

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7337

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on March 21, 2024. LOCATION: TRAVERSE CITY MGMT UNIT, 2122 M 37 SOUTH, TRAVERSE CITY, MI 49685.

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

Pre-School Aspen (61-102-24) / T28N, R06W, SEC. 19, SW.

Kalkaska County, Advertised Price \$55,767.05, 55.7 Acres, Aspen, Hardwood.

SALE NOTE: Refer to Spec 5.2.22.1 - A portion of the sale is lowland aspen & should be cut during dry summer/frozen winter conditions.

Farewell Miggy Red Pine (61-103-24) / T25N, R07W, SEC. 24, SESW, SE.

Kalkaska County, Advertised Price \$37,554.25, 76.6 Acres, Red Pine, Jack Pine.

SALE NOTE: Sale has a 'no activity' period of May 1st to August 16th. This is because of the adjacent Kirkland Warbler habitat.

Snoring Red Pine (61-104-24) / T28N, R07W, SEC. 13, NW, NWSW.

Kalkaska County, Advertised Price \$55,377.60, 55.3 Acres, Red Pine.

SALE NOTE: Spec 5.2.3.3 Bark Slip Spec Applies to all payment units within sale.

Bear Lake Hardwoods 2 (61-109-24) / T27N, R05W, SEC. 11, S1/2SW,SWSE.

T27N, R05W, SEC. 13, SWNW,W1/2SW.

T27N, R05W, SEC. 14, N1/2NW, NE, SE.

T27N, R05W, SEC. 23, N1/2NE.

T27N, R05W, SEC. 24, NWNW.

Kalkaska County, Advertised Price \$211,947.80, 261.1 Acres, Hardwood, Sugar Maple.

SALE NOTE: This sale has an oak wilt restriction. This restriction applies to the entire Sale Area, and there are no exceptions. (See Spec 5.2.3.4)

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.

Big Ernie Mix (61-118-23) / T28N, R05W, SEC. 25, S1/2SW.

T28N, R05W, SEC. 26, SESE.

T28N, R05W, SEC. 35, E1/2NE.

T28N, R05W, SEC. 36, NW,W1/2NE,N1/2SW,N1/2SE,SESE.

Kalkaska County, Advertised Price \$82,723.10, 322.6 Acres, Red Pine, Hardwood.

SALE NOTE: Payment Units 1, 2, 3, 4, 5 & 7 must be chip harvested. There is an oak wilt restriction on Payment Unit 6.

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.

Vernal Hammerhead (61-125-23) / T27N, R06W, SEC. 23, SENE, NESE.

T27N, R06W, SEC. 24, NW,N1/2SW.

Kalkaska County, Advertised Price \$54,117.85, 51.8 Acres, Hardwood, Aspen.

SALE NOTE: This sale requires the use of crane mats, please see sale map and sale specific specs for details and location.

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

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

Bids must be received by the Unit Manager, TRAVERSE CITY OFFICE, 2122 M 37 South, Traverse City, MI 49685, no later than 4:00 p.m. (local time) on March 21, 2024. For further information concerning this sale, contact Patrick Cotant at 231-649-0544.

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

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TIMBER SALE INFORMATION

Pre-School Aspen (61-102-24)
T28N, R06W, SEC. 19.
Kalkaska County (Advertised Price \$55,767.05)

SALE NOTE: Refer to Spec 5.2.22.1 - A portion of the sale is lowland aspen & should be cut during dry summer/frozen winter conditions.

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

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	ADV	ERTISED PRICE
Sawtimber				
Black Cherry	22.5	MBF	\$	168.00 / MBF
Paper Birch	1.4	MBF	\$	44.00 / MBF
Red Maple	15.5	MBF	\$	146.00 / MBF
Sugar Maple	14.1	MBF	\$	223.00 / MBF
Pulpwood				
B. T. Aspen	1,596	Cords	\$	20.90 / Cord
Balsam Fir	3	Cords	\$	21.45 / Cord
Mixed Hardwood	618	Cords	\$	20.95 / Cord
Paper Birch	4	Cords	\$	18.45 / Cord
White Pine	3	Cords	\$	25.50 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 20.44 percent. There are an estimated 2,350 cords on this timber sale, plus or minus 480 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:

02

- 1. A bond in the amount of \$2,788.00 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

01

PERCENT OF TOTAL SALE VALUE
59.1%

59.1% 40.9%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2027.

SALE STATISTICS

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

SALE VOLUMES

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

VOL	VOLUME		VOLUME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM		
185,636	2,350	20.44%	1,870	2,830		

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
111	185,636	2,350	20.44%	1,870	2,830
TOTAL:	185,636	2,350		1,870	2,830

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.

		2	22.8
111	55.7	1	32.9
VDU	VDU ACRES	PU	PU ACRES

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	13.3	MBF	32.9	\$32,970.90
	Paper Birch		0.8	MBF		
	Red Maple		9.2	MBF		
	Sugar Maple		8.3	MBF		
	B. T. Aspen	Pulpwood	943	Cords		
	Balsam Fir		2	Cords		
	Mixed Hardwood		366	Cords		
	Beech	Sawtimber	0.6	MBF		
	American Elm	Pulpwood	2	Cords		
	Beech		17	Cords		
	Black Cherry		128	Cords		
	Red Maple		93	Cords		
	Sugar Maple		125	Cords		
	Paper Birch		2	Cords		
	White Pine		2	Cords		
2	Black Cherry	Sawtimber	9.2	MBF	22.8	\$22,796.1
	Paper Birch		0.6	MBF		
	Red Maple		6.3	MBF		
	Sugar Maple		5.8	MBF		
	B. T. Aspen	Pulpwood	653	Cords		
	Balsam Fir		1	Cords		
	Mixed Hardwood		252	Cords		
	Beech	Sawtimber	0.5	MBF		
	American Elm	Pulpwood	1	Cords		
	Beech		11	Cords		
	Black Cherry		89	Cords		
	Red Maple		64	Cords		
	Sugar Maple		86	Cords		
	Paper Birch		2	Cords		
	White Pine		1	Cords		
		TOTAL:	53.5	MBF		
		TOTAL:	2,224	Cords		

Sale Specific Conditions & Requirements

Sale Name: Pre-School Aspen Sale Number: 61-102-24 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 paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

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

- Do not cut any cedar or hemlock.
- Do not cut any white pine that are twenty (20) inches or more at DBH.
- Do not cut or damage any balsam fir that are four (4) inches or less at DBH.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for all trees.

2.2.11 - Chipping restriction (9/14)

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

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 & 2 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.

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.

4.1.11 - Permits (2/12)

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

4.1.12 - No new roads (1/12)

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

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 30 inches in height.

5.2.4 - Dead and Down Creation

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

To encourage grouse and other wildlife, in Payment Unit(s) 1 & 2 leave one, 12" diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres and leave 1 large pile consisting of treetops for every 2 acres within the Sale Area. These trees will be evenly scattered throughout the Payment Unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles. This can be an unmerchantable piece or a full tree.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1 & 2, cutting and skidding occur during dry summer or frozen winter conditions. The reason for the recommendation is to prevent rutting in lowland areas within the stand.

5.2.29 - Shrub protection (1/20)

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

5.2.32 - 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.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

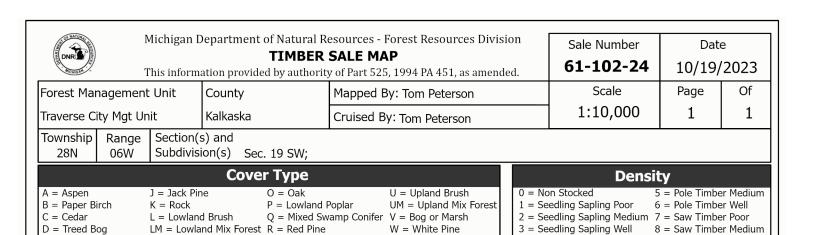
6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on all county & state roads used for hauling 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 12/26/2023 1:55:28PM



X = Non Stocked

Y = Sand

Z = Water

3 = Seedling Sapling Well

4 = Pole Timber Poor

8 = Saw Timber Medium

9 = Saw Timber Well

PU # Acres 32.9 2 22.8

D = Treed Bog

F = Spruce/Fir

G = Grass

H = Hemlock

Pre-School Aspen 55.7 Acres

LM = Lowland Mix Forest R = Red Pine

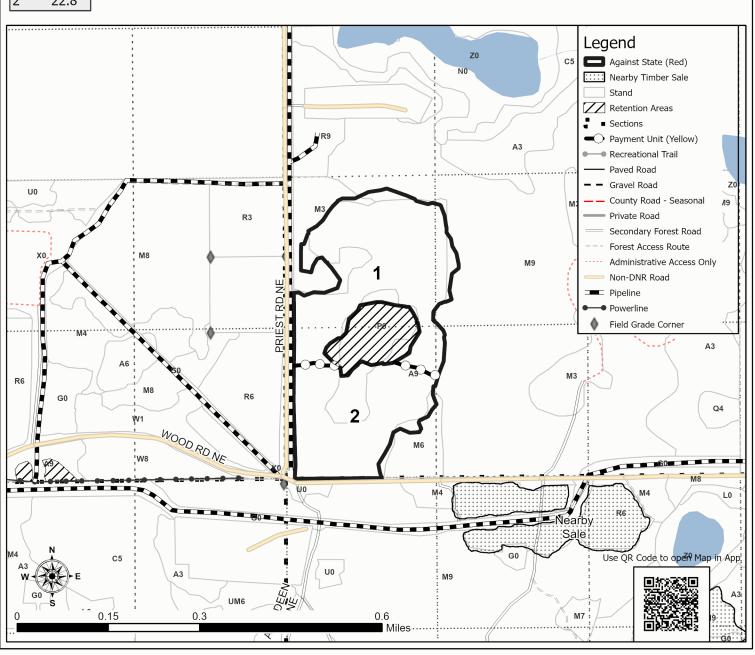
T = Tamarack

E = Swamp Hardwoods M = Maple, Beech, Birch S = Black Spruce

MC = Mixed Conifer

N = Marsh

MD = Mixed Deciduous



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TIMBER SALE INFORMATION

Farewell Miggy Red Pine (61-103-24)

T25N, R07W, SEC. 24.

Kalkaska County (Advertised Price \$37,554.25)

SALE NOTE: Sale has a 'no activity' period of May 1st to August 16th. This is because of the adjacent Kirkland Warbler habitat.

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

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	<u>ADVI</u>	ERTISED PRICE
Sawtimber Red Pine Pulpwood	12.6	MBF	\$	129.00 / MBF
Black Cherry	7	Cords	\$	20.95 / Cord
Jack Pine	24	Cords	\$	23.90 / Cord
Red Pine	707	Cords	\$	49.80 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 22.18 percent. There are an estimated 768 cords on this timber sale, plus or minus 170 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 \$3,755.00 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

43.9% 02 56.1%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 09/30/2027.

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			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
60,662	768	22.18%	598	938

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
78	60,662	768	22.19%	598	938
TOTAL:	60,662	768		598	938

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
78	76.6	1	33.6
		2	43.0
TOTAL:	76.6		76.6

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	5.5	MBF	33.6	\$16,473.25
	Black Cherry	Pulpwood	3	Cords		
	Jack Pine		11	Cords		
	Red Pine		310	Cords		
2	Red Pine	Sawtimber	7.1	MBF	43.0	\$21,081.00
	Black Cherry	Pulpwood	4	Cords		
	Jack Pine		13	Cords		
	Red Pine		397	Cords		
		TOTAL:	12.6	MBF		
		TOTAL:	738	Cords		

Sale Specific Conditions & Requirements

Sale Name: Farewell Miggy Red Pine Sale Number: 61-103-24 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 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 and is along the two track. 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 and 2, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, cut all jack pine trees.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees.

2.2.4 - Skidding length (2/14)

Skidding of lengths over 17 feet is permissible as long as the Sale Administrator approves the method and machinery used. If at any point damage exceeds specification 3.4.1, all of the remaining wood must be skid in lengths less than 17 feet.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 and 2 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.

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

4.1.6 - Road construction (1/09)

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

4.1.12 - No new roads (1/12)

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

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations, to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

5.2.20 - Equipment width (2/04)

Equipment used to remove designated rows must be capable of moving through cut rows without damaging residual trees.

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.

5.2.37 - No decking areas (12/08)

No decking is allowed within the wildlife openings designated on the Timber Sale Map.

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 are 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.8 - Protection of Endangered Species

5.8.2 - Kirtland's warbler (2) (10/12)

This sale is adjacent to a young jack pine stand which is being used by an endangered species (Kirtland's Warbler). Due to the close proximity to occupied Kirtland's Warbler habitat, all operations are confined to August 16 through May 1 for this sale. Absolutely no operations will be allowed the remainder of the year.

5.8.5 - Protection of raptor nests (3/13)

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

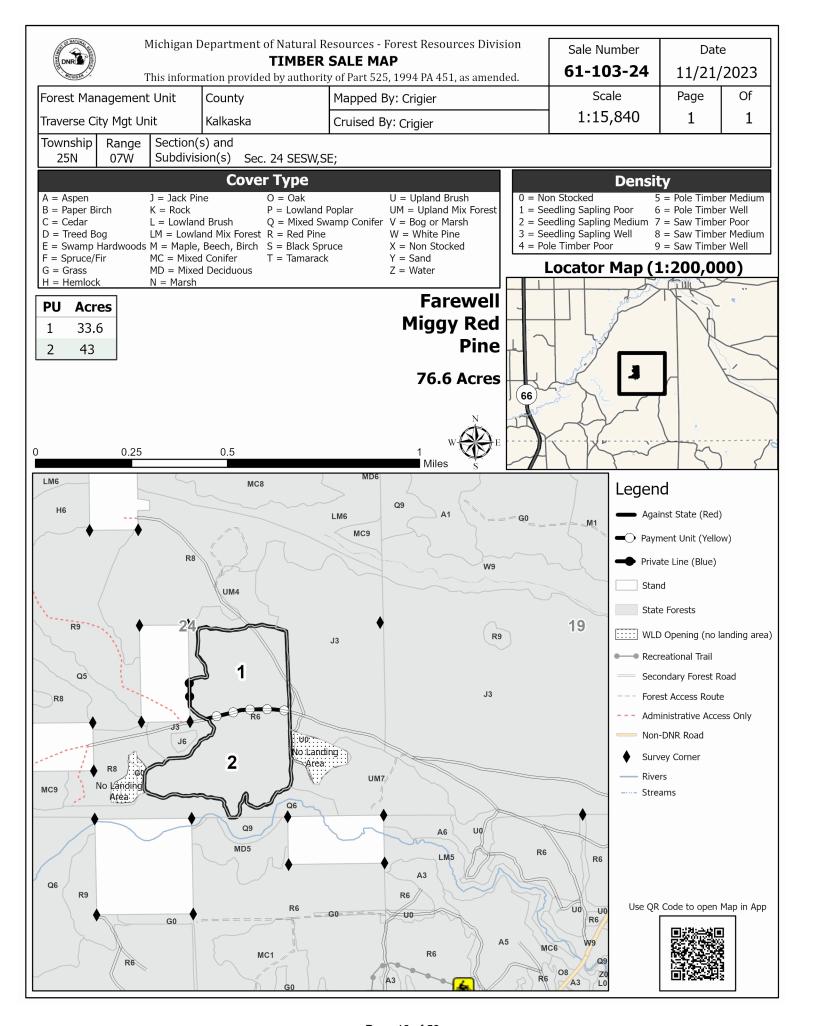
6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

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

Section Name: Sale Specific Current as of 2/13/2024 5:35:33PM



TIMBER SALE INFORMATION

Snoring Red Pine (61-104-24) T28N, R07W, SEC. 13. Kalkaska County (Advertised Price \$55,377.60)

SALE NOTE: Spec 5.2.3.3 Bark Slip Spec Applies to all payment units within sale.

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 ESTIMATED UNITS* ADVERTISED PRICE

Pulpwood

Red Pine 1,112 Cords \$ 49.80 / Cord

BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$2,769.00 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 51.0%

01 51.0% 02 49.0%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 09/30/2026.

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 COI		ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM	
87,833	1,112	9.16%	1,010	1,214

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
6	87,833	1,112	9.17%	1,010	1,214
TOTAL:	87,833	1,112		1,010	1,214

^{*} The total volume is statistically estimated within plus (+) or minus (-) 9.16 percent. There are an estimated 1, 112 cords on this timber sale, plus or minus 102 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.

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

TOTAL:	55.3	2	27.1 55.3
6	55.3	1	28.2
VDU	VDU ACRES	PU	PU ACRES

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Pulpwood	567	Cords	28.2	\$28,236.60
2	Red Pine	Pulpwood	545	Cords	27.1	\$27,141.00
		TOTAL:	1,112	Cords		

Sale Specific Conditions & Requirements

Sale Name: Snoring Red Pine Sale Number: 61-104-24 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. Wildlife openings are marked with red paint; no harvesting activities may occur within these areas.

2 - Timber Specifications

2.1 - Included Timber

2.1.8 - Designated plantation row unit(s) (12/08)

Within Payment Unit(s) 1 & 2, all red pine trees which meet minimum piece specifications in 2.2 Utilization, within designated plantation rows are designated for cutting. Designated plantation rows follow a leave 2 rows, cut 1 row pattern. Begin with the third row in from the outside of the plantation, then continue every third row. Because of the variability of row direction, it shall be the responsibility of the producer to maintain the third-row sequence. Do not cut any other species besides red pine.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees.

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Units 1 & 2. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length. Trees must be harvested with in-woods processor (feller bunching harvester will not be allowed) in order to avoid damaging residual trees in adjacent rows.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 & 2 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.

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.

4.1.11 - Permits (2/12)

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

4.1.12 - No new roads (1/12)

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

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

sale.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 30 inches in height.

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1 & 2, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

5.2.20 - Equipment width (2/04)

Equipment used to remove designated rows must be capable of moving through cut rows without damaging residual trees.

5.2.32 - Decking/landing restoration (9/13)

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

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

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

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

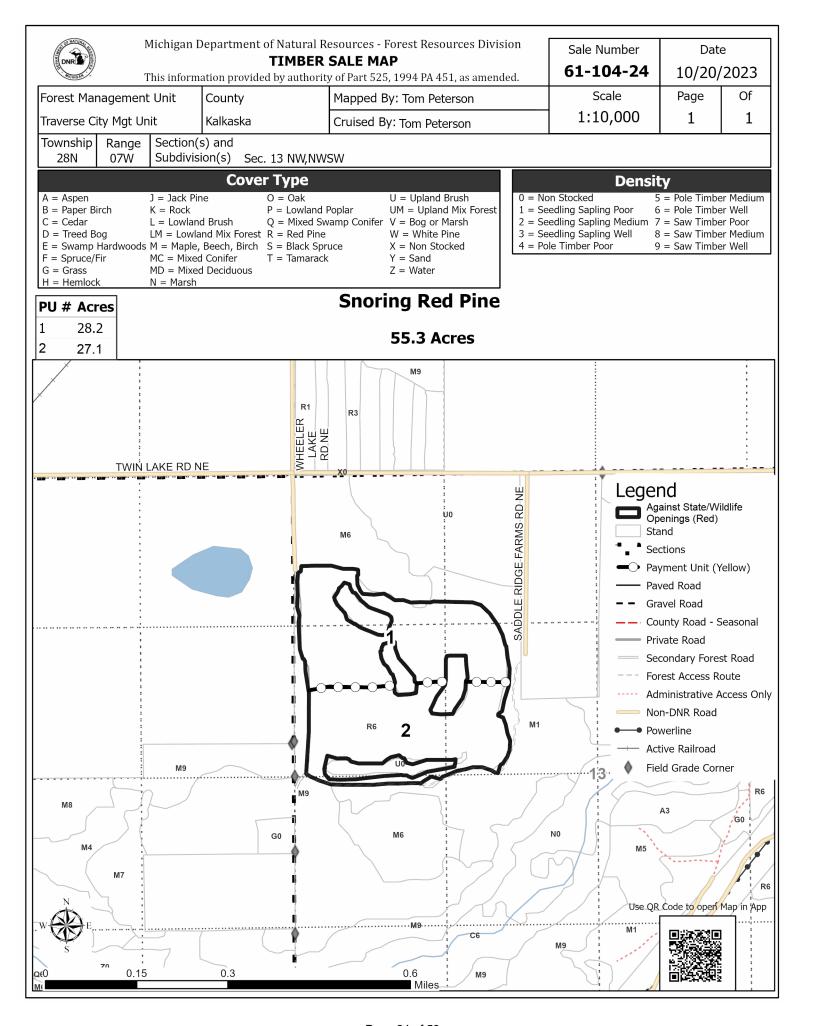
6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on all county roads and state two-tracks that are impacted by the timber sale 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 12/27/2023 7:11:24PM



TIMBER SALE INFORMATION

Bear Lake Hardwoods 2 (61-109-24)

T27N, R05W, SEC. 11; T27N, R05W, SEC. 13; T27N, R05W, SEC. 14; T27N, R05W, SEC. 23; T27N, R05W, SEC. 24. Kalkaska County (Advertised Price \$211,947.80)

SALE NOTE: This sale has an oak wilt restriction. This restriction applies to the entire Sale Area, and there are no exceptions. (See Spec 5.2.3.4)

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	ESTIMATED UNITS*		AD\	ADVERTISED PRICE	
Sawtimber					
Beech	34.3	MBF	\$	126.00 / MBF	
Black Cherry	8.4	MBF	\$	139.00 / MBF	
Red Maple	112.9	MBF	\$	121.00 / MBF	
Sugar Maple	881.3	MBF	\$	184.00 / MBF	
Pulpwood					
Mixed Aspen	7	Cords	\$	17.30 / Cord	
Mixed Hardwood	1,764	Cords	\$	17.30 / Cord	

^{*} The total volume is statistically estimated within plus (+) or minus (-) 18.88 percent. There are an estimated 5,166 cords on this timber sale, plus or minus 976 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 \$10,597.00 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	17.6%
02	11.5%
03	12.4%
04	13.2%
05	1.6%
06	14.3%
07	16.6%
08	12.8%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 09/30/2027.

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	
408,143	5,166	18.88%	4,191	6,142	

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	153,291	1,940	17.74%	1,596	2,285
2	12,355	156	33.20%	104	208
5	169,286	2,143	16.52%	1,789	2,497
7	73,212	927	25.66%	689	1,165
TOTAL:	408,143	5,166		4,179	6,154

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
1	96.7	2	30.0
		3	32.4
		4	34.3
2	7.1	5	7.1
5	115.4	6	37.7
		7	43.9
		8	33.8
7	41.9	1	41.9
TOTAL:	261.1		261.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	1.8	MBF	41.9	\$37,321.90
	Red Maple		25.5	MBF		
	Sugar Maple		151.8	MBF		
	Mixed Aspen	Pulpwood	4	Cords		
	Quaking Aspen	Sawtimber	1.0	MBF		
	Quaking Aspen	Pulpwood	2	Cords		
	Mixed Hardwood		346	Cords		
	Black Cherry		1	Cords		
	Ironwood		12	Cords		
	Red Maple		45	Cords		
	Sugar Maple		288	Cords		
2	Beech	Sawtimber	9.8	MBF	30.0	\$24,401.40
	Black Cherry		0.8	MBF		
	Red Maple		18.1	MBF		
	Sugar Maple		94.5	MBF		
	Mixed Hardwood	Pulpwood	201	Cords		
	Beech		10	Cords		
	Black Cherry		2	Cords		
	Ironwood		1	Cords		
	Red Maple		17	Cords		
	Sugar Maple		171	Cords		
3	Beech	Sawtimber	10.6	MBF	32.4	\$26,376.20
	Black Cherry		0.8	MBF		
	Red Maple		19.6	MBF		
s	Sugar Maple		102.1	MBF		
	Mixed Hardwood	Pulpwood	218	Cords		
	Beech		11	Cords		
	Black Cherry		3	Cords		
	Ironwood		1	Cords		
	Red Maple		19	Cords		
	Sugar Maple		184	Cords		
4	Beech	Sawtimber	11.2	MBF	34.3	\$27,926.60
•	Black Cherry	Cawambon	0.9	MBF	01.0	Ψ27,020.00
	Red Maple		20.7	MBF		
	Sugar Maple		108.0	MBF		
	Mixed Hardwood	Pulpwood	232	Cords		
	Beech	I alpwood	13	Cords		
	Black Cherry		3	Cords		
	Ironwood		1	Cords		
	Red Maple		20	Cords		
	Sugar Maple		195	Cords		
5	Beech	Sawtimber	0.6	MBF	7.1	\$3,370.60
5		Sawumber	4.1		7.1	\$3,370.00
	Black Cherry			MBF		
	Red Maple		4.1	MBF		
	Sugar Maple	Dulawaad	2.9	MBF		
	Mixed Aspen	Pulpwood	3	Cords		
	Quaking Aspen	Sawtimber	1.1	MBF		
	Quaking Aspen	Pulpwood	1	Cords		
	Mixed Hardwood		95	Cords		
	Beech		2	Cords		
	Black Cherry		16	Cords		
	Ironwood		7	Cords		
	Red Maple		9	Cords		
	Sugar Maple		61	Cords		
6	Beech	Sawtimber	0.7	MBF	37.7	\$30,230.60
	Red Maple	ı	8.1	MBF	I	i e e e e e e e e e e e e e e e e e e e

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Sugar Maple	Sawtimber	137.9	MBF		
	Mixed Hardwood	Pulpwood	219	Cords		
	Black Cherry		4	Cords		
	Ironwood		2	Cords		
	Red Maple		17	Cords		
	Sugar Maple		196	Cords		
7	Beech	Sawtimber	0.8	MBF	43.9	\$35,211.10
	Red Maple		9.5	MBF		
	Sugar Maple		160.5	MBF		
	Mixed Hardwood	Pulpwood	256	Cords		
	Black Cherry		5	Cords		
	Ironwood		3	Cords		
	Red Maple		20	Cords		
	Sugar Maple		228	Cords		
8	Beech	Sawtimber	0.6	MBF	33.8	\$27,109.40
	Red Maple		7.3	MBF		
	Sugar Maple		123.6	MBF		
	Mixed Hardwood	Pulpwood	197	Cords		
	Black Cherry		4	Cords		
	Ironwood		2	Cords		
	Red Maple		16	Cords		
	Sugar Maple		175	Cords		
		TOTAL:	1,036.9	MBF		
		TOTAL:	1,771	Cords		

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Sale Specific Conditions & Requirements

Sale Name: Bear Lake Hardwoods 2 Sale Number: 61-109-24 Seg#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. 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 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) 1-8, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, within all Payment Units, cut all beech and aspen, except do not cut any beech or aspen marked with an orange "X". Regeneration gaps are also scattered throughout the Sale Area. Regeneration gaps are marked with green paint. Green trees are not included in timber sale. Cut all trees down to 1 inch in DBH within these gaps. Protect any sugar maple regeneration within gaps. All sugar maple cut within in gaps need to have 36 inches worth of top / brush stacked directly on their stumps to discourage deer from eating stump sprouts. See map for details for gap locations.

2.2 - Utilization

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.

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Units 1-8. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) greater than \$30,000 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.

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)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. See map for location for these roads. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. All stumps and brush from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. The stumps and brush must be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary highway and county road permits that may be required.

4.1.12 - No new roads (1/12)

No new roads will be permitted. All operations are limited to existing roads and forest access roads. Skid trails will only be allowed.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations, to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 30 inches in height.

5.2.3 - Operating Restrictions

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

Within all Payment Unit(s), cutting, skidding, 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.

5.2.32 - Decking/landing restoration (9/13)

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

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

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

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

The ORV trail is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

5.2.40 - Pathway protection (10/10)

The horse trail 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 are 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

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 all county and state roads prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.3 - Recreational trail posting (10/20)

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

Section Name: Sale Specific Current as of 2/15/2024 7:01:58PM



Michigan Department of Natural Resources - Forest Resources Division

TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended

Sale Number	Date	2
61-109-24	02/02/202	
-	,	0.0

1 IIIS IIIIOI III	ation provided by authorit	y of Fart 323, 1994 FA 431, as afficilited.			
Forest Management Unit	County	Mapped By: Tom Peterson	Scale	Page	Of
Traverse City Mgt Unit	Kalkaska	Cruised By: Contractors	1:15,840	1	1

Township Range Section(s) and NWNW; 27N 05W Subdivision(s) Sec. 11

Subdivision(s) Sec. 11 S1/2SW,SWSE; Sec. 13 SWNW,W1/2SW; Sec. 14 N1/2NW,NE,SE; Sec. 23 N1/2NE; Sec. 24

Cover Type								
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush					
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest					
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh					
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine					
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked					
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand					
G = Grass	MD = Mixed Deciduous		Z = Water					
H = Hemlock	N = Marsh							

0.25

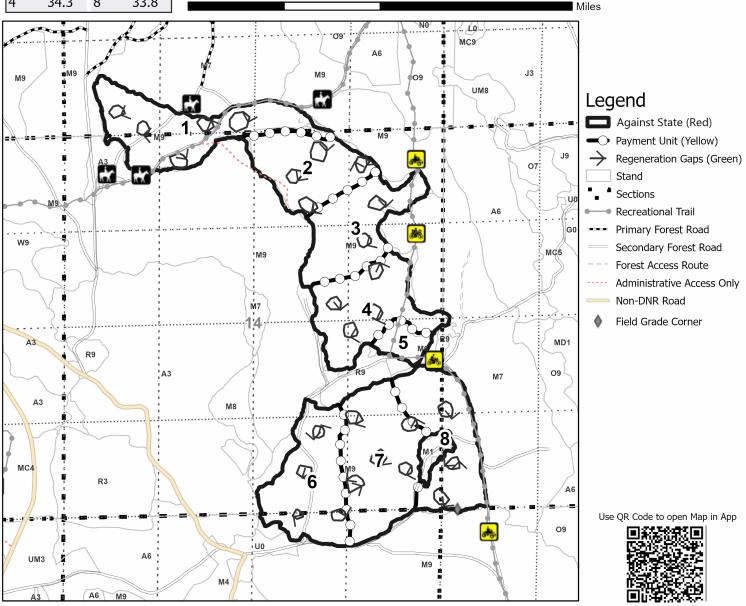
Density								
0 = Non Stocked	5 = Pole Timber Medium							
1 = Seedling Sapling Poor	6 = Pole Timber Well							
2 = Seedling Sapling Medium	7 = Saw Timber Poor							
3 = Seedling Sapling Well	8 = Saw Timber Medium							
4 = Pole Timber Poor	9 = Saw Timber Well							

PU	Acres	PU	Acres
1	41.9	5	7.1
2	30	6	37.7
3	32.4	7	43.9
4	34.3	8	33.8

Bear Lake Hardwoods 2 261.1 Acres

0.5





TIMBER SALE INFORMATION

Big Ernie Mix (61-118-23)

T28N, R05W, SEC. 25; T28N, R05W, SEC. 26; T28N, R05W, SEC. 35; T28N, R05W, SEC. 36. Kalkaska County (Advertised Price \$82,723.10)

SALE NOTE: Payment Units 1, 2, 3, 4, 5 & 7 must be chip harvested. There is an oak wilt restriction on Payment Unit 6.

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>adve</u>	RTISED PRICE
Sawtimber				
Black/Red (Hybrid) Oak	1.2	MBF	\$	65.00 / MBF
Red Maple	18.9	MBF	\$	88.00 / MBF
Red Oak	15.8	MBF	\$	90.00 / MBF
Red Pine	453.1	MBF	\$	78.00 / MBF
White Oak	6.2	MBF	\$	51.00 / MBF
White Pine	26.2	MBF	\$	56.00 / MBF
Pulpwood				
Jack Pine	701	Cords	\$	14.35 / Cord
Mixed Aspen	193	Cords	\$	12.55 / Cord
Mixed Hardwood	681	Cords	\$	12.55 / Cord
Mixed Oak	41	Cords	\$	19.35 / Cord
Red Pine	606	Cords	\$	29.90 / Cord
White Pine	163	Cords	\$	15.30 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 11.02 percent. There are an estimated 3,621 cords on this timber sale, plus or minus 399 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 \$6,618.00 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	32.0%
02	3.2%
03	6.7%
04	12.2%
05	23.5%
06	14.5%
07	7.9%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 04/15/2027.

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			STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
286,092	3,621	11.02%	3,222	4,021

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
15	50,891	644	24.08%	489	799
68	26,154	331	31.04%	228	434
74	3,203	41	299.50%	0	162
76	29,322	371	24.36%	281	462
84	41,067	520	29.78%	365	675
92	68,351	865	20.30%	690	1,041
94	1,851	23	115.30%	0	50
97	29,675	376	30.35%	262	490
99	4,758	60	54.31%	28	93
114	21,375	271	34.48%	177	364
681	9,447	120	149.29%	0	298
TOTAL:	286,092	3,621		2,519	4,867

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
15	35.9	1	35.9
68	58.3	3	58.3
74	2.4	4	2.4
76	32.0	1	13.7
		4	8.7
		5	9.6
84	35.8	1	20.6
		2	7.3
		5	7.9
92	48.3	4	11.0
		5	37.3
94	13.6	2	7.0
		5	6.6
97	46.7	6	46.7
99	17.7	2	4.9
		5	12.8
114	19.5	7	19.5
681	12.4	4	12.4
TOTAL:	322.6		322.6

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	1.9	MBF	70.2	\$26,431.70
	Red Oak		8.7	MBF		
	Red Pine		159.0	MBF		
	White Pine		6.9	MBF		
	Jack Pine	Pulpwood	225	Cords		
	Jack Pine		225	Cords		
	Mixed Aspen		70	Cords		
	Quaking Aspen		70	Cords		
	Mixed Hardwood		138	Cords		
	Black Cherry		1	Cords		
	Red Maple		137	Cords		
	Mixed Oak		13	Cords		
	Red Oak		13	Cords		
	Red Pine		207	Cords		
	White Pine		27	Cords		
2	Red Maple	Sawtimber	0.3	MBF	19.2	\$2,688.45
	Red Oak		0.2	MBF		, ,
	Red Pine		15.8	MBF		
	White Pine		0.1	MBF		
	Jack Pine	Pulpwood	31	Cords		
	Jack Pine		31	Cords		
	Mixed Aspen		16	Cords		
	Quaking Aspen		16	Cords		
	Mixed Hardwood		35	Cords		
	Black Cherry		1	Cords		
	Red Maple		34	Cords		
	Mixed Oak		1	Cords		
	Red Oak		1	Cords		
	Red Pine		6	Cords		
	White Pine		8	Cords		
3	Red Pine	Sawtimber	13.8	MBF	58.3	\$5,576.85
J	White Pine	Cawamber	1.6	MBF	00.0	ψο,ο το.οο
	Jack Pine	Pulpwood	48	Cords		
	Jack Pine	l ulpwood	48	Cords		
	Mixed Aspen		36	Cords		
	B. T. Aspen		33	Cords		
	Quaking Aspen		3	Cords		
	Mixed Hardwood		185	Cords		
	Black Cherry		7	Cords		
	Red Maple		178	Cords		
	Red Pine		22	Cords		
	White Pine		19	Cords		
4		04:			04.5	#40.07F.00
4	Red Maple	Sawtimber	9.5	MBF	34.5	\$10,075.20
	Red Oak		1.6	MBF		
	Red Pine		43.9	MBF		
	White Oak		1.4	MBF		
	White Pine	Dulmaus - d	3.9	MBF		
	Jack Pine	Pulpwood	91	Cords		
	Jack Pine		91	Cords		
	Mixed Aspen		17	Cords		
	B. T. Aspen		5	Cords		
	Quaking Aspen		12	Cords		
	Mixed Hardwood		82	Cords		
	Black Cherry		2	Cords		
	Red Maple	I	80	Cords	1	

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Mixed Oak	Pulpwood	6	Cords		
	Red Oak		2	Cords		
	White Oak		4	Cords		
	Red Pine		75	Cords		
	White Pine		31	Cords		
5	Red Maple	Sawtimber	7.2	MBF	74.2	\$19,478.05
	Red Oak		5.3	MBF		
	Red Pine		85.5	MBF		
	White Oak		4.8	MBF		
	White Pine		8.0	MBF		
	Jack Pine	Pulpwood	213	Cords		
	Jack Pine		213	Cords		
	Mixed Aspen		54	Cords		
	B. T. Aspen		19	Cords		
	Quaking Aspen		35	Cords		
	Mixed Hardwood		211	Cords		
	Black Cherry		6	Cords		
	Red Maple		205	Cords		
	Mixed Oak		19	Cords		
	Red Oak		6	Cords		
	White Oak		13	Cords		
	Red Pine		106	Cords		
	White Pine		71	Cords		
6	Red Pine	Sawtimber	91.8	MBF	46.7	\$11,974.30
	Red Pine	Pulpwood	161	Cords		,
7	Black/Red (Hybrid	Sawtimber	1.2	MBF	19.5	\$6,498.5
	Red Pine		43.3	MBF		
	White Pine		5.7	MBF		
	Jack Pine	Pulpwood	93	Cords		
	Jack Pine	Sawtimber	5.3	MBF		
	Jack Pine	Pulpwood	82	Cords		
	Mixed Hardwood		30	Cords		
	Red Maple		30	Cords		
	Mixed Oak		2	Cords		
	/Red (Hybrid) Oak		2	Cords		
	Red Pine		29	Cords		
	White Pine		7	Cords		
		TOTAL:	521.4	MBF	'	

Sale Specific Conditions & Requirements

Sale Name: Big Ernie Mix Sale Number: 61-118-23 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected, except trees marked with red paint along Deward road and the powerline may be harvested. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, 2, 4, 5 & 7, cut all trees that are one (1) inch or more at DBH.

2.1.5 - Overstory removal unit(s) (8/11)

Within Payment Unit(s) 6, all red pine trees with a DBH equal to or greater than 6 DBH which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except do not cut any red pine trees marked with green paint.

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

Within Payment Unit(s) 3, cut all trees that are two (2) inches or more at DBH, except oak and any pine trees that are sixteen (16) inches or more at DBH and trees marked with green paint above and below stump height.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 1, 2, 3, 4, 5 & 7 must be chip harvested to facilitate subsequent planting and prescribed fire operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) with a value greater than \$15,000 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.

4 - Transportation

4.1 - Construction

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 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. Contact the Sale Administrator for specific details of design and placement.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 3 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

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

Within Payment Unit 6, cutting and skidding within the Payment Unit and brushing of access roads to the Payment Unit 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.

5.2.29 - Shrub protection (1/20)

Within Payment Unit 3, do not cut or damage hawthorn, witch-hazel, dogwood or juneberry. These woody-shrub plants are highly beneficial to various wildlife species.

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.

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

There is an ORV trail and it is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. All stumps within 5 feet of the trail must be cut off at least 5 feet above ground level. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail as the centerline. Do not run equipment down the ORV trail. Skidding across the trail may only occur in locations approved by the Sale Administrator.

5.2.41 - Snowmobile trail protection (9/11)

A snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

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 Deward Road and any other roads used for hauling. prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

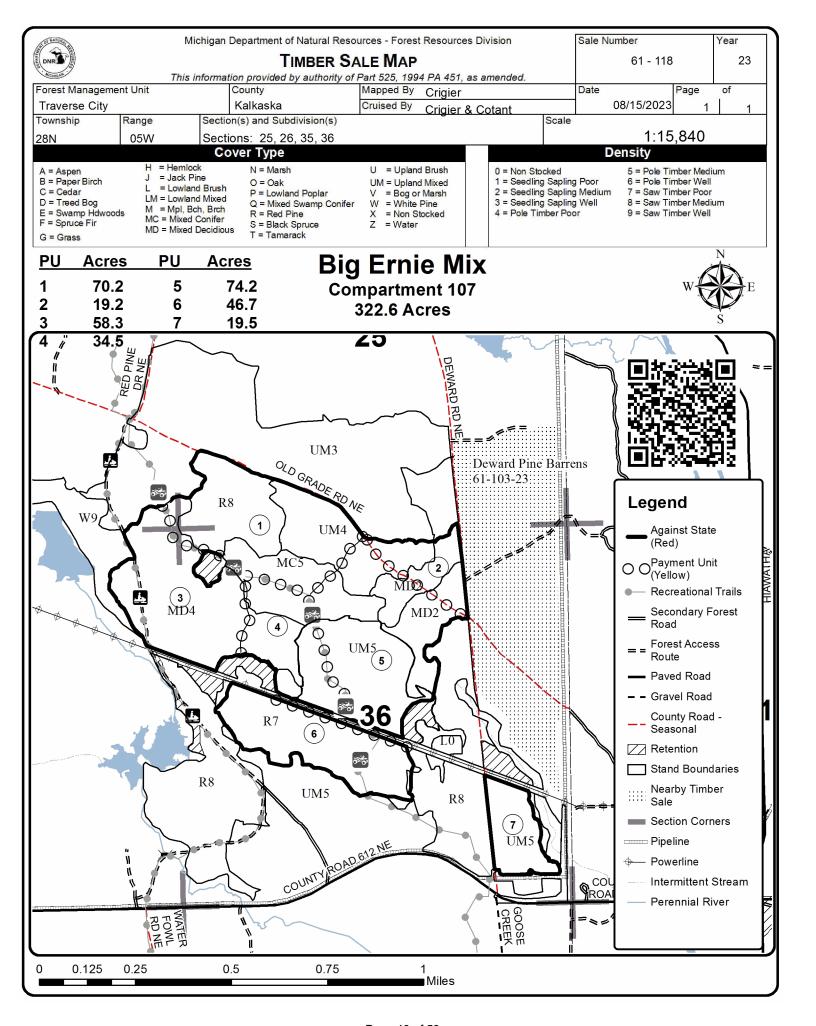
6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.3 - Recreational trail posting (10/20)

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

Section Name: Sale Specific Current as of 11/28/2023 9:04:17PM



TIMBER SALE INFORMATION

Vernal Hammerhead (61-125-23)
T27N, R06W, SEC. 23; T27N, R06W, SEC. 24.
Kalkaska County (Advertised Price \$54,117.85)

SALE NOTE: This sale requires the use of crane mats, please see sale map and sale specific specs for details and location.

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	ESTIMATED UNITS*		<u>ADV</u>	ERTISED PRICE
Sawtimber				
B. T. Aspen	23.2	MBF	\$	128.00 / MBF
Basswood	1.7	MBF	\$	79.00 / MBF
Black Cherry	77.0	MBF	\$	145.00 / MBF
Red Maple	178.6	MBF	\$	127.00 / MBF
Sugar Maple	15.4	MBF	\$	193.00 / MBF
Pulpwood				
B. T. Aspen	197	Cords	\$	18.10 / Cord
Basswood	6	Cords	\$	13.95 / Cord
Mixed Hardwood	581	Cords	\$	18.15 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 15.70 percent. There are an estimated 1,473 cords on this timber sale, plus or minus 231 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 \$5,412.00 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 51.6%

02 48.4%

- 02
 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2027.

SALE STATISTICS

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

SALE VOLUMES

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

VOL	UME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM	
116,390	1,473	15.70%	1,242	1,705	

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
46	51,744	655	19.46%	528	782
48	47,018	595	26.46%	438	753
49	17,628	223	61.58%	86	361
TOTAL:	116,390	1,473		1,051	1,896

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.

48 49	23.0 10.2	1	23.0 10.2
_		1	
_		1	
46	18.6	2	18.6
VDU	VDU ACRES	PU	PU ACRES

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	15.3	MBF	33.2	\$27,906.75
	Black Cherry		31.4	MBF		
	Red Maple		87.2	MBF		
	Sugar Maple		8.0	MBF		
	B. T. Aspen	Pulpwood	153	Cords		
	Mixed Hardwood		331	Cords		
	Black Cherry		69	Cords		
	Red Maple		243	Cords		
	Sugar Maple		19	Cords		
2	B. T. Aspen	Sawtimber	7.9	MBF	18.6	\$26,211.10
	Basswood		1.7	MBF		
	Black Cherry		45.6	MBF		
	Red Maple		91.4	MBF		
	Sugar Maple		7.4	MBF		
	B. T. Aspen	Pulpwood	44	Cords		
	Basswood		6	Cords		
	Mixed Hardwood		250	Cords		
	Black Cherry		59	Cords		
	Red Maple		181	Cords		
	Sugar Maple		10	Cords		
		TOTAL:	295.9	MBF		
		TOTAL:	784	Cords		

Sale Specific Conditions & Requirements

Sale Name: Vernal Hammerhead Sale Number: 61-125-23 Seg#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Vernal ponds and intermittent streams are also marked out in red paint and timber harvesting operations should not enter these areas, unless utilizing directed crossings via the timber sale map. Interior Payment Unit boundaries are marked with yellow 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 & 2, cut all trees that are two (2) inches or more at DBH, except white pine, hemlock, balsam fir or oak. In addition, in Payment Unit 2, leave all trees marked with green paint. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

2.1.16 - Timber along county or forest roads (6/14)

Cut and remove all standing trees 4.6" DBH or greater within 33 feet of the center line of county road "Sunset Trail".

2.2 - Utilization

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.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

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

3.4 - Damaged Timber

3.4.1 - 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 Sale Area, 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 \$200 per acre for all acreage within that specified portion of the sale area that was damaged.

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

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. The road accessing the southern portions of Payment Units 1 & 2 shall be bermed at Sunset Trail when all timber sale operations are complete. Skid trails only will be allowed.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: Within 30 days of completion of hauling, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning a Payment Unit to determine landing and road locations. The Sale Administrator must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 2, cutting, skidding, and hauling are limited to frozen winter or dry summer conditions. This restriction is due to intermittent streams, wet soil conditions and vernal ponds.

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

Some skid trails require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. Approximately 250-300 feet of skid trail will need extra protection at locations shown on the Timber Sale Map. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment will be used to document the Purchaser's use of the DNR's mats. Contact the Sale Administrator regarding availability and pick-up. Timber mats are available from various field offices. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the Sale Administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

5.2.29 - Shrub protection (1/20)

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

5.2.32 - 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.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately in Payment Unit 1, if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.4.7 - Rutting restriction, Riparian Management Zone (RMZ) (1/09)

Payment Unit 2 is within the Riparian Management Zone (RMZ), as shown on the attached Timber Sale Map, and operations are to cease immediately if equipment and weather conditions result in rutting of roads and skid trails which is 6 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.

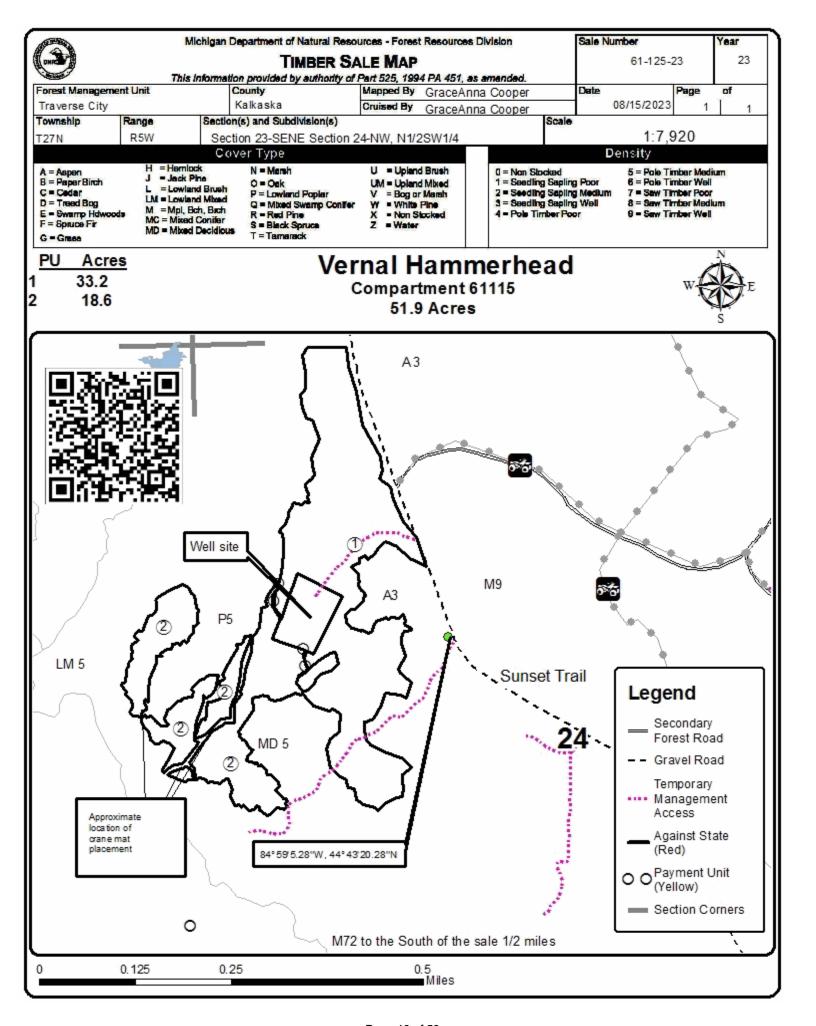
6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

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

Section Name: Sale Specific Current as of 11/28/2023 9:24:59PM



BID FORM

TRAVERSE CITY MANAGEMENT UNIT TRAVERSE CITY OFFICE

Vernal Hammerhead (61-125-23)

T27N, R06W, SEC. 23; T27N, R06W, SEC. 24; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on March 21, 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.

<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
23.2	MBF	\$	128.00/MBF	\$
1.7	MBF	\$	79.00/MBF	\$
77.0	MBF	\$	145.00/MBF	\$
178.6	MBF	\$	127.00/MBF	\$
15.4	MBF	\$	193.00/MBF	\$
197	Cords	\$	18.10/Cord	\$
6	Cords	\$	13.95/Cord	\$
581	Cords	\$	18.15/Cord	\$
	23.2 1.7 77.0 178.6 15.4 197	77.0 MBF 178.6 MBF 15.4 MBF 197 Cords 6 Cords	23.2 MBF \$ 1.7 MBF \$ 77.0 MBF \$ 178.6 MBF \$ 15.4 MBF \$ 197 Cords \$ 6 Cords \$	23.2 MBF \$ 128.00/MBF 1.7 MBF \$ 79.00/MBF 77.0 MBF \$ 145.00/MBF 178.6 MBF \$ 127.00/MBF 15.4 MBF \$ 193.00/MBF 197 Cords \$ 18.10/Cord 6 Cords \$ 13.95/Cord

*The volumes are statistically estimated within plus (+) or minus (-) 15.70 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: ___-_ or SOCIAL SECURITY NUMBER: ___-

	Company or individual bidding:						
	Company representative's name:						
	Address:						
	City:	State:	Zip:				
IF AVAILA	ABLE, PLEASE PLACE THE PERSON	NALIZED LABEL FROM	YOUR PROSPECTUS IN TH	HE ABOVE BOX.			
Individual	or company representative's signatur	e:		Date:			
Phone nu	ımber :	Fmail (d	optional):				



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

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

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

FEDERAL ID:

BID FORM

TRAVERSE CITY MANAGEMENT UNIT TRAVERSE CITY OFFICE

Pre-School Aspen (61-102-24)
T28N, R06W, SEC. 19; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on March 21, 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	<u>ESTIMATED</u>	<u>VOLUME*</u>	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Sawtimber					
Black Cherry	22.5	MBF	\$	168.00/MBF	\$
Paper Birch	1.4	MBF	\$	44.00/MBF	\$
Red Maple	15.5	MBF	\$	146.00/MBF	\$
Sugar Maple	14.1	MBF	\$	223.00/MBF	\$
Pulpwood					
B. T. Aspen	1,596	Cords	\$	20.90/Cord	\$
Balsam Fir	3	Cords	\$	21.45/Cord	\$
Mixed Hardwood	618	Cords	\$	20.95/Cord	\$
Paper Birch	4	Cords	\$	18.45/Cord	\$
White Pine	3	Cords	\$	25.50/Cord	\$
1					

*The volumes are statistically estimated within plus (+) or minus (-) 20.44 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

or SOCIAL SECURITY NUMBER:



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 217 P. A. 1060 (Marker's Compensation) and

Signature of Owner or Authorized Representative

Title

	Part 5 of Act 451 of 1994, as	, ,			
VE	RIFICATION OF WORKER'S DISABILIT	Y COMPENSATION	ON 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 of	except for written s	signatures.		
Ple	ease Check Appropriate Categories:				
1.	My business is organized as (you must check <u>one</u> of the boxes below): A. □ Sole Proprietorship (individual) B. □ Partnership C. □ Corporation				
2.	 You must check one of the boxes below: A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws. B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195). C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award. 				
 If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time than yourself, including family members and active partners (if none, you must enter "0"). 					
	Full-time En	nployees	Part-time Employees		
Nam	ne of Business		Federal ID (or) Social Security No.		
Addı	ress		Telephone ()		
City		State	ZIP		
	ereby certify that the above information is actors affecting my coverage during any c		I agree to notify the Michigan DNR of any changes that occur future operations.		

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

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

Date

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

TRAVERSE CITY MANAGEMENT UNIT TRAVERSE CITY OFFICE

Farewell Miggy Red Pine (61-103-24)
T25N, R07W, SEC. 24; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on March 21, 2024, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	ESTIMATED VOLUME*	ΑI	OVERTISED PRICE	BID PRICE/UNIT
Sawtimber				
Red Pine	12.6 MBF	\$	129.00/MBF	\$
Pulpwood				
Black Cherry	7 Cords	\$	20.95/Cord	\$
Jack Pine	24 Cords	\$	23.90/Cord	\$
Red Pine	707 Cords	\$	49.80/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 22.18 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

	FEDERAL ID:	or SOCIAL SEC	SURTIY 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: Date:					
Phone number : Email (optional):					



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 Ex twenty-one (21) days of the contract award and prior to the issu 			
•	 All Information must be typed or printed except for written sign 	natures.		
Please Check Appropriate Categories:				
1.	 My business is organized as (you must check one of the box A. Sole Proprietorship (individual) B. Partnership C. Corporation 	kes below):		
3.	 2. You must check one of the boxes below: A. \[\] I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws. B. \[\] I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195). C. \[\] I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award. 3. If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0"). Full-time Employees 			
Nam	Name of Business	ederal ID (or) Social Security No.		
Add	Address Te	elephone)		
City	City State ZI	P		
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	Date		

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

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

TRAVERSE CITY MANAGEMENT UNIT TRAVERSE CITY OFFICE

Snoring Red Pine (61-104-24)
T28N, R07W, SEC. 13; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on March 21, 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.

are final and not quantity and qua l understand tha rejected. I also uthe contract base	re statistically estimated t subject to adjustment. ality. at any or all bids may be understand that conside sed upon equipment and	Prospective bidders are urg rejected. All bids must be s ration and awarding a contra staffing subject to my contra	\$ 4 9.16 percent at ed to examine signed and all bact will be base of .	9.80/Cord 95% confidence le this timber and to roid items must be bid upon my past per	\$evel. These estimated volumes make their own estimates of		
*The volumes ar are final and not quantity and qual understand that rejected. I also uthe contract base Comp	t subject to adjustment. ality. at any or all bids may be understand that conside sed upon equipment and	within plus (+) or minus (-) 9 Prospective bidders are urg rejected. All bids must be seration and awarding a contrastaffing subject to my contra	9.16 percent at ed to examine signed and all bact will be base of .	95% confidence le this timber and to r old items must be b d upon my past pe	evel. These estimated volumes make their own estimates of id or the bid form may be		
are final and not quantity and qua l understand tha rejected. I also uthe contract base	t subject to adjustment. ality. at any or all bids may be understand that conside sed upon equipment and	Prospective bidders are urg rejected. All bids must be s ration and awarding a contra staffing subject to my contra	ed to examine signed and all b act will be base ol .	this timber and to r oid items must be b d upon my past pe	make their own estimates of id or the bid form may be		
rejected. I also u the contract base FEDE Comp	understand that conside sed upon equipment and	ration and awarding a contra staffing subject to my contr	oct will be base	d upon my past pe			
Comp		or SOCIAL SE	CURITY NUM				
		FEDERAL ID: or SOCIAL SECURITY NUMBER:					
Comp	Company or individual bidding:						
Company representative's name:							
Addre	ess:						
		State:					
F AVAILABLE, F	PLEASE PLACE THE P	ERSONALIZED LABEL FRO	OM YOUR PRO	OSPECTUS IN THE	E ABOVE BOX.		
ndividual or com	mpany representative's s	signature:			Date:		
Phone number :	<u> </u>	Ema	il (optional):				
Phone number :		Ema	il (optional):				



TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

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

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract. All Information must be typed or printed except for written signatures. Please Check Appropriate Categories:

	A. ☐ Sole Proprietorship (individual)	
	B. Partnership	
	C. Corporation	
2.	2. You must check one of the boxes below:	
	 A. I certify my business is a sole proprietorship and it has no employ. Worker's Compensation Laws. 	ees but the sole proprietor. I am not subject to the
	B. I certify my business has satisfied its o bligation to the Worker's Continuous Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice questions or a copy of the BWC-337, please call the Worker's Continuous Continuo	ce of Exclusion within 21 days of the contract award. (For
	C. I certify my business has a Worker's Compensation Policy. I will pone (21) days of the contract award.	provide an original Certificate of Insurance within twenty-
3.	3. If you have checked item 2(A) or 2(B), you must indicate the n than yourself, including family members and active partners (if no	
	Full-time Employees	Part-time Employees
Nam	Name of Business Federa	I ID (or) Social Security No.
Addı	Address Telepho	one
	()
City	City State ZIP	
	I hereby certify that the above information is true and correct. I agree in factors affecting my coverage during any of my present and future of	
S	Signature of Owner or Authorized Representative	_
T	Title	Date

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

BID FORM

TRAVERSE CITY MANAGEMENT UNIT TRAVERSE CITY OFFICE

Big Ernie Mix (61-118-23)

T28N, R05W, SEC. 25; T28N, R05W, SEC. 26; T28N, R05W, SEC. 35; T28N,

In response to the notice of sale to be held 4:00 p.m. (local time) on March 21, 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.

- 17	PRODUCTS & SPECIES	<u>ESTIMATED</u>	VOLUME*	<u>AD\</u>	/ERTISED PRICE	BID PRICE/UNIT
ľ	Sawtimber Black/Red (Hybrid) Oak	1.2	MBF	c	65.00/MBF	\$
- 1	, , ,			\$,	·
	Red Maple	18.9	MBF	\$	88.00/MBF	\$
	Red Oak	15.8	MBF	\$	90.00/MBF	\$
	Red Pine	453.1	MBF	\$	78.00/MBF	\$
	White Oak	6.2	MBF	\$	51.00/MBF	\$
	White Pine	26.2	MBF	\$	56.00/MBF	\$
	Pulpwood					
	Jack Pine	701	Cords	\$	14.35/Cord	\$
	Mixed Aspen	193	Cords	\$	12.55/Cord	\$
	Mixed Hardwood	681	Cords	\$	12.55/Cord	\$
	Mixed Oak	41	Cords	\$	19.35/Cord	\$
	Red Pine	606	Cords	\$	29.90/Cord	\$
	White Pine	163	Cords	\$	15.30/Cord	\$
- 1						

*The volumes are statistically estimated within plus (+) or minus (-) 11.02 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:			<u></u>	
	Company representative's name:_				
	Address:				
	City:	State:	Zip:		
- AVAILA	BLE, PLEASE PLACE THE PERSC)NALIZED LABEL I	FROM YOUR PROSPE	ECTUS IN THE ABOVE BOX.	
ndividual	dividual or company representative's signature: Date:				
hone nu	mber :	E	Email (optional):		



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

Signature of Owner or Authorized Representative

Title

	Part 5 of Act 451 of 1994, as amende	,			
VΕ	ERIFICATION OF WORKER'S DISABILITY COM	//PENSATIO	ON 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 si	gnatures.		
Ple	ease Check Appropriate Categories:				
1.	My business is organized as (you must check A. ☐ Sole Proprietorship (individual) B. ☐ Partnership C. ☐ Corporation	one of the b	ooxes below):		
2.	 You must check one of the boxes below: A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws. B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195). C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award. 				
3.	If you have checked item 2(A) or 2(B), you m than yourself, including family members and acFull-time Employee	tive partner	the number of both full-time and part-time employees, other is (if none, you must enter "0"). Part-time Employees		
Nam	me of Business		Federal ID (or) Social Security No.		
	dress		Telephone ()		
City	y State		ZIP		
	ereby certify that the above information is true ar factors affecting my coverage during any of my p		agree to notify the Michigan DNR of any changes that occur		

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

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

Date

BID FORM

TRAVERSE CITY MANAGEMENT UNIT TRAVERSE CITY OFFICE

Bear Lake Hardwoods 2 (61-109-24)

T27N, R05W, SEC. 11; T27N, R05W, SEC. 13; T27N, R05W, SEC. 14; T27N,

In response to the notice of sale to be held 4:00 p.m. (local time) on March 21, 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.

\$
\$
\$
\$
\$
\$

*The volumes are statistically estimated within plus (+) or minus (-) 18.88 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: ___-__ or SOCIAL SECURITY NUMBER:__ _ -__ - ___ -

	Company or individual bidding:				
	Company representative's name:_				
	Address:				
	City:	State:	Zip:		
IF AVAILA	ABLE, PLEASE PLACE THE PERSO)NALIZED LABEL F	ROM YOUR PROSP	PECTUS IN THE ABOVE BOX.	
Individua	ndividual or company representative's signature: Date:				
Phone number : Ei			mail (optional):		



TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.

•	All Information must be typed or printed except for written signatures.					
Please Check Appropriate Categories:						
1.	 My business is organized as (you must check <u>one</u> of the boxes below): A. ☐ Sole Proprietorship (individual) B. ☐ Partnership C. ☐ Corporation 					
2.	 You must check one of the boxes below: A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws. B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195). C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award. 					
3.	If you have checked item 2(A) or 2(B), you must indicate than yourself, including family members and active partner Full-time Employees	the number of both full-time and part-time employees, other s (if none, you must enter "0"). Part-time Employees				
Nam	Name of Business	Federal ID (or) Social Security No.				
Add	Address	Telephone ()				
City	City State	ZIP				
n fa	hereby certify that the above information is true and correct. In factors affecting my coverage during any of my present and to Signature of Owner or Authorized Representative					
T	Title	Date				

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