

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN <u>TIMBER SALE PROSPECTUS #7131</u>

<u>SCHEDULED SALE DATE AND TIME:</u> 4:00 p.m. (local time) on November 17, 2022. <u>LOCATION:</u> TRAVERSE CITY MGMT UNIT, 2122 M 37 SOUTH, TRAVERSE CITY, MI 49685.

<u>PROSPECTUS NOTE</u>: Effective immediately: all bid openings for the Traverse City Management Unit (Kalkaska Field Office and Traverse City Field Office) will be held at the Traverse City Field Office regardless of sale location within the unit. All payments will now be handled through the Traverse City Field Office . The Kalkaska Field Office will no longer accept payments or hard paper copies of timber sale bids. Payments for all contracts, use permits, bonds, etc. should be sent to the Traverse City Field Office.

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:

Buck Scrape Mix (61-103-22) / T26N, R08W, SEC. 6 , NW,N1/2NE,N1/2SW. Kalkaska County, Advertised Price \$30,488.65, 121.9 Acres, White Pine, Red Pine.

Buffalo Pine (61-127-22) / T27N, R08W, SEC. 10, E1/2SE. T27N, R08W, SEC. 11, NWSW,S1/2SW. Kalkaska County, Advertised Price \$37,580.65, 76.1 Acres, Red Pine, White Pine.

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

Whitetail Aspen (61-128-22) / T27N, R08W, SEC. 11, SE. T27N, R08W, SEC. 12, NW,NWNE,NESW,SE. Kalkaska County, Advertised Price \$51,863.60, 103.1 Acres, Aspen, White Pine.

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

<u>Hideaway Aspen</u> (61-129-22) / T28N, R05W, SEC. 2 , NW,N1/2NE,SWNE,E1/2SW,N1/2SE. T28N, R05W, SEC. 2 , SWSE. T28N, R05W, SEC. 3 , N1/2NW,N1/2NE,SENE. T28N, R05W, SEC. 4 , NENE. Kalkaska County, Advertised Price \$108,238.75, 238.3 Acres, Aspen, Hardwood.

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

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 November 17, 2022. For further information concerning this sale, contact David Fisher at 231-745-4651.

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.

DAN EICHINGER Director

TIMBER SALE INFORMATION

Buck Scrape Mix (61-103-22) T26N, R08W, SEC. 6. Kalkaska County (Advertised Price \$30,488.65)

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*		ADVE	RTISED PRICE
Sawtimber				
Red Oak	19.4	MBF	\$	97.00 / MBF
Red Pine	96.5	MBF	\$	92.00 / MBF
White Oak	27.4	MBF	\$	52.00 / MBF
White Pine	63.4	MBF	\$	47.00 / MBF
Pulpwood				
Jack Pine	35	Cords	\$	14.95 / Cord
Mixed Oak	145	Cords	\$	15.45 / Cord
Red Maple	61	Cords	\$	18.95 / Cord
Red Pine	150	Cords	\$	37.35 / Cord
White Pine	307	Cords	\$	18.90 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 11.28 percent. There are an estimated 1,171 cords on this timber sale, plus or minus 132 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$1,524.00 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:

T NUMBER	PERCENT OF TOTAL SALE VALUE
01	18.7%
02	29.0%
03	22.7%
04	16.7%
05	12.9%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2024.

SALE STATISTICS

PAYMENT UNIT

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 MAXIMU		
92,470	1,171	11.28%	1,038	1,303	

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
3	45,894	581	16.19%	487	675
4	16,155	204	31.60%	140	269
5	18,383	233	19.53%	187	278
6	12,038	152	30.20%	106	198
TOTAL:	92,470	1,171		920	1,421

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
3	50.6	2	28.3
		3	22.3
4	25.5	4	25.5
5	24.5	1	24.5
6	21.3	5	21.3
TOTAL:	121.9		121.9

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Red Pine	Sawtimber	20.0	MBF	24.5	\$5,705.25	
	White Oak		16.2	MBF			
	White Pine		13.0	MBF			
	Jack Pine	Pulpwood	6	Cords			
	Mixed Oak		58	Cords			
	Red Oak		29	Cords			
	White Oak		29	Cords			
	Red Maple		9	Cords			
	Red Pine		24	Cords			
	White Pine		19	Cords			
2	Red Oak	Sawtimber	2.2	MBF	28.3	\$8,810.00	
	Red Pine		35.7	MBF			
	White Pine		8.1	MBF			
	Jack Pine	Pulpwood	16	Cords			
	Mixed Oak	i alpitood	4	Cords			
	Red Oak		4	Cords			
	Red Maple		18	Cords			
	Red Pine		44	Cords			
	White Pine		140	Cords			
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3	Red Oak	Sawtimber	1.7	MBF	22.3	\$6,933.90	
	Red Pine		28.2	MBF			
	White Pine		6.4	MBF			
	Jack Pine	Pulpwood	13	Cords			
	Mixed Oak		3	Cords			
	Red Oak		3	Cords			
	Red Maple		14	Cords			
	Red Pine		34	Cords			
	White Pine		111	Cords			
4	Red Oak	Sawtimber	9.3	MBF	25.5	\$5,093.35	
	Red Pine		2.8	MBF			
	White Oak		5.6	MBF			
	White Pine		27.1	MBF			
	Mixed Oak	Pulpwood	33	Cords			
	Red Oak		11	Cords			
	White Oak		22	Cords			
	Red Maple		17	Cords			
	Red Pine		29	Cords			
	White Pine		24	Cords			
5	Red Oak	Sawtimber	6.2	MBF	21.3	\$3,946.15	
	Red Pine		9.8	MBF		,	
	White Oak		5.6	MBF			
	White Pine		8.8	MBF			
	Mixed Oak	Pulpwood	47	Cords			
	Red Oak	-	36	Cords			
	White Oak		11	Cords			
	Red Maple		3	Cords			
	Red Pine		19	Cords			
	White Pine		19	Cords			
					I	<u> </u>	
TOTAL: 206.7 MBF							
		TOTAL:	698	Cords			

Sale Specific Conditions & Requirements

Sale Number: 61-103-22 Seg#: 1

Sale Name: Buck Scrape Mix

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when 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) 2 and 3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition to orange marked trees cut all aspen in payment units 2 and 3.

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

Within Payment Unit(s) 1, 4 and 5, all species/ trees with DBH equal to or greater than 5 inches which meet minimum piece specifications in 2.2 Utilization, are designated for cutting

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.

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited. Within all payment units. 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 allow) in order to retain existing understory.

3 - Payments

- 3.4 Damaged Timber
 - 3.4.1 Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within payment units 1, 2, 3, 4 and 5, if more than 30% 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 250 per acre for all acreage within that specified portion of the sale area that was damaged.

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are White Pine or White Oak over 25 Inches in DBH. This Spec only applies to Payment units 1, 4, and 5. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay 500 per tree as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

maintenance or construction, including stumps, shall be 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.

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

The Purchaser is responsible for contacting the gas or pipeline company / Miss Dig10 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Permission is required before harvest operations begin and must be submitted to the Unit Manager.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08) No slash or tree tops may exceed 24 inches in height.

5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1, 2, 3, 4 and 5 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.

- 5.4 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.

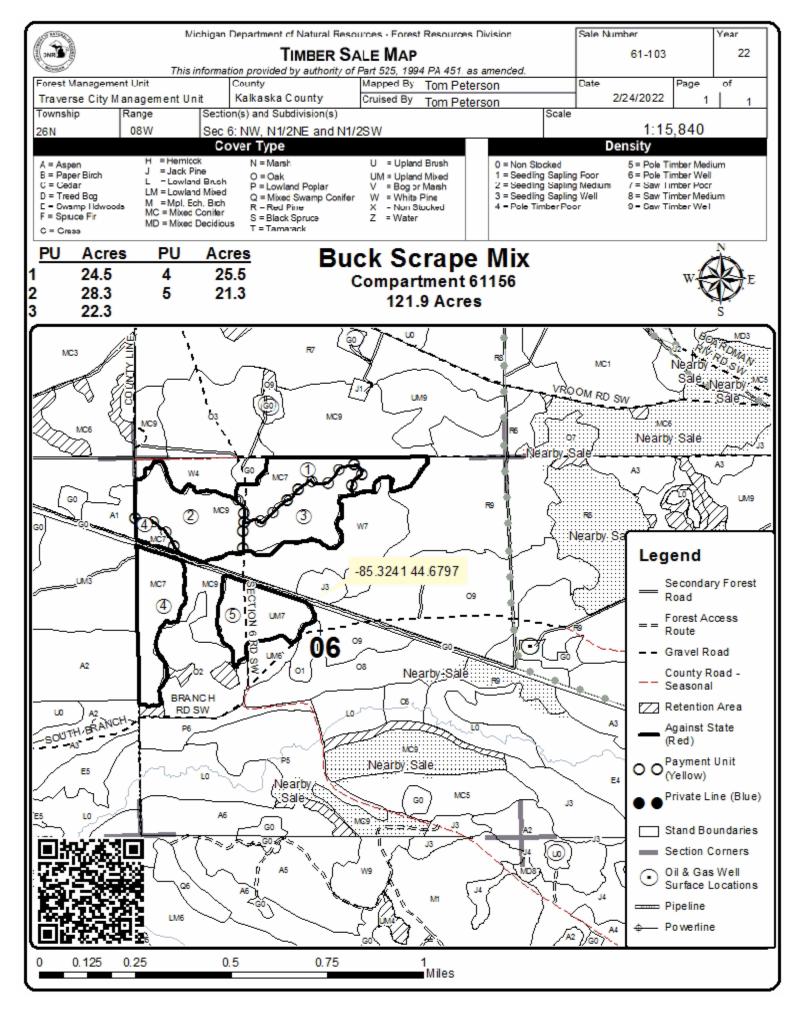
6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on all county roads that are near 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.



TIMBER SALE INFORMATION

Buffalo Pine (61-127-22) T27N, R08W, SEC. 10; T27N, R08W, SEC. 11. Kalkaska County (Advertised Price \$37,580.65)

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

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

PRODUCTS & SPECIES	<u>ESTIMATE</u>	ESTIMATED UNITS*		ERTISED PRICE
Sawtimber				
Red Pine	206.3	MBF	\$	92.00 / MBF
White Pine	54.8	MBF	\$	47.00 / MBF
Pulpwood				
Jack Pine	92	Cords	\$	14.95 / Cord
Red Maple	60	Cords	\$	18.95 / Cord
Red Pine	295	Cords	\$	37.35 / Cord
White Pine	132	Cords	\$	18.90 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 19.88 percent. There are an estimated 1,127 cords on this timber sale, plus or minus 224 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$1,879.00 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 remainder is due before cutting begins.

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(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

100.0%

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

5. Operations on the contract issued will terminate on 12/31/2024.

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 COF		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
89,019	1,127	19.88%	903	1,351

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
92	79,473	1,006	22.07%	784	1,228
97	9,546	121	69.41%	37	205
TOTAL:	89,019	1,127		821	1,433

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
92	68.9	1	68.9
97	7.2	1	7.2
TOTAL:	76.1		76.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	206.3	MBF	76.1	\$37,580.65
	White Pine		54.8	MBF		
	Jack Pine	Pulpwood	92	Cords		
	Red Maple		60	Cords		
	Red Pine		295	Cords		
	White Pine		132	Cords		
		TOTAL:	261.1	MBF		
		TOTAL:	579	Cords		

Sale Specific Conditions & Requirements

Sale Number: 61-127-22 Seg#: 1

Sale Name: Buffalo Pine

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 paint. Exterior sale boundary lines against state are marked with red 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.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH except trees marked with green paint or trail marker trees.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Unit 1 must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. If market conditions limit the practicality of chipping, tops and slash must be arranged in a way that will not inhibit future planting operations, as directed by the sale administrator. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. 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.

4 - Transportation

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 a Payment Unit 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

5.2.1.11 - Slash for reforestation (3/21)

Within the Sale Area or Payment Unit(s) 1, chipping is encouraged as it is the most effective and efficient way to mitigate slash for reforestation. Other tactics to mitigate slash for site preparation would need to be approved by the Unit Manager or his/her representative. Liquidated damages may be assessed at \$250 per acre if it is determined that slash mitigation was inadequate and mastication is needed for the DNR to conduct site preparation for planting.

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.

5.2.40 - Pathway protection (10/10)

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

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

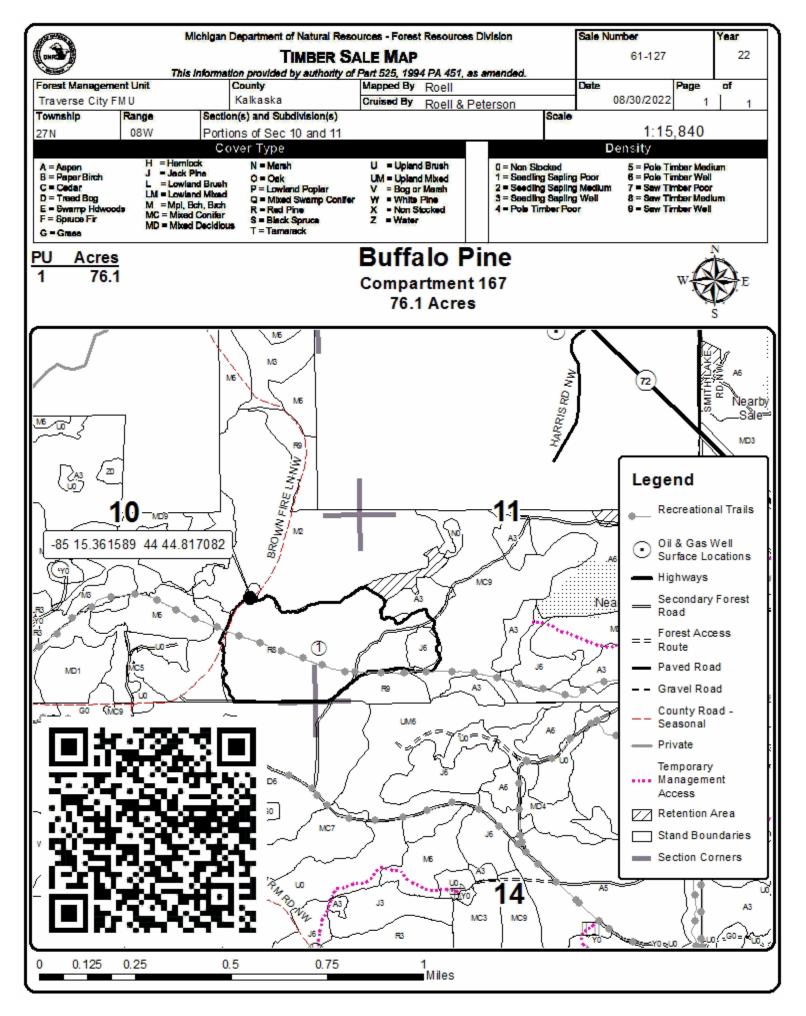
Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With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

6.2.3 - Recreational trail posting (10/20)

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



TIMBER SALE INFORMATION

Whitetail Aspen (61-128-22) T27N, R08W, SEC. 11; T27N, R08W, SEC. 12. Kalkaska County (Advertised Price \$51,863.60)

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

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

PRODUCTS & SPECIES	ESTIMATED UNITS*		ADVI	ERTISED PRICE
Sawtimber				
Black Cherry	8.9	MBF	\$	127.00 / MBF
Red Maple	15.3	MBF	\$	115.00 / MBF
Red Oak	70.9	MBF	\$	97.00 / MBF
Red Pine	7.5	MBF	\$	92.00 / MBF
White Pine	157.0	MBF	\$	47.00 / MBF
Pulpwood				
B. T. Aspen	809	Cords	\$	17.00 / Cord
Black Cherry	8	Cords	\$	18.95 / Cord
Jack Pine	5	Cords	\$	14.95 / Cord
Red Maple	376	Cords	\$	18.95 / Cord
Red Oak	347	Cords	\$	15.45 / Cord
Red Pine	80	Cords	\$	37.35 / Cord
White Pine	242	Cords	\$	18.90 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 13.00 percent. There are an estimated 2,461 cords on this timber sale, plus or minus 320 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$2,593.00 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

39.9%
40.8%
10.8%
8.5%

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

5. Operations on the contract issued will terminate on 12/31/2024.

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 RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM		
194,405	2,461	13.00%	2,141	2,781		

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	L CORDS PERCENT ERROR		MAXIMUM
101	77,980	987	15.37%	835	1,139
113	83,514	1,057	17.30%	874	1,240
122	20,401	258	56.94%	111	405
141	12,510	158	56.55%	69	248
TOTAL:	194,405	2,461		1,890	3,032

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
101	36.6	1	36.6
113	36.5	2	36.5
122	16.2	3	16.2
141	13.8	4	13.8
TOTAL:	103.1		103.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Oak	Sawtimber	52.8	MBF	36.6	\$20,703.40
	White Pine		74.6	MBF		
	B. T. Aspen	Pulpwood	256	Cords		
	Black Cherry		3	Cords		
	Jack Pine		5	Cords		
	Red Maple		97	Cords		
	Red Oak		151	Cords		
	White Pine		181	Cords		
2	Red Maple	Sawtimber	15.3	MBF	36.5	\$21,151.40
	White Pine		71.2	MBF		
	B. T. Aspen	Pulpwood	505	Cords		
	Red Maple		101	Cords		
	Red Oak		137	Cords		
	Red Pine		64	Cords		
	White Pine		55	Cords		
3	Black Cherry	Sawtimber	8.9	MBF	16.2	\$5,623.70
	Red Oak		3.6	MBF		
	B. T. Aspen	Pulpwood	48	Cords		
	Black Cherry		5	Cords		
	Red Maple		169	Cords		
	Red Oak		2	Cords		
4	Red Oak	Sawtimber	14.5	MBF	13.8	\$4,385.10
	Red Pine		7.5	MBF		
	White Pine		11.2	MBF		
	Red Maple	Pulpwood	9	Cords		
	Red Oak		57	Cords		
	Red Pine		16	Cords		
	White Pine		6	Cords		
		TOTAL:	259.6	MBF		
		TOTAL:	1,867	Cords		

Sale Specific Conditions & Requirements

Sale Number: 61-128-22 Seg#: 1

Sale Name: Whitetail Aspen

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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 and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red 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.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-4, cut all trees that are two (2) inches or more at DBHexcept white pine under 5 inches, trees marked with green paint and white oak. In addition within PU 3 leave all pine.

4 - Transportation

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 a Payment Unit to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 10 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.

5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1-4 cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.32 - 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.

5.2.40 - Pathway protection (10/10)

The horse trail is within Unit 3 and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the sale administrator.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

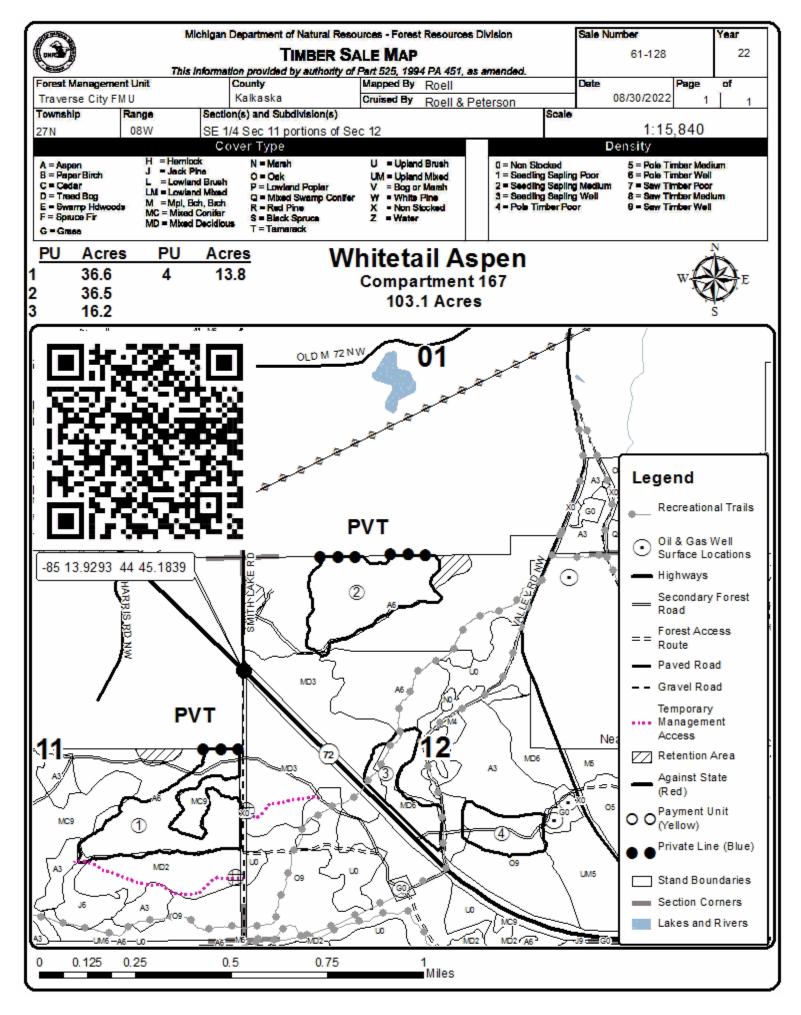
Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With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

6.2.3 - Recreational trail posting (10/20)

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



TIMBER SALE INFORMATION

<u>Hideaway Aspen (61-129-22)</u> T28N, R05W, SEC. 2; T28N, R05W, SEC. 3; T28N, R05W, SEC. 4. Kalkaska County (Advertised Price \$108,238.75)

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

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

ESTIMATE	D UNITS*	ADVE	ERTISED PRICE
108.5	MBF	\$	94.00 / MBF
25.3	MBF	\$	87.00 / MBF
14.8	MBF	\$	127.00 / MBF
29.7	MBF	\$	94.00 / MBF
29.6	MBF	\$	115.00 / MBF
38.4	MBF	\$	97.00 / MBF
29.5	MBF	\$	92.00 / MBF
170.2	MBF	\$	233.00 / MBF
99.1	MBF	\$	47.00 / MBF
545	Cords	\$	17.00 / Cord
225	Cords	\$	18.95 / Cord
331	Cords	\$	18.95 / Cord
386	Cords	\$	17.00 / Cord
269	Cords	\$	18.95 / Cord
54	Cords	\$	15.45 / Cord
64	Cords	\$	37.35 / Cord
123	Cords	\$	18.90 / Cord
	108.5 25.3 14.8 29.7 29.6 38.4 29.5 170.2 99.1 545 225 331 386 269 54 64	25.3 MBF 14.8 MBF 29.7 MBF 29.6 MBF 38.4 MBF 29.5 MBF 170.2 MBF 99.1 MBF 545 Cords 225 Cords 331 Cords 386 Cords 269 Cords 54 Cords 54 Cords 64 Cords	108.5 MBF \$ 25.3 MBF \$ 14.8 MBF \$ 29.7 MBF \$ 29.6 MBF \$ 29.6 MBF \$ 38.4 MBF \$ 29.5 MBF \$ 170.2 MBF \$ 99.1 MBF \$ 545 Cords \$ 225 Cords \$ 331 Cords \$ 386 Cords \$ 269 Cords \$ 54 Cords \$ 64 Cords \$

* The total volume is statistically estimated within plus (+) or minus (-) 14.24 percent. There are an estimated 3,274 cords on this timber sale, plus or minus 466 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

IT NOMBER		
01	1	3.0%
02	:	3.6%
03	1	7.5%
04		7.5%
05	2	5.0%
06	33	3.4%

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

5. Operations on the contract issued will terminate on 12/31/2025.

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
258,640	3,274	14.24%	2,807	3,740

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
3	52,087	659	24.84%	496	823
10	18,236	231	31.29%	159	303
25	62,185	787	32.80%	529	1,045
38	53,811	681	23.14%	524	839
41	19,932	252	57.26%	108	397
45	52,390	663	36.65%	420	906
TOTAL:	258,640	3,274		2,235	4,313

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
3	44.1	1	44.1
10	16.6	2	16.6
25	36.1	3	36.1
38	78.2	6	78.2
41	31.5	4	31.5
45	31.8	5	31.8
TOTAL:	238.3		238.3

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	14.9	MBF	44.1	\$14,066.20
	Quaking Aspen		29.7	MBF		
	Red Pine		2.8	MBF		
	White Pine		46.1	MBF		
	B. T. Aspen	Pulpwood	24	Cords		
	Black Cherry		34	Cords		
	Quaking Aspen		264	Cords		
	Red Maple		15	Cords		
	Red Pine		1	Cords		
	White Pine		84	Cords		
2	White Pine	Sawtimber	18.6	MBF	16.6	\$3,857.10
	Black Cherry	Pulpwood	34	Cords		
	Quaking Aspen		122	Cords		
	White Pine		14	Cords		
3	B. T. Aspen	Sawtimber	80.4	MBF	36.1	\$18,896.75
	Basswood		15.2	MBF		
	White Pine		32.5	MBF		
	B. T. Aspen	Pulpwood	398	Cords		
	Mixed Hardwood		15	Cords		
	Basswood		9	Cords		
	Ironwood		6	Cords		
	Red Maple		52	Cords		
	White Pine		24	Cords		
4	Black Cherry	Sawtimber	14.8	MBF	31.5	\$8,160.15
	Red Pine		24.6	MBF		, , ,
	White Pine		1.9	MBF		
	Black Cherry	Pulpwood	86	Cords		
	Mixed Hardwood		4	Cords		
	Sugar Maple		4	Cords		
	Red Pine		59	Cords		
	White Pine		1	Cords		
5	B. T. Aspen	Sawtimber	13.2	MBF	31.8	\$27,023.45
	Red Maple		23.2	MBF		
	Sugar Maple		63.3	MBF		
	B. T. Aspen	Pulpwood	123	Cords		
	Black Cherry		71	Cords		
	Mixed Hardwood		45	Cords		
	Basswood		4	Cords		
	Sugar Maple		41	Cords		
	Red Maple		198	Cords		
	Red Oak		21	Cords		
6	Basswood	Sawtimber	10.1	MBF	78.2	\$36,235.10
	Red Maple		6.4	MBF		
	Red Oak		38.4	MBF		
	Red Pine		2.1	MBF		
	Sugar Maple		106.9	MBF		
	Mixed Hardwood	Pulpwood	267	Cords		
	Yellow Birch	Sawtimber	3.9	MBF		
	Basswood	Pulpwood	11	Cords		
	Ironwood		3	Cords		
	Sugar Maple		236	Cords		
	Yellow Birch		9	Cords		
	Red Maple		4	Cords		
			33	Cords		
	Red Oak		55	00103		

TOTAL:	545.1	MBF
TOTAL:	1,997	Cords

Sale Specific Conditions & Requirements

Sale Number: 61-129-22 Seg#: 1

Sale Name: Hideaway Aspen

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 blue paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red 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.

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 & 6, cut all trees that are two (2) inches or more at DBH. In addition for payment units 1 & 2 leave all pine under 6 inches in diameter.

2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 3 & 5, cut all trees which meet minimum piece specifications in 2.2 Utilization. In addition leave all sugar maple within unit 3 and leave all pine in unit 5.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 4 & 6 must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. 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 Payment Unit(s) 4 & 6 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit(s) 3 & 5. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

4 - Transportation

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

5.2.32 - 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)

The Snowmobile trail and ORV route are within the sale area and are shown on the Timber Sale Map. Do not cut trees or damage posts with yellow or orange markers. Maintain a 20 foot wide slash, debris, and rut free zone daily using the trail or route as the centerline. Do not skid wood down the trail or route. Skidding across the trail or route may only occur in locations approved by the sale administrator.

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail is within the sale area and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. 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.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

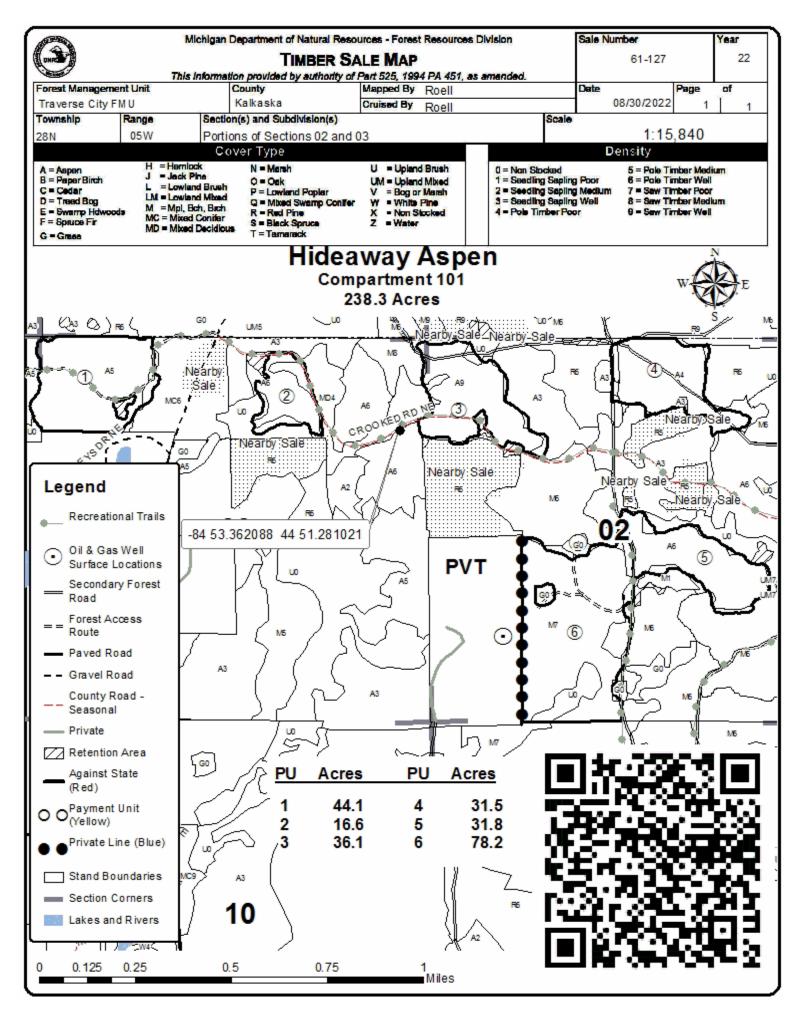
Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With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

6.2.3 - Recreational trail posting (10/20)

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



TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

Buck Scrape Mix (61-103-22) T26N, R08W, SEC. 6; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on November 17, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	ESTIMATED VO	LUME* A	ADVERTISED PRICE	BID PRICE/UNIT
Red Oak	19.4 ME	3F \$	97.00/MBF	\$
Red Pine	96.5 ME	3F \$	92.00/MBF	\$
White Oak	27.4 ME	3F \$	52.00/MBF	\$
White Pine	63.4 ME	3F \$	47.00/MBF	\$
Pulpwood				
Jack Pine	35 Co	ords \$	14.95/Cord	\$
Mixed Oak	145 Cc	ords \$	15.45/Cord	\$
Red Maple	61 Cc	ords \$	18.95/Cord	\$
Red Pine	150 Cc	ords \$	37.35/Cord	\$
White Pine	307 Co	ords \$	18.90/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 11.28 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

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

Individual or company representative's signature:

Phone number :

_____ Email (optional):____

_ Date:____

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

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

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

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

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

Buffalo Pine (61-127-22)

T27N, R08W, SEC. 10; T27N, R08W, SEC. 11; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on November 17, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	ESTIMATED VOLUME*	ADVERTISED PRICE	BID PRICE/UNIT
Red Pine	206.3 MBF	\$ 92.00/MBF	\$
White Pine	54.8 MBF	\$ 47.00/MBF	\$
Pulpwood Jack Pine	92 Cords	\$ 14.95/Cord	\$
Red Maple	60 Cords	\$ 18.95/Cord	\$
Red Pine	295 Cords	\$ 37.35/Cord	\$
White Pine	132 Cords	\$ 18.90/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 19.88 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 NU	UMBER:	
Company or individual bidding:			
Company representative's name:			
Address:			
City:	State: Zip:		

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

Individual or company representative's signature:

Phone number :

Email (optional):

_____ Date:_____

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

TOF NATURAL ARESOUR	Michigan Department of Natura Forest Resources Divis			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)
auto - Michigan - 50	TIMBER SAL	E	ľ	
	VERIFICATION OF WORKER	R'S DISABILITY		Forest Management Unit:
	COMPENSATION ACT C			orest Management Onit.
	As required by Act 317, P.A. 1969 (Worke	-		
VEDIEIC	Part 5 of Act 451 of 1994, as	amended.		
sale	contract.		-	act award and prior to the issuance of the timber
	Idition, if boxes 2B or 2C are checke ity-one (21) days of the contract awar			Certificate of Insurance must be submitted within timber sale contract.
All Ir	nformation must be typed or printed e	except for written sig	gnatures.	
Please (Check Appropriate Categories:			
-	pusiness is organized as (you must	check <u>one</u> of the b	oxes below):	
	Sole Proprietorship (individual)			
	Partnership			
C. L	Corporation			
2. You	must check one of the boxes below	r:		
A. 🗆	I certify my business is a sole proprieto Worker's Compensation Laws.	orship and it has no e	mployees but t	he sole proprietor. I am not subject to the
	Exclusion (BWC-337, Rev. 5/96). I will questions or a copy of the BWC-337, J	I provide a copy of the please call the Worke	e Notice of Exc er's Compensat	ation Act through the use of an approved Notice of clusion within 21 days of the contract award. (For ion Bureau at 517-322-1195). n original Certificate of Insurance within twenty-
				of both full-time and part-time employees, other I must enter "0").
	Full-time Err	iployees		Part-time Employees
Name of Bu	usiness		Federal ID (or) S	ocial Security No.
Address			Telephone	
			()	
City		State	ZIP	
in factors	certify that the above information is a affecting my coverage during any o			y the Michigan DNR of any changes that occur ns.
2.9/14/0				
Title			Date	

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

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

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

Whitetail Aspen (61-128-22)

T27N, R08W, SEC. 11; T27N, R08W, SEC. 12; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on November 17, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AI</u>	OVERTISED PRICE	BID PRICE/UNIT
Black Cherry	8.9	MBF	\$	127.00/MBF	\$
Red Maple	15.3	MBF	\$	115.00/MBF	\$
Red Oak	70.9	MBF	\$	97.00/MBF	\$
Red Pine	7.5	MBF	\$	92.00/MBF	\$
White Pine	157.0	MBF	\$	47.00/MBF	\$
Pulpwood					
B. T. Aspen	809	Cords	\$	17.00/Cord	\$
Black Cherry	8	Cords	\$	18.95/Cord	\$
Jack Pine	5	Cords	\$	14.95/Cord	\$
Red Maple	376	Cords	\$	18.95/Cord	\$
Red Oak	347	Cords	\$	15.45/Cord	\$
Red Pine	80	Cords	\$	37.35/Cord	\$
White Pine	242	Cords	\$	18.90/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 13.00 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:	URITY NUMBER:	<u> </u>			
Company or individual bidding:	Company or individual bidding:				
Company representative's name:			-		
Address:			_		
City:	State:	_ Zip:	_		

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

Individual or company representative's signature:

Phone number :

_____ Email (optional):____

Date:

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

TOF NATURAL ARESOUR	Michigan Department of Natura Forest Resources Divis			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)
auto - Michigan - 50	TIMBER SAL	E	ľ	
	VERIFICATION OF WORKER	R'S DISABILITY		Forest Management Unit:
	COMPENSATION ACT C			orest Management Onit.
	As required by Act 317, P.A. 1969 (Worke	-		
VEDIEIC	Part 5 of Act 451 of 1994, as	amended.		
sale	contract.		-	act award and prior to the issuance of the timber
	Idition, if boxes 2B or 2C are checke ity-one (21) days of the contract awar			Certificate of Insurance must be submitted within timber sale contract.
All Ir	nformation must be typed or printed e	except for written sig	gnatures.	
Please (Check Appropriate Categories:			
-	pusiness is organized as (you must	check <u>one</u> of the b	oxes below):	
	Sole Proprietorship (individual)			
	Partnership			
C. L	Corporation			
2. You	must check one of the boxes below	r:		
A. 🗆	I certify my business is a sole proprieto Worker's Compensation Laws.	orship and it has no e	mployees but t	he sole proprietor. I am not subject to the
	Exclusion (BWC-337, Rev. 5/96). I will questions or a copy of the BWC-337, J	I provide a copy of the please call the Worke	e Notice of Exc er's Compensat	ation Act through the use of an approved Notice of clusion within 21 days of the contract award. (For ion Bureau at 517-322-1195). n original Certificate of Insurance within twenty-
				of both full-time and part-time employees, other I must enter "0").
	Full-time Err	iployees		Part-time Employees
Name of Bu	usiness		Federal ID (or) S	ocial Security No.
Address			Telephone	
			()	
City		State	ZIP	
in factors	certify that the above information is a affecting my coverage during any o			y the Michigan DNR of any changes that occur ns.
2.9/14/0				
Title			Date	

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

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

BID FORM

Hideaway Aspen (61-129-22)

T28N, R05W, SEC. 2; T28N, R05W, SEC. 3; T28N, R05W, SEC. 4; Kalkaska

In response to the notice of sale to be held 4:00 p.m. (local time) on November 17, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	ESTIMATED VOLUME*	<u>ADVE</u>	RTISED PRICE	BID PRICE/UNIT
B. T. Aspen	108.5 MBF	\$ 9	94.00/MBF	\$
Basswood	25.3 MBF	\$ 8	87.00/MBF	\$
Black Cherry	14.8 MBF	\$ 12	27.00/MBF	\$
Quaking Aspen	29.7 MBF	\$ 9	94.00/MBF	\$
Red Maple	29.6 MBF	\$ 1 [.]	15.00/MBF	\$
Red Oak	38.4 MBF	\$	97.00/MBF	\$
Red Pine	29.5 MBF	\$	92.00/MBF	\$
Sugar Maple	170.2 MBF	\$ 23	33.00/MBF	\$
White Pine	99.1 MBF	\$	47.00/MBF	\$
Pulpwood				
B. T. Aspen	545 Cords	\$	17.00/Cord	\$
Black Cherry	225 Cords	\$	18.95/Cord	\$
Mixed Hardwood	331 Cords	\$	18.95/Cord	\$
Quaking Aspen	386 Cords	\$	17.00/Cord	\$
Red Maple	269 Cords	\$	18.95/Cord	\$
Red Oak	54 Cords	\$	15.45/Cord	\$
Red Pine	64 Cords	\$	37.35/Cord	\$
White Pine	123 Cords	\$	18.90/Cord	\$
1				

*The volumes are statistically estimated within plus (+) or minus (-) 14.24 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

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

Individual or company representative's signature:

Phone number :_____ Email (optional):_____

_____ Date:_____

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

TOF NATURAL ARESOUR	Michigan Department of Natura Forest Resources Divis			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)
auto - Michigan - 50	TIMBER SAL	E	ľ	
	VERIFICATION OF WORKER	R'S DISABILITY		Forest Management Unit:
	COMPENSATION ACT C			orest Management Onit.
	As required by Act 317, P.A. 1969 (Worke	-		
VEDIEIC	Part 5 of Act 451 of 1994, as	amended.		
sale	contract.		-	act award and prior to the issuance of the timber
	Idition, if boxes 2B or 2C are checke ity-one (21) days of the contract awar			Certificate of Insurance must be submitted within timber sale contract.
All Ir	nformation must be typed or printed e	except for written sig	gnatures.	
Please (Check Appropriate Categories:			
-	pusiness is organized as (you must	check <u>one</u> of the b	oxes below):	
	Sole Proprietorship (individual)			
	Partnership			
C. L	Corporation			
2. You	must check one of the boxes below	r:		
A. 🗆	I certify my business is a sole proprieto Worker's Compensation Laws.	orship and it has no e	mployees but t	he sole proprietor. I am not subject to the
	Exclusion (BWC-337, Rev. 5/96). I will questions or a copy of the BWC-337, J	I provide a copy of the please call the Worke	e Notice of Exc er's Compensat	ation Act through the use of an approved Notice of clusion within 21 days of the contract award. (For ion Bureau at 517-322-1195). n original Certificate of Insurance within twenty-
				of both full-time and part-time employees, other I must enter "0").
	Full-time Err	iployees		Part-time Employees
Name of Bu	usiness		Federal ID (or) S	ocial Security No.
Address			Telephone	
			()	
City		State	ZIP	
in factors	certify that the above information is a affecting my coverage during any o			y the Michigan DNR of any changes that occur ns.
2.9/14/0				
Title			Date	

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

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