
128,849	1,631	42.99%	930	2,332

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
38	48,585	615	33.82%	407	823
47	13,330	169	54.20%	77	260
64	45,653	578	32.62%	389	766
66	21,281	269	38.66%	165	374
TOTAL:	128,849	1,631		1,039	2,223

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
38	14.9	3	14.9
47	8.1	2	8.1
64	19.7	1	19.7
66	9.4	1	9.4
TOTAL:	52.1		52.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	25.3	MBF	29.1	\$19,311.30
	Mixed Aspen		35.7	MBF		
	B. T. Aspen		1.0	MBF		
	Quaking Aspen		34.7	MBF		
	Red Maple		27.2	MBF		
	Sugar Maple		12.8	MBF		
	White Pine		12.1	MBF		
	Balsam Fir	Pulpwood	135	Cords		
	Basswood		18	Cords		
	Jack Pine		3	Cords		
	Mixed Aspen		108	Cords		
	B. T. Aspen		6	Cords		
	Quaking Aspen		102	Cords		
	Mixed Hardwood		175	Cords		
	Beech	Sawtimber	1.3	MBF		
	Beech	Pulpwood	1	Cords		
	Red Maple		136	Cords		
	Sugar Maple		35	Cords		
	Paper Birch		79	Cords		
	Paper Birch	Sawtimber	6.3	MBF		
	Paper Birch	Pulpwood	66	Cords		
	Red Pine	, apricea	9	Cords		
	Red Pine	Sawtimber	2.2	MBF		
	Red Pine	Pulpwood	5	Cords		
	White Pine	7 0,01000	29	Cords		
	White Spruce		22	Cords		
	White Spruce	Sawtimber	4.9	MBF		
	White Spruce	Pulpwood	12	Cords		
2	Basswood	Sawtimber	11.1	MBF	8.1	\$4,104.80
	Mixed Aspen	Gawaniber	22.3	MBF	0.1	φ+, 10+.00
	B. T. Aspen		22.3	MBF		
	Red Maple		1.7	MBF		
	Sugar Maple		4.4	MBF		
	Basswood	Pulpwood	9	Cords		
	Mixed Aspen		33	Cords		
	B. T. Aspen		33	Cords		
	Mixed Hardwood		33 34	Cords		
	Red Maple		34 10	Cords		
			10 24	Cords Cords		
3	Sugar Maple	Soutimbor			14.0	¢40.400.45
3	Mixed Aspen	Sawtimber	43.5	MBF	14.9	\$12,198.45
	B. T. Aspen		9.9 22.6	MBF		
	Quaking Aspen		33.6 25.9	MBF		
	Red Maple		25.8	MBF		
	Sugar Maple	Dulmused	1.9	MBF		
	Balsam Fir	Pulpwood	171	Cords		
	Basswood		1	Cords		
	Mixed Aspen		192	Cords		
	B. T. Aspen		13	Cords		
	Quaking Aspen		179	Cords		
	Mixed Hardwood		74	Cords		
	Red Maple		71	Cords		
	Sugar Maple		3	Cords		
	Paper Birch		6	Cords		
				MBF	I	1
	Paper Birch	Sawtimber	1.1			
	Paper Birch Paper Birch White Spruce	Sawtimber Pulpwood	1.1 4 4	Cords Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
3 con't	White Spruce	Pulpwood	4	Cords		
		TOTAL:	223.8	MBF		
		TOTAL:	1,102	Cords		

Sale Number: 53-013-23 Seg#: 2

Sale Name: Road to Firdition

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1 and 3, cut all trees that are two (2) inches or more at DBH, except do not cut any oak, cedar, or trees marked with green paint above and below stump height.

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

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

2.2 - Utilization

2.2.6 - Roundwood operation required (3/21)

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

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.

4.1.4 - Timber removed for construction (3/23)

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

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, 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) 1-3, cutting, skidding, and hauling are not permitted during the period of April through October. This restriction is because of smooth green snake habitat overlap with the timber sale area.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.4 - 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 and 3, leave one, 12" or larger diameter whole tree on the ground for every 2 acres, preferably a hardwood species such as basswood or maple or if no hardwoods are present, a pine species (white or red). The tree shall be pushed over with the top and root-ball still intact. If this becomes unfeasible or improbable to perform, the tree may be partially pushed over and then cut with the bole semi-attached to the root-ball. 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.

5.2.32 - Decking/landing restoration (9/13)

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

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

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

5.2.40 - Pathway protection (10/10)

The High Country Pathway is a hiking, ski, and bicycle trail and is shown on the Timber Sale Map. Do not cut trees or

damage posts with blue pathway markers. The trail spur running northwest to southeast through the sale is part of the High Country Pathway. This section of trail is an existing two-track road and will undoubtedly be used for moving wood. Do not cut any red maple or any conifer species within 10 feet either side of this trail or the main trail that runs east and west, except for what is needed to access wood or deck wood (see spec 4.1.4). Crossing of the main trail by equipment will be limited to one location. Do not run equipment down the main portion of the High Country Pathway that is not an old two track. The trail shall be kept free of slash at all times.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 25 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

5.8.8 - Protected species, other (2/12)

Within Payment Unit(s) 1-3, cutting, skidding, and hauling are not permitted during the period of April 1 to October 31. This restriction is because of smooth green snake habitat overlap with the Sale Area.

6 - Safety and Fire Prevention

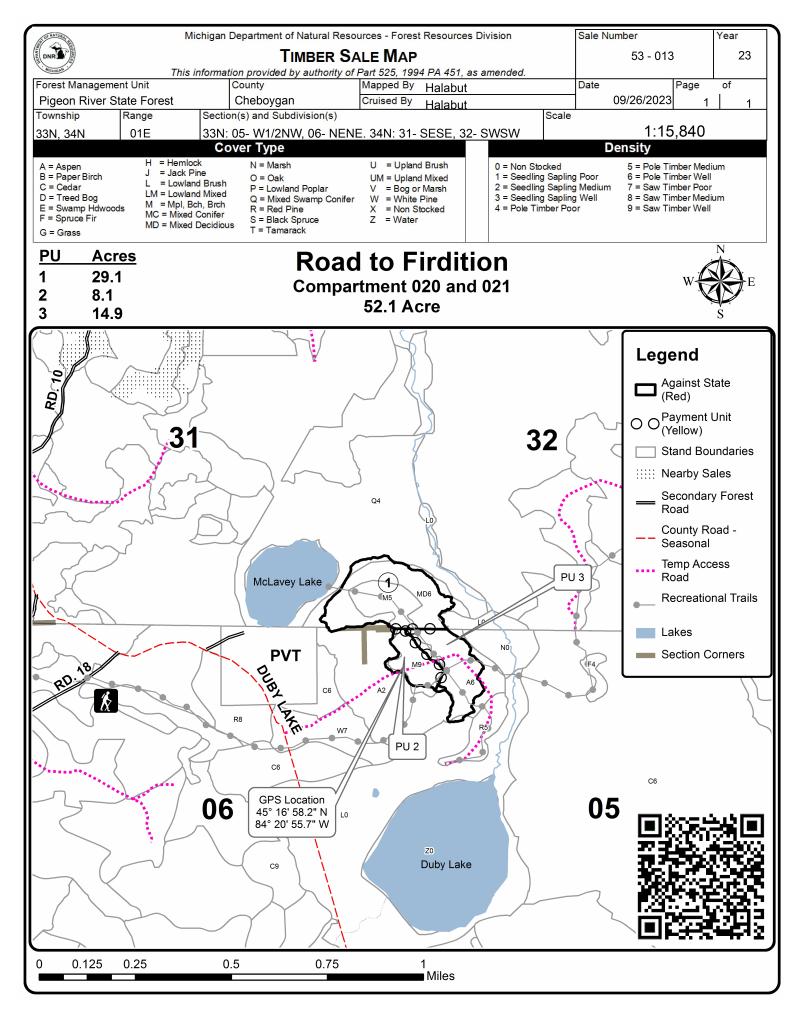
6.2 - Signing

6.2.1 - Road posting (10/20)

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

6.2.3 - Recreational trail posting (10/20)

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



TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

Road to Firdition (53-013-23)

T33N, R01E, SEC. 5; T33N, R01E, SEC. 6; T34N, R01E, SEC. 31; T34N, R01E,

In response to the notice of sale to be held 9:00 a.m. (local time) on July 18, 2024, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

	CODUCTS & SPECIES wtimber	<u>ESTIMATED</u>	VOLUME*	<u>AC</u>	VERTISED PRICE	BID PRICE/UNIT
	Basswood	36.4	MBF	\$	66.00/MBF	\$
	Mixed Aspen	101.5	MBF	\$	41.00/MBF	\$
	Red Maple	54.7	MBF	\$	46.00/MBF	\$
	Sugar Maple	19.1	MBF	\$	272.00/MBF	\$
	White Pine	12.1	MBF	\$	91.00/MBF	\$
Pu	Ipwood					
	Balsam Fir	306	Cords	\$	23.55/Cord	\$
	Basswood	28	Cords	\$	11.80/Cord	\$
	Jack Pine	3	Cords	\$	11.90/Cord	\$
	Mixed Aspen	333	Cords	\$	18.10/Cord	\$
	Mixed Hardwood	283	Cords	\$	14.10/Cord	\$
	Paper Birch	85	Cords	\$	13.95/Cord	\$
	Red Pine	9	Cords	\$	48.15/Cord	\$
	White Pine	29	Cords	\$	19.75/Cord	\$
	White Spruce	26	Cords	\$	17.55/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 42.99 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

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

Individual or company representative's signature:

Phone number : Email (optional):

_____ Date:_____

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

TOF NATURAL BED	Michigan Department of Natur Forest Resources Div			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)		
adu Michigan - 57	TIMBER SAL	.E				
	VERIFICATION OF WORKE	R'S DISABII IT	Y	Forest Management Unit:		
	COMPENSATION ACT C			Forest Management Onit.		
		-	- d			
VEDIEL	As required by Act 317, P.A. 1969 (Work Part 5 of Act 451 of 1994, as	amended.				
	CATION OF WORKER'S DISABILIT					
sale	e contract.		-	tract award and prior to the issuance of the timber		
	 In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract. 					
• All	Information must be typed or printed	except for written	signatures.			
Please	Check Appropriate Categories:					
-	business is organized as (you must	check <u>one</u> of the	boxes below):	:		
	Sole Proprietorship (individual)					
	Partnership					
C. [Corporation					
2. You	u must check <u>one</u> of the boxes below	v:				
A. [I certify my business is a sole propriet Worker's Compensation Laws.	orship and it has no	employees but	the sole proprietor. I am not subject to the		
	Exclusion (BWC-337, Rev. 5/96). I w questions or a copy of the BWC-337,	ill provide a copy of please call the Wor	the Notice of Ex ker's Compensa	sation Act through the use of an approved Notice of xclusion within 21 days of the contract award. (For ation Bureau at 517-322-1195). an original Certificate of Insurance within twenty-		
	one (21) days of the contract award.					
	ou have checked item 2(A) or 2(B), n yourself, including family members			of both full-time and part-time employees, other ou must enter "0").		
	Full-time Er	nnlovees		Part-time Employees		
		npioyees				
Name of E	Business		Federal ID (or)	Social Security No.		
Address			Telephone			
Otto		Otata				
City		State	ZIP			
	certify that the above information is s affecting my coverage during any o			tify the Michigan DNR of any changes that occur ions.		
Signati	ure of Owner or Authorized Representative					
Title			Da	te		

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

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

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

_____ Date:_____

Bear Dog 2 (53-014-24) T33N, R01W, SEC. 9; Cheboygan COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on July 18, 2024, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	ESTIMATED VOLUME*	ADVERTISED PRICE	BID PRICE/UNIT
Basswood	162.4 MBF	\$ 66.00/MBF	\$
Beech	12.8 MBF	\$ 96.00/MBF	\$
Sugar Maple	188.9 MBF	\$ 272.00/MBF	\$
Pulpwood			
Basswood	429 Cords	\$ 11.80/Cord	\$
Mixed Hardwood	1,145 Cords	\$ 14.10/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 16.61 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

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

Individual or company representative's signature:

Phone number :_____ Email (optional):_____

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

TOF NATURAL BED	Michigan Department of Natur Forest Resources Div			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)		
adu Michigan - 57	TIMBER SAL	.E				
	VERIFICATION OF WORKE	R'S DISABII IT	Y	Forest Management Unit:		
	COMPENSATION ACT C			Forest Management Onit.		
		-	- d			
VEDIEL	As required by Act 317, P.A. 1969 (Work Part 5 of Act 451 of 1994, as	amended.				
	CATION OF WORKER'S DISABILIT					
sale	e contract.		-	tract award and prior to the issuance of the timber		
	In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.					
• All	Information must be typed or printed	except for written	signatures.			
Please	Check Appropriate Categories:					
-	business is organized as (you must	check <u>one</u> of the	boxes below):	:		
	Sole Proprietorship (individual)					
	Partnership					
C. [Corporation					
2. You	u must check <u>one</u> of the boxes below	v:				
A. [I certify my business is a sole propriet Worker's Compensation Laws.	orship and it has no	employees but	the sole proprietor. I am not subject to the		
	 B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195). C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty- 					
	one (21) days of the contract award.					
	3. If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").					
	Full-time Er	nnlovees		Part-time Employees		
		npioyees				
Name of E	Business		Federal ID (or)	Social Security No.		
Address			Telephone			
Otto		Otata				
City		State	ZIP			
I 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						
Title			Da	te		

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

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

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

_____ Date:_____

Eclipse Pine (53-016-24)

T32N, R01W, SEC. 17; T32N, R01W, SEC. 8; Otsego COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on July 18, 2024, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	ESTIMATED	VOLUME*	<u>AD'</u>	VERTISED PRICE	BID PRICE/UNIT
Red Pine	705.5	MBF	\$	119.00/MBF	\$
White Pine	29.0	MBF	\$	91.00/MBF	\$
Pulpwood					
Red Maple	7	Cords	\$	14.10/Cord	\$
Red Pine	604	Cords	\$	48.15/Cord	\$
White Pine	148	Cords	\$	19.75/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 29.29 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:	<u></u>		
Company or individual bidding:				
Company representative's name:				
Address:				
City:	State: Zip:			

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

Individual or company representative's signature:

Phone number :_____ Email (optional):_____

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

TOF NATURAL BED	Michigan Department of Natur Forest Resources Div			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)		
adu Michigan - 57	TIMBER SAL	.E				
	VERIFICATION OF WORKE	R'S DISABII IT	Y	Forest Management Unit:		
	COMPENSATION ACT C			Forest Management Onit.		
		-	- d			
VEDIEL	As required by Act 317, P.A. 1969 (Work Part 5 of Act 451 of 1994, as	amended.				
	CATION OF WORKER'S DISABILIT					
sale	e contract.		-	tract award and prior to the issuance of the timber		
	In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.					
• All	Information must be typed or printed	except for written	signatures.			
Please	Check Appropriate Categories:					
-	business is organized as (you must	check <u>one</u> of the	boxes below):	:		
	Sole Proprietorship (individual)					
	Partnership					
C. [Corporation					
2. You	u must check <u>one</u> of the boxes below	v:				
A. [I certify my business is a sole propriet Worker's Compensation Laws.	orship and it has no	employees but	the sole proprietor. I am not subject to the		
	 B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195). C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty- 					
	one (21) days of the contract award.					
	3. If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").					
	Full-time Er	nnlovees		Part-time Employees		
		npioyees				
Name of E	Business		Federal ID (or)	Social Security No.		
Address			Telephone			
Otto		Otata				
City		State	ZIP			
I 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						
Title			Da	te		

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

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