

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7548

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on February 18, 2025. LOCATION: ROSCOMMON MGMT UNIT, PO BOX 218, ROSCOMMON, MI 48653.

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

Lost Twin Lakes (71-009-24) / T21N, R03W, SEC. 17, N1/2SW, SESW, N1/2SE, SWSE.

T21N, R03W, SEC. 17, NENW, S1/2NW, NWNE, S1/2NE.

Roscommon County, Advertised Price \$234,468.05, 192.2 Acres, Hardwood, Aspen.

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.

PPLV Mix (71-017-24) / T24N, R02E, SEC. 15, SWNW,W1/2NE,SW,W1/2SE.

T24N, R02E, SEC. 16, SENW, NWNE, S1/2NE, NESW, N1/2SE.

T24N, R02E, SEC. 22, SWNW, NWSW.

Ogemaw County, Advertised Price \$269,356.90, 211.0 Acres, Hardwood, Aspen.

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.

Aspen Combo (71-018-24) / T21N, R03W, SEC. 29, SWNW.

T21N, R03W, SEC. 30, S1/2NE,N1/2SE.

Roscommon County, Advertised Price \$47,869.20, 33.1 Acres, Aspen, Hardwood.

SALE NOTE: Straight forward aspen clear cut. Recreational trail needs protection, roads must be brushed in before Oak Wilt.

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.

Oak College (71-026-24) / T24N, R04W, SEC. 6, NENE.

Roscommon County, Advertised Price \$7,424.30, 5.0 Acres, Hardwood, Red Oak.

SALE NOTE: Oak leave tree, hard oak wilt restriction.

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, ROSCOMMON OFFICE, PO BOX 218, ROSCOMMON, MI 48653, no later than 2:00 p.m. (local time) on February 18, 2025. For further information concerning this sale, contact Jason Lewicki at 989-745-5870 extension.

2. Bidder's Qualifications (10/22)

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

3. Preparation of Sealed Bids (5/16)

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

4. Submission of Sealed Bids (5/16)

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

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

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

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

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

6. Award of Contract (1/11)

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

7. Down Payment (1/11)

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

8. Performance Security (1/11)

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

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

9. Worker's Compensation (10/22)

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

10. Timber Sale Contract (10/22)

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

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

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

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

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

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

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

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

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

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

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

- 14. Good Neighbor Authority (GNA) Requirements, con't (10/22) Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete.
- a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.
- b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
- c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.
- d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

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

Scott Bowen Director

TIMBER SALE INFORMATION

Lost Twin Lakes (71-009-24) T21N, R03W, SEC. 17.

Roscommon County (Advertised Price \$234,468.05)

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*		<u>ADVI</u>	ERTISED PRICE
Sawtimber				
Black/Red (Hybrid) Oak	178.1	MBF	\$	135.00 / MBF
Mixed Aspen	388.1	MBF	\$	92.00 / MBF
Red Maple	158.9	MBF	\$	81.00 / MBF
Red Pine	66.1	MBF	\$	124.00 / MBF
White Oak	56.5	MBF	\$	72.00 / MBF
White Pine	173.8	MBF	\$	79.00 / MBF
Pulpwood				
Balsam Fir	22	Cords	\$	23.05 / Cord
Jack Pine	5	Cords	\$	23.05 / Cord
Mixed Aspen	1,296	Cords	\$	38.10 / Cord
Mixed Hardwood	964	Cords	\$	26.45 / Cord
Mixed Oak	379	Cords	\$	25.15 / Cord
Red Pine	59	Cords	\$	51.40 / Cord
White Pine	1,227	Cords	\$	38.95 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 11.79 percent. There are an estimated 6,346 cords on this timber sale, plus or minus 748 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$11,723.00 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	36.3%
02	15.0%
03	15.8%
04	19.9%
05	13.0%

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

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME			STATISTICAL RA	ANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM		
501,338	6,346	11.79%	5,598	7,094	

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
103	74,975	949	25.61%	706	1,192
106	62,748	794	27.85%	573	1,016
107	281,043	3,558	17.66%	2,929	4,186
112	82,572	1,045	24.76%	786	1,304
TOTAL:	501,338	6,346		4,995	7,697

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
103	40.5	2	40.5
106	19.8	5	19.8
107	106.7	1	68.8
107	106.7	4	37.9
112	25.2	3	25.2
TOTAL:	298.9		192.2

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black/Red (Hybrid	Sawtimber	68.9	MBF	68.8	\$84,876.15
	Mixed Aspen B. T. Aspen Quaking Aspen Red Maple		116.7	MBF		
			4.8	MBF		
			111.9	MBF		
			39.4	MBF		
	Red Pine		12.6	MBF		
	White Oak		30.1	MBF		
	White Pine		51.5	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Aspen		471	Cords		
	B. T. Aspen		23	Cords		
	Quaking Aspen		448	Cords		
	Mixed Hardwood		326	Cords		
	Paper Birch		30	Cords		
	Red Maple		296	Cords		
	Mixed Oak		153	Cords		
	/Red (Hybrid) Oak		76	Cords		
	White Oak		77	Cords		
	Red Pine		17	Cords		
	White Pine		578	Cords		
2	Black/Red (Hybrid	Sawtimber	31.9	MBF	40.5	\$35,174.95
	Mixed Aspen		48.4	MBF		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Quaking Aspen		48.4	MBF		
	Red Maple		21.0	MBF		
	White Oak White Pine		1.8	MBF		
			24.4	MBF		
	Jack Pine	Pulpwood	5	Cords		
	Jack Pine	Sawtimber	1.3	MBF		
	Jack Pine	Pulpwood	2	Cords		
	Mixed Aspen		278	Cords		
	Quaking Aspen		278	Cords		
	Mixed Hardwood		131	Cords		
	Red Maple		131	Cords		
	Mixed Oak		52	Cords		
	/Red (Hybrid) Oak		44	Cords		
	White Oak		8	Cords		
	Red Pine		4	Cords		
	White Pine		179	Cords		
3	Black/Red (Hybrid	Sawtimber	15.0	MBF	25.2	\$37,160.25
J	Mixed Aspen	Cavaniboi	83.2	MBF	20.2	ψοτ, 100.20
	Quaking Aspen		83.2	MBF		
	Red Maple		41.5	MBF		
	Red Pine		7.5	MBF		
	White Oak		6.7	MBF		
	White Pine		51.8	MBF		
	Mixed Aspen	Pulpwood	228	Cords		
	Quaking Aspen	i uipwood	228	Cords		
	Mixed Hardwood		192	Cords		
			192			
	Black Cherry		-	Cords Cords		
	Red Maple		188 54			
	Mixed Oak		54 50	Cords		
	/Red (Hybrid) Oak		50	Cords		
	White Oak		4	Cords		
	Red Pine		2	Cords		
	White Pine Black/Red (Hybrid	0 (: :	87	Cords	2	* 4 ~ = -
4	1 1 1 1 a a 1 (D a al (l) da mi al	Sowtimbor	37.9	MBF	37.9	\$46,755.80

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Mixed Aspen	Sawtimber	64.2	MBF		
	B. T. Aspen		2.6	MBF		
	Quaking Aspen		61.6	MBF		
	Red Maple		21.7	MBF		
	Red Pine		7.0	MBF		
	White Oak		16.6	MBF		
	White Pine		28.3	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Aspen		260	Cords		
	B. T. Aspen		13	Cords		
	Quaking Aspen		247	Cords		
	Mixed Hardwood		179	Cords		
	Paper Birch		16	Cords		
	Red Maple		163	Cords		
	Mixed Oak		84	Cords		
	/Red (Hybrid) Oak		42	Cords		
	White Oak		42	Cords		
	Red Pine		10	Cords		
	White Pine		318	Cords		
5	Black/Red (Hybrid	Sawtimber	24.4	MBF	19.8	\$30,500.90
	Mixed Aspen		75.6	MBF		
	Quaking Aspen		75.6	MBF		
	Red Maple		35.3	MBF		
	Red Pine		39.0	MBF		
	White Oak		1.3	MBF		
	White Pine		17.8	MBF		
	Balsam Fir	Pulpwood	19	Cords		
	Mixed Aspen		59	Cords		
	Quaking Aspen		59	Cords		
	Mixed Hardwood		136	Cords		
	Red Maple		136	Cords		
1		l		Cords		
	Mixed Oak		36	Colus		
	Mixed Oak /Red (Hybrid) Oak		36 32	Cords		
	/Red (Hybrid) Oak		32	Cords		
	/Red (Hybrid) Oak White Oak		32 4	Cords Cords		
	/Red (Hybrid) Oak White Oak Red Pine	TOTAL:	32 4 26	Cords Cords Cords		

Page 8 of 48

Sale Specific Conditions & Requirements

Sale Name: Lost Twin Lakes Sale Number: 71-009-24 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. 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) 3 and 5, cut all trees that are two (2) inches or more at DBH, regardless of merchantability.

In addition, within Payment Unit 3, do not cut trees marked with green paint.

Furthermore, within Payment Unit 5, do not cut white oak that is 12 inches or more at DBH or white pine that is 18 inches or more at DBH.

2.1.3 - Cut Tree Marked Unit(s) (12/08)

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

2.1.7 - Leave Tree Marked Unit(s) (6/14)

Within Payment Unit(s) 2 and 4, all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except do not cut trees marked with green paint above and below stump height.

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 Payment Unit 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 retain existing understory.

2.2.9 - No Chipping Permitted (12/08)

Within Payment Unit(s) 1, 2 and 4, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted. Tops may not be chipped.

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 Payment Units 1 and 4, 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 \$300 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 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

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.

4.1.6 - Road Construction (4/24)

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

4.1.7 - Road Closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.1 - Hauling Restriction (12/08)

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

4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

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 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 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

5.2.1.1 - Slash Within Sale Area (9/16)

No trees are to be felled outside the Sale Area, and all slash is to be kept at least 10 feet back from the red paint line. If sale boundary lines are along a public road or highway, then slash must be removed 50' from these lines per General Condition & Requirement 5.2.1.

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

5.2.3.3 - Bark Slippage Restriction (3/09)

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

5.2.3.4 - Oak Wilt Restriction, No Exceptions (1/18)

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

5.2.3.11 - Coppice Regeneration Protection (4/10)

Timber harvesting in Payment Units 1, 3, 4 and 5 must be completed before significant aspen sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

5.2.4 - Dead and Down Creation

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two trees, nine (9) inches or larger in diameter on the ground for every two acres in Payment Units 3 and 5. They should be scattered throughout the sale or positioned per the Sale Administrator's instructions. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of five feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

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.

5.2.38 - 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.

5.2.41 - Snowmobile Trail Protection (9/11)

The 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. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. 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.

5.4.3 - Erosion Control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.

5.4.4 - Slope Protection (9/19)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.2 - Snowmobile Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on 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 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. The Purchaser will provide these signs.

Section Name: Sale Specific Current as of 12/26/2024 1:20:07PM



Michigan Department of Natural Resources - Forest Resources Division

TIMBER SALE MAP

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

71-009-24	09/20/2024	
Scale	Page	Of

Roscommon Mgt Unit

Forest Management Unit

County Roscommon

Cruised By: Crawford Forestry

Mapped By: Lewicki

1:15,840

Sale Number

1

Date

Township 21N

D = Treed Bog

F = Spruce/Fir

G = Grass

H = Hemlock

Section(s) and Range 03W

Subdivision(s) Sec. 17 N1/2SW,SESW,N1/2SE,SWSE; Sec. 17 NENW,S1/2NW,NWNE,S1/2NE;

Cover Ty	pe
----------	----

A = Aspen	J = Jack Pine	O = 0
B = Paper Birch	K = Rock	P = L
C = Cedar	L = Lowland Brush	Q = 1

N = Marsh

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

MC = Mixed Conifer

MD = Mixed Deciduous

Oak Lowland Poplar Mixed Swamp Conifer LM = Lowland Mix Forest R = Red Pine

T = Tamarack

U = Upland Brush UM = Upland Mix Forest V = Bog or Marsh

W = White Pine X = Non Stocked

Y = SandZ = Water 3 = Seedling Sapling Well 4 = Pole Timber Poor

1 = Seedling Sapling Poor

0 = Non Stocked

Density 5 = Pole Timber Medium

1

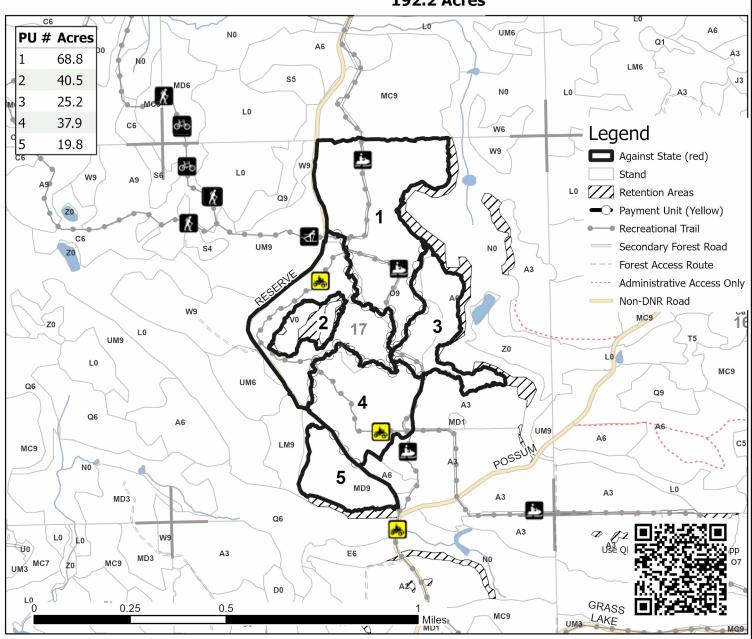
6 = Pole Timber Well 2 = Seedling Sapling Medium 7 = Saw Timber Poor

8 = Saw Timber Medium 9 = Saw Timber Well



Lost Twin Lakes

192.2 Acres



TIMBER SALE INFORMATION

PPLV Mix (71-017-24)

T24N, R02E, SEC. 15; T24N, R02E, SEC. 16; T24N, R02E, SEC. 22.

Ogemaw County (Advertised Price \$269,356.90)

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	ESTIMATE	ED UNITS*	ADVERTISED PRIC	
Sawtimber				
B. T. Aspen	371.8	MBF	\$	92.00 / MBF
Black/Red (Hybrid) Oak	51.9	MBF	\$	135.00 / MBF
Jack Pine	10.8	MBF	\$	57.00 / MBF
Quaking Aspen	20.0	MBF	\$	92.00 / MBF
Red Maple	116.0	MBF	\$	81.00 / MBF
Red Oak	643.5	MBF	\$	133.00 / MBF
Red Pine	99.4	MBF	\$	124.00 / MBF
White Oak	122.1	MBF	\$	72.00 / MBF
White Pine	38.6	MBF	\$	80.00 / MBF
Pulpwood				
Jack Pine	59	Cords	\$	23.05 / Cord
Mixed Aspen	594	Cords	\$	38.10 / Cord
Mixed Hardwood	1,324	Cords	\$	26.45 / Cord
Mixed Oak	1,172	Cords	\$	25.15 / Cord
Red Pine	277	Cords	\$	51.40 / Cord
White Pine	97	Cords	\$	38.95 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 9.50 percent. There are an estimated 6,978 cords on this timber sale, plus or minus 663 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 \$13,468.00 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	2.9%
02	1.3%
03	2.7%
04	2.1%
05	8.2%
06	11.4%
07	20.8%
08	21.3%
09	8.6%
10	4.9%
11	5.0%
12	10.8%

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

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME		STATISTICAL RA	ANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
551,262	6,978	9.50%	6,315	7,641

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
14	64,604	818	23.64%	624	1,011
60	12,459	158	50.21%	79	237
65	28,642	363	57.81%	153	572
74	27,733	351	35.48%	226	476
75	61,042	773	25.86%	573	973
99	278,333	3,523	14.89%	2,999	4,048
112	10,916	138	23.66%	105	171
115	7,866	100	54.67%	45	154
118	11,642	147	36.77%	93	202
124	48,025	608	27.75%	439	777
TOTAL:	551,262	6,978		5,337	8,619

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
14	24.1	6	24.1
60	9.6	4	9.6
65	12.7	10	12.7
74	21.8	11	21.8
75	12.1	12	12.1
99	85.5	7	35.1
99	85.5	8	35.9
99	85.5	9	14.5
112	3.4	3	3.4
115	5.4	2	5.4
118	8.2	1	8.2
124	28.2	5	28.2
TOTAL:	382.0		211.0

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	31.8	MBF	8.2	\$7,695.40
	Red Pine	Pulpwood	73	Cords		
2	Jack Pine	Sawtimber	4.0	MBF	5.4	\$3,492.15
	Red Maple		1.1	MBF		
	Red Pine		12.3	MBF		
	Jack Pine	Pulpwood	32	Cords		
	Mixed Hardwood	-	17	Cords		
	Pin Cherry		5	Cords		
	Red Maple		12	Cords		
	Red Pine		9	Cords		
3	Red Pine	Sawtimber	12.1	MBF	3.4	\$7,205.80
	Red Pine	Pulpwood	111	Cords		
1	Quaking Aspen	Sawtimber	3.6	MBF	9.6	\$5,754.70
	Jack Pine	Pulpwood	6	Cords		, , ,
	Mixed Aspen	'	129	Cords		
	Quaking Aspen		129	Cords		
	Mixed Hardwood		14	Cords		
	Pin Cherry	Sawtimber	1.0	MBF		
	Pin Cherry	Pulpwood	12	Cords		
;	Black/Red (Hybrid	·	23.4	MBF	28.2	\$22,035.60
	Jack Pine	Cawanibon	3.4	MBF	20.2	Ψ22,000.00
	Quaking Aspen		7.2	MBF		
	Red Maple		17.7	MBF		
	Red Oak		24.6	MBF		
	Red Pine		18.2	MBF		
	White Oak		19.1	MBF		
	White Pine		2.4	MBF		
	Jack Pine	Pulpwood	3	Cords		
	Mixed Aspen	i dipwood	50	Cords		
	Quaking Aspen		50	Cords		
	Mixed Hardwood		206	Cords		
	Pin Cherry		8	Cords		
	Red Maple		198	Cords		
	Mixed Oak		73	Cords		
	/Red (Hybrid) Oak		22	Cords		
	Red Oak		22	Cords		
	White Oak		29	Cords		
	Red Pine		3	Cords		
	White Pine		2	Cords		
3	B. T. Aspen	Sawtimber	11.9	MBF	24.1	\$30,785.15
J	Black/Red (Hybrid	Cawtillibel	13.3	MBF	27.1	ψ50,705.13
	Red Maple		4.0	MBF		
	Red Oak		62.7	MBF		
	Red Pine		7.6	MBF		
	White Oak		49.2	MBF		
	White Pine		18.8	MBF		
	Mixed Aspen	Pulpwood	5	Cords		
	B. T. Aspen	Pulpwood	5	Cords		
	Mixed Hardwood		104	Cords		
	Red Maple		104	Cords		
	Mixed Oak		104 186	Cords		
	/Red (Hybrid) Oak		20 68	Cords		
	Red Oak		68	Cords		
	White Oak		98 45	Cords		
	Red Pine		45	Cords		
	White Pine		85	Cords	1	

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7	B. T. Aspen	Sawtimber	85.5	MBF	35.1	\$56,026.95
	Black/Red (Hybrid		2.7	MBF		
	Jack Pine		1.4	MBF		
	Red Maple		23.7	MBF		
	Red Oak		185.8	MBF		
	Red Pine		3.2	MBF		
	White Oak		21.3	MBF		
	White Pine		7.1	MBF		
	Jack Pine	Pulpwood	1	Cords		
	Mixed Aspen		73	Cords		
	B. T. Aspen		73	Cords		
	Mixed Hardwood		286	Cords		
	Red Maple		286	Cords		
	Mixed Oak		294	Cords		
	∕Red (Hybrid) Oak		12	Cords		
	Red Oak		204	Cords		
	White Oak		78	Cords		
	Red Pine		13	Cords		
	White Pine		4	Cords		
8	B. T. Aspen	Sawtimber	87.5	MBF	35.9	\$57,335.70
	Black/Red (Hybrid		2.7	MBF		
	Jack Pine		1.4	MBF		
	Red Maple		24.2	MBF		
	Red Oak		190.0	MBF		
	Red Pine		3.3	MBF		
	White Oak		21.8	MBF		
	White Pine		7.3	MBF		
	Jack Pine	Pulpwood	1	Cords		
	Mixed Aspen		75	Cords		
	B. T. Aspen		75	Cords		
	Mixed Hardwood		292	Cords		
	Red Maple		292	Cords		
	Mixed Oak		303	Cords		
	/Red (Hybrid) Oak		13	Cords		
	Red Oak		210	Cords		
	White Oak		80	Cords		
	Red Pine		13	Cords		
	White Pine		4	Cords		
9	B. T. Aspen	Sawtimber	35.3	MBF	14.5	\$23,138.50
J	Black/Red (Hybrid	24.14.11001	1.1	MBF	17.0	Ψ20,100.00
	Jack Pine		0.6	MBF		
	Red Maple		9.8	MBF		
	Red Oak		76.8	MBF		
	Red Pine		1.3	MBF		
	White Oak		8.8	MBF		
	White Pine		3.0	MBF		
		Dulpwood				
	Jack Pine Mixed Aspen	Pulpwood	1 30	Cords Cords		
				Cords		
	B. T. Aspen		30 110			
	Mixed Hardwood		118	Cords		
	Red Maple		118	Cords		
	Mixed Oak		121	Cords		
	/Red (Hybrid) Oak		5	Cords		
	Red Oak		84	Cords		
	White Oak		32	Cords		
	Red Pine		5	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
9 con't	White Pine	Pulpwood	2	Cords		
10	B. T. Aspen	Sawtimber	14.0	MBF	12.7	\$13,218.30
	Black/Red (Hybrid		8.7	MBF		
	Quaking Aspen		8.0	MBF		
	Red Oak		2.4	MBF		
	Red Pine		9.6	MBF		
	Jack Pine	Pulpwood	15	Cords		
	Mixed Aspen	·	133	Cords		
	B. T. Aspen		108	Cords		
	Quaking Aspen	I	25	Cords		
	Mixed Hardwood		76	Cords		
	Pin Cherry	Sawtimber	3.1	MBF		
	Black Cherry		17	Cords		
	Pin Cherry	· .	23	Cords		
	Red Maple		30	Cords		
	Mixed Oak		33	Cords		
	/Red (Hybrid) Oak		19	Cords		
	Red Oak		12	Cords		
	White Oak		2	Cords		
	Red Pine		5	Cords		
11	B. T. Aspen	Sawtimber	24.2	MBF	21.8	\$13,444.2
"	Quaking Aspen	Sawtillibel	1.2	MBF	21.0	ψ10, 444 .23
	Red Maple		9.2	MBF		
	Red Oak		42.9	MBF		
	White Oak		42.9 0.6	MBF		
		Dulavia a d				
	Mixed Aspen	Pulpwood	28	Cords		
	B. T. Aspen	l	27	Cords		
	Quaking Aspen		1	Cords		
	Mixed Hardwood		39	Cords		
	Red Maple		39	Cords		
	Mixed Oak		100	Cords		
	Red Oak		96	Cords		
	White Oak		4	Cords		
12	B. T. Aspen	Sawtimber	113.4	MBF	12.1	\$29,224.40
	Red Maple		26.3	MBF		
	Red Oak		58.3	MBF		
	White Oak		1.3	MBF		
	Mixed Aspen	Pulpwood	71	Cords		
	B. T. Aspen		71	Cords		
	Mixed Hardwood		172	Cords		
	Red Maple		172	Cords		
	Mixed Oak		62	Cords		
	Red Oak		57	Cords		
	White Oak		5	Cords		
		TOTAL:	1,474.1	MBF		
		TOTAL:	3,523	Cords		

Sale Specific Conditions & Requirements

Sale Name: PPLV Mix Sale Number: 71-017-24 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 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. 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 unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 2, 4-10, and 12, cut all trees that are two (2) inches or more at DBH, , except do not cut any trees marked with green paint. In addition, within Payment Unit 4, do not cut any red pine.

2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 1, 3, and 11, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

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 Payment Units 1, 3, and 11. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

2.2.9 - No Chipping Permitted (12/08)

Within Payment Unit(s) 1, 3, and 11, no chipping is permitted. In addition, all jack pine tops in Payment Unit 2 must be left evenly scattered to provide a seed source for natural regeneration.

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. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.6 - Road Construction (4/24)

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

4.1.7 - Road Closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. 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.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

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 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 2 days in advance to schedule the conference.

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

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

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash Height (12/08)

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

5.2.1.11 - Slash for Reforestation (3/21)

To facilitate reforestation, and if not chipped, the Sale Area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered. In addition, all jack pine tops in Payment Unit 2 must be left to provide a seed source for natural regeneration.

5.2.3 - Operating Restrictions

5.2.3.3 - Bark Slippage Restriction (3/09)

Within Payment Unit(s) 1, 3, and 11, 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.

5.2.3.4 - Oak Wilt Restriction, No Exceptions (1/18)

Within Payment Unit 11, cutting, skidding, and hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.3.5 - Oak Wilt Restriction (1/18)

Within Payment Units 1-10 and 12, unless changed by written agreement, 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. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high-risk period. Those steps may include completing all road brushing before April 15 and clearing a tree-length buffer along uncut oak cover before April 15. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.3.11 - Coppice Regeneration Protection (4/10)

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

5.2.4 - Dead and Down Creation

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two 9-inch diameter or larger log size pieces on the ground for every four acres within Payment Units 4 and 7-10. They should be scattered throughout the units or positioned per the Sale Administrator's instructions. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of five feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

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)

There is an ATV trail within the Sale Area and it is shown on the Timber Sale Map. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above 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.

5.2.41 - Snowmobile Trail Protection (9/11)

There is a snowmobile trail that runs through the sale and it 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.

5.4 - Soil Protection

5.4.3 - Erosion Control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.

5.7 - Protection of Historical Sites

5.7.2 - Potential Historical Site(s) (9/06)

The State Historic Preservation Office has identified the potential for a historic site within the boundary of this timber sale. Note that if the site is discovered during operations, General Condition and Requirement 5.7 - Protection of Historical Sites will apply.

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 affected by the 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.

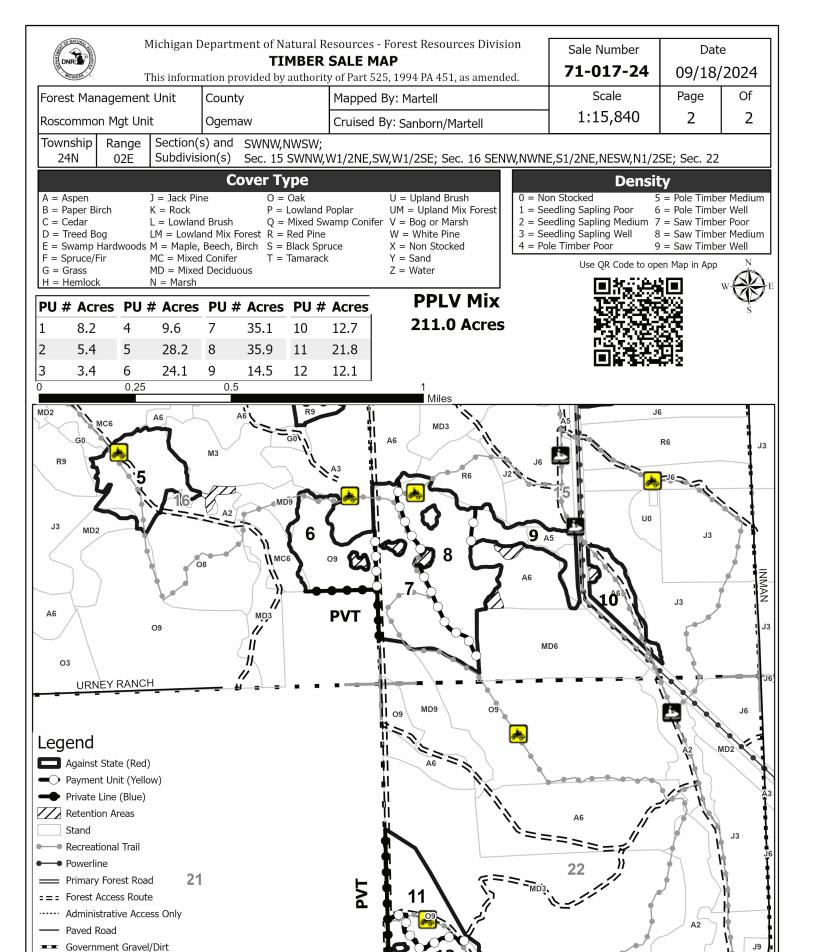
6.2.2 - Snowmobile Trail Posting (10/20)

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.

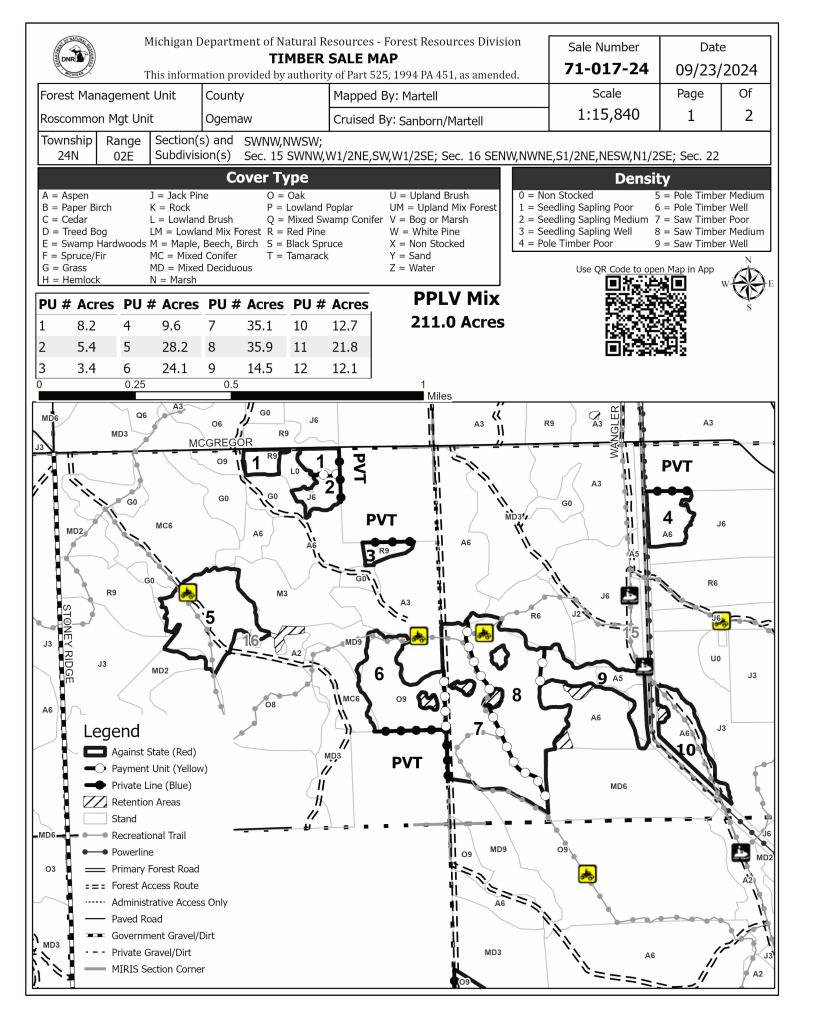
6.2.3 - Recreational Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the ATV 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.

Section Name: Sale Specific Current as of 12/16/2024 11:00:27AM



- - - Private Gravel/DirtMIRIS Section Corner



Page 26 of 48

TIMBER SALE INFORMATION

Aspen Combo (71-018-24)
T21N, R03W, SEC. 29; T21N, R03W, SEC. 30.
Roscommon County (Advertised Price \$47,869.20)

SALE NOTE: Straight forward aspen clear cut. Recreational trail needs protection, roads must be brushed in before Oak Wilt.

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	D UNITS*	<u>ADVI</u>	ERTISED PRICE
Sawtimber				
B. T. Aspen	62.5	MBF	\$	92.00 / MBF
Mixed Oak	47.0	MBF	\$	135.00 / MBF
Red Maple	39.7	MBF	\$	81.00 / MBF
Red Pine	32.1	MBF	\$	124.00 / MBF
White Oak	17.1	MBF	\$	72.00 / MBF
White Pine	11.0	MBF	\$	80.00 / MBF
Pulpwood				
B. T. Aspen	400	Cords	\$	38.10 / Cord
Balsam Fir	3	Cords	\$	23.05 / Cord
Mixed Oak	87	Cords	\$	25.15 / Cord
Red Maple	103	Cords	\$	26.45 / Cord
Red Pine	48	Cords	\$	51.40 / Cord
White Pine	97	Cords	\$	38.95 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 24.95 percent. There are an estimated 1,230 cords on this timber sale, plus or minus 307 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 \$2,393.00 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 69.7%
02 30.3%

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

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME			STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
97,199	1,230	24.95%	923	1,537

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
10	27,724	351	34.62%	229	472
11	69,474	879	32.43%	594	1,165
TOTAL:	97,199	1,230		824	1,637

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
10	12.8	2	12.8
11	20.3	1	20.3
TOTAL:	33.1		33.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	62.5	MBF	20.3	\$33,388.20
	Mixed Oak		20.0	MBF		
	∕Red (Hybrid) Oak		17.1	MBF		
	Red Oak		2.9	MBF		
	Red Maple		25.3	MBF		
	Red Pine		15.0	MBF		
	White Oak		14.8	MBF		
	White Pine		9.3	MBF		
	B. T. Aspen	Pulpwood	342	Cords		
	Mixed Oak		50	Cords		
	∕Red (Hybrid) Oak		13	Cords		
	Red Oak		1	Cords		
	White Oak		36	Cords		
	Red Maple		66	Cords		
	Red Pine		15	Cords		
	White Pine		62	Cords		
2	Mixed Oak	Sawtimber	27.0	MBF	12.8	\$14,481.00
	∕Red (Hybrid) Oak		20.5	MBF		
	Red Oak		6.5	MBF		
	Red Maple		14.4	MBF		
	Red Pine		17.1	MBF		
	White Oak		2.3	MBF		
	White Pine		1.7	MBF		
	B. T. Aspen	Pulpwood	58	Cords		
	Balsam Fir		3	Cords		
	Mixed Oak		37	Cords		
	/Red (Hybrid) Oak		25	Cords		
	Red Oak		2	Cords		
	White Oak		10	Cords		
	Red Maple		37	Cords		
	Red Pine		33	Cords		
	White Pine		35	Cords		
TOTAL:		209.4	MBF			
			738			

Page 29 of 48

Sale Specific Conditions & Requirements

Sale Name: Aspen Combo Sale Number: 71-018-24 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 paint. Exterior sale boundary lines against state are marked with red paint. 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, cut all trees that are two (2) inches or more at DBH, .

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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. If more than 33% of the newly sprouted tree seedlings within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the Sale Area that was damaged.

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 marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$300.00 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

4.1.6 - Road Construction (4/24)

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

4.1.7 - Road Closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. 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.

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. 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 36 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

5.2.3.11 - Coppice Regeneration Protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant tree sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

5.2.3.15 - Oak Wilt Restriction, Access Roads (11/23)

Brushing of access roads from all planned access routes to Payment Units must be completed prior to April 15 in order to use these roads for hauling timber or moving machinery between April 15 and July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.4 - Dead and Down Creation

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two trees that are nine (9) inches or larger in diameter on the ground for every four acres. They should be scattered throughout the sale or positioned per the Sale Administrator's instructions. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of five feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

In addition, the Purchaser is also required to leave brush piles along the lowland edges, 4 piles within Payment Unit 1 and 3 piles within Payment Unit 2. A large log piece or stump should be left on the bottom, then tops and slash piled on top.

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 damage posts with yellow ORV markers. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. 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. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

It is prohibited to run equipment down the ORV trail or route, especially within the lowland area between the Payment Units. The Payment Units must be accessed off of state forest roads only.

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

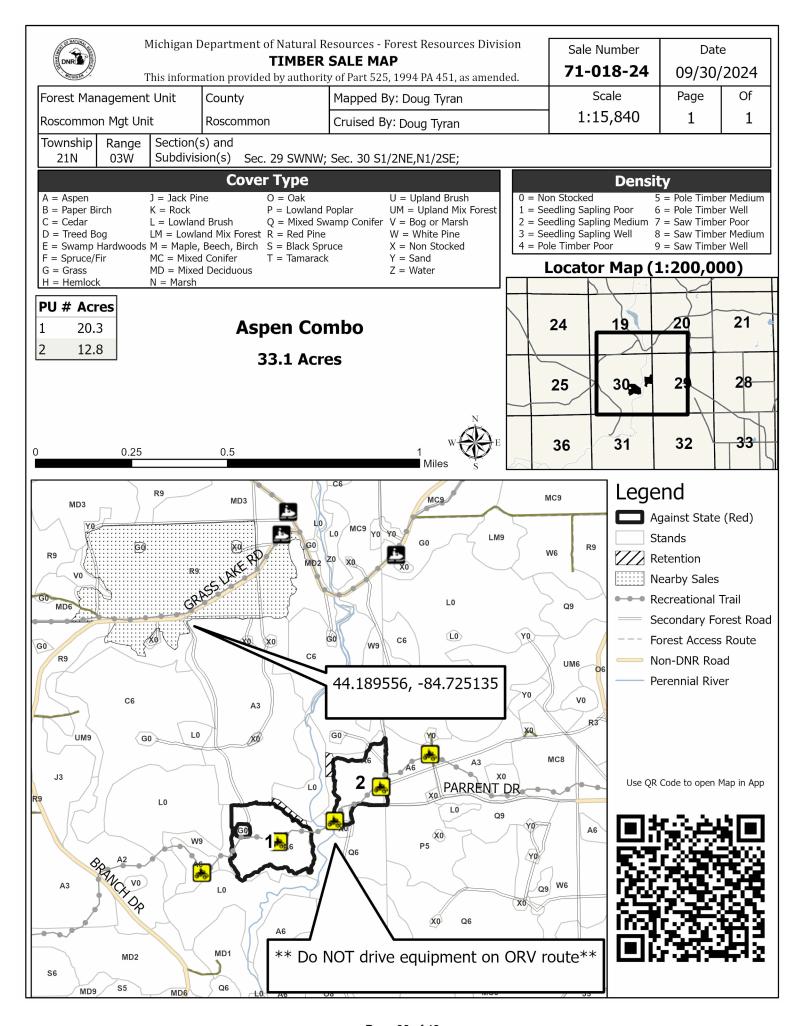
6.2.1 - Road Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Grass Lake Road and any other roads involved in removing timber products (County or State Forest 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 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. The Purchaser will provide these signs.

Section Name: Sale Specific Current as of 12/17/2024 9:58:53AM



Page 34 of 48

TIMBER SALE INFORMATION

Oak College (71-026-24) T24N, R04W, SEC. 6. Roscommon County (Advertised Price \$7,424.30)

SALE NOTE: Oak leave tree, hard oak wilt restriction.

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 UNIT	<u>S*</u> <u>AD</u>	ADVERTISED PRICE		
Sawtimber					
Red Oak	43.7 MBF	\$	133.00 / MBF		
Pulpwood					
Mixed Oak	62 Cords	\$	25.15 / Cord		
Red Maple	2 Cords	\$	26.45 / Cord		

^{*} The total volume is statistically estimated within plus (+) or minus (-) 46.01 percent. There are an estimated 166 cords on this timber sale, plus or minus 76 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 \$371.00 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.
 - (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

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 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	
13,098	166	46.01%	89	242	

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.

	VOL	JME		RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
41	13,098	166	46.02%	89	242
TOTAL:	13,098	166		89	242

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
41		5.0	1	5.0
Т	OTAL:	5.0		5.0

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Oak	Sawtimber	43.7	MBF	5.0	\$7,424.30
	Mixed Oak	Pulpwood	62	Cords		
	White Oak	Sawtimber	0.9	MBF		
	Red Oak	Pulpwood	56	Cords		
	White Oak		4	Cords		
	Red Maple		2	Cords		
	TOTAL:		43.7	MBF		
		TOTAL:	64	Cords		

Sale Specific Conditions & Requirements

Sale Name: Oak College Sale Number: 71-026-24 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 paint. Exterior sale boundary lines against state are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

2.1.7 - Leave Tree Marked Unit(s) (6/14)

Within Payment Unit(s) 1, all trees which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except do not cut any white pine or trees marked with green paint above and below stump height.

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 white pine seedlings and saplings.

Within the Sale Area, if more than 30% of 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 \$300 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 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.6 - Road Construction (4/24)

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

4.1.7 - Road Closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. 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.

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. 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 36 inches in height.

5.2.3 - Operating Restrictions

5.2.3.4 - Oak Wilt Restriction, No Exceptions (1/18)

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

5.2.32 - 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. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. 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.

5.2.41 - Snowmobile Trail Protection (9/11)

The 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 for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. 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. 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 Higgins Lake Drive and any State Forest 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.

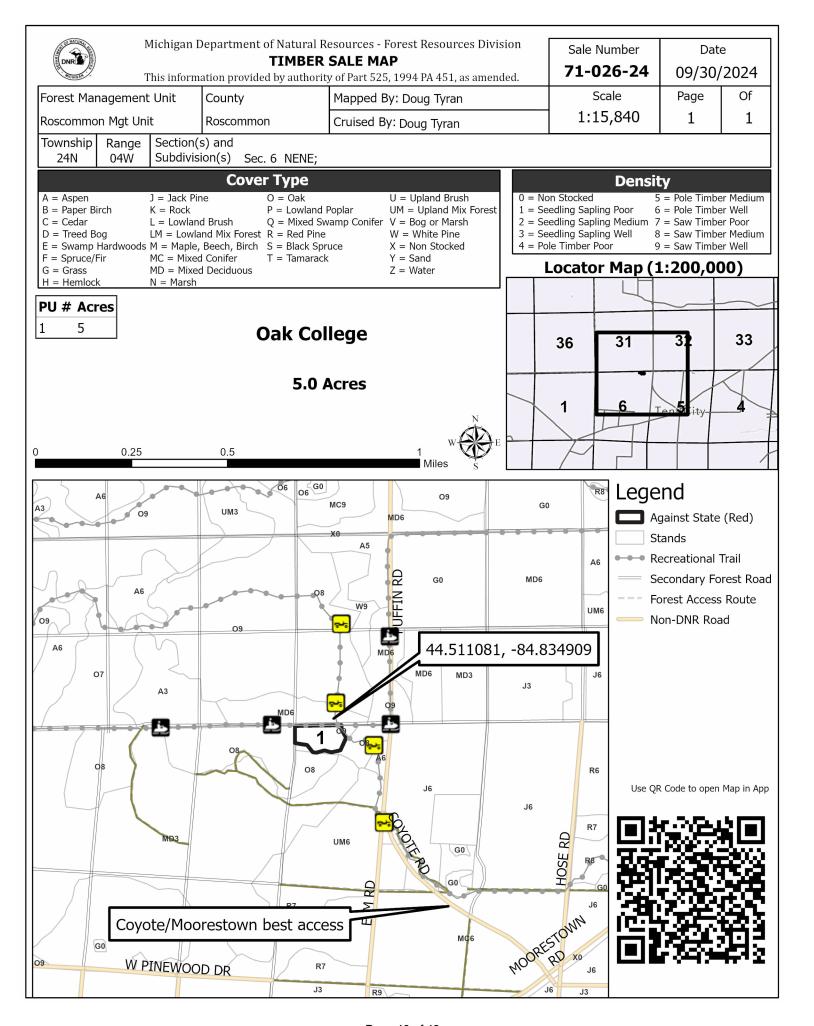
6.2.2 - Snowmobile Trail Posting (10/20)

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. The Purchaser will provide these signs.

Section Name: Sale Specific Current as of 12/20/2024 2:21:22PM



BID FORM

ROSCOMMON MANAGEMENT UNIT ROSCOMMON OFFICE

Lost Twin Lakes (71-009-24) T21N, R03W, SEC. 17; Roscommon COUNTY

In response to the notice of sale to be held 2:00 p.m. (local time) on February 18, 2025, 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>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Black/Red (Hybrid) Oak	178.1	MBF	\$	135.00/MBF	\$
Mixed Aspen	388.1	MBF	\$	92.00/MBF	\$
Red Maple	158.9	MBF	\$	81.00/MBF	\$
Red Pine	66.1	MBF	\$	124.00/MBF	\$
White Oak	56.5	MBF	\$	72.00/MBF	\$
White Pine	173.8	MBF	\$	79.00/MBF	\$
Pulpwood					
Balsam Fir	22	Cords	\$	23.05/Cord	\$
Jack Pine	5	Cords	\$	23.05/Cord	\$
Mixed Aspen	1,296	Cords	\$	38.10/Cord	\$
Mixed Hardwood	964	Cords	\$	26.45/Cord	\$
Mixed Oak	379	Cords	\$	25.15/Cord	\$
Red Pine	59	Cords	\$	51.40/Cord	\$
White Pine	1,227	Cords	\$	38.95/Cord	\$

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

	FEDERAL ID:	or SOCIAL S	ECURITY NUMBER:	!:	П	
	Company or individual bidding:					
	Company representative's name:					
	Address:					
	City:	State:	Zip:			
F AVAILA	ABLE, PLEASE PLACE THE PERS	ONALIZED LABEL FR	OM YOUR PROSPE	ECTUS IN THE ABOVE BOX.	_	
ndividual	ndividual or company representative's signature: Date:					
Phone nu	none number : Email (optional):					

^{*}The volumes are statistically estimated within plus (+) or minus (-) 11.79 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.



TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

 This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.

•	In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.					
•	All Information must be typed or printed except for written signatures.					
Ple	ease Check Appropriate Categories:					
1.	My business is organized as (you must check <u>one</u> A. □ Sole Proprietorship (individual) B. □ Partnership C. □ Corporation	e of the b	boxes below):			
2.	You must check <u>one</u> of the boxes below:					
	 A. I certify my business is a sole proprietorship and i Worker's Compensation Laws. 	it has no	employees but the sole proprietor. I am not subject to the			
	B. I certify my business has satisfied its o bligation to	copy of the	rker's Compensation Act through the use of an approved Notice of the Notice of Exclusion within 21 days of the contract award. (For ker's Compensation Bureau at 517-322-1195).			
	C. I certify my business has a Worker's Compensation one (21) days of the contract award.	on Policy.	/. I will provide an original Certificate of Insurance within twenty-			
3.	If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time employees, othe than yourself, including family members and active partners (if none, you must enter "0").					
	Full-time Employees		Part-time Employees			
lam	me of Business		Federal ID (or) Social Security No.			
ddı	dress		Telephone (
ity	State		ZIP			
n fa	factors affecting my coverage during any of my preso		I agree to notify the Michigan DNR of any changes that occur future operations.			
S	Signature of Owner or Authorized Representative					
T	Title		Date			

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

BID FORM

ROSCOMMON MANAGEMENT UNIT ROSCOMMON OFFICE

PPLV Mix (71-017-24)

T24N, R02E, SEC. 15; T24N, R02E, SEC. 16; T24N, R02E, SEC. 22; Ogemaw

In response to the notice of sale to be held 2:00 p.m. (local time) on February 18, 2025, 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>A</u> E	VERTISED PRICE	BID PRICE/UNIT
B. T. Aspen	371.8	MBF	\$	92.00/MBF	\$
Black/Red (Hybrid) Oak	51.9	MBF	\$	135.00/MBF	\$
Jack Pine	10.8	MBF	\$	57.00/MBF	\$
Quaking Aspen	20.0	MBF	\$	92.00/MBF	\$
Red Maple	116.0	MBF	\$	81.00/MBF	\$
Red Oak	643.5	MBF	\$	133.00/MBF	\$
Red Pine	99.4	MBF	\$	124.00/MBF	\$
White Oak	122.1	MBF	\$	72.00/MBF	\$
White Pine	38.6	MBF	\$	80.00/MBF	\$
Pulpwood					
Jack Pine	59	Cords	\$	23.05/Cord	\$
Mixed Aspen	594	Cords	\$	38.10/Cord	\$
Mixed Hardwood	1,324	Cords	\$	26.45/Cord	\$
Mixed Oak	1,172	Cords	\$	25.15/Cord	\$
Red Pine	277	Cords	\$	51.40/Cord	\$
White Pine	97	Cords	\$	38.95/Cord	\$

^{*}The volumes are statistically estimated within plus (+) or minus (-) 9.50 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	URITY NUMBER:			
	Company or individual bidding:					
	Company representative's name:					
	Address:					
	City:	State:	Zip:			
AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.						
ndividual	ividual or company representative's signature: Date:					
Phone number : Email (opt			(optional):			



TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

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

Please Check Appropriate Categories:

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

1.	My business is organized as (you must of A. ☐ Sole Proprietorship (individual) B. ☐ Partnership	check <u>one</u> of the	boxes b	elow):		
	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), yethan yourself, including family members					
	Full-time Em	ployees			Part-time Employees	
Nan	ne of Business		Federal	D (or) Social Security	y No.	
Add	ress		Telephoi	ne)		
City		State	ZIP			
in f	ereby certify that the above information is to factors affecting my coverage during any of Signature of Owner or Authorized Representative				igan DNR of any changes that occur	
	Signature of Owner of Authorized Nepresentative					
7	Title			Date		

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

BID FORM

ROSCOMMON MANAGEMENT UNIT ROSCOMMON OFFICE

Aspen Combo (71-018-24)

T21N, R03W, SEC. 29; T21N, R03W, SEC. 30; Roscommon COUNTY

In response to the notice of sale to be held 2:00 p.m. (local time) on February 18, 2025, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	ESTIMATED VOLUME*	<u>A</u> E	OVERTISED PRICE	BID PRICE/UNIT
Sawtimber				
B. T. Aspen	62.5 MBF	\$	92.00/MBF	\$
Mixed Oak	47.0 MBF	\$	135.00/MBF	\$
Red Maple	39.7 MBF	\$	81.00/MBF	\$
Red Pine	32.1 MBF	\$	124.00/MBF	\$
White Oak	17.1 MBF	\$	72.00/MBF	\$
White Pine	11.0 MBF	\$	80.00/MBF	\$
Pulpwood				
B. T. Aspen	400 Cords	\$	38.10/Cord	\$
Balsam Fir	3 Cords	\$	23.05/Cord	\$
Mixed Oak	87 Cords	\$	25.15/Cord	\$
Red Maple	103 Cords	\$	26.45/Cord	\$
Red Pine	48 Cords	\$	51.40/Cord	\$
White Pine	97 Cords	\$	38.95/Cord	\$

^{*}The volumes are statistically estimated within plus (+) or minus (-) 24.95 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

	FEDERAL ID:	or SOCIAL SECU	JRITY NUMBER:			
	Company or individual bidding:					
	Company representative's name:					
	Address:					
	City:	State:	Zip:			
F AVAILA	BLE, PLEASE PLACE THE PERSO	NALIZED LABEL FROM	YOUR PROSPECTUS IN TI	HE ABOVE BOX.		
ndividual	dividual or company representative's signature: Date:					
hone nu	none 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.

•	twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.						
•	All Information must be typed or printed except for written signatures.						
Ple	Please Check Appropriate Categories:						
1.	 My business is organized as (you must check one of the book. Sole Proprietorship (individual) Partnership Corporation 	oxes below):					
 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 Work	ker's Compensation Act through the use of an approved Notice of the 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 s (if none, you must enter "0").					
	Full-time Employees	Part-time Employees					
Van	Name of Business	Federal ID (or) Social Security No.					
Add	Address	Telephone ()					
City	City State	ZIP					
	hereby certify that the above information is true and correct. In factors affecting my coverage during any of my present and for						
-	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

ROSCOMMON MANAGEMENT UNIT ROSCOMMON OFFICE

Oak College (71-026-24)

T24N, R04W, SEC. 6; Roscommon COUNTY

In response to the notice of sale to be held 2:00 p.m. (local time) on February 18, 2025, 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*	AD	VERTISED PRICE	BID PRICE/UNIT
Sawtimber				
Red Oak	43.7 MBF	\$	133.00/MBF	\$
Pulpwood				
Mixed Oak	62 Cords	\$	25.15/Cord	\$
Red Maple	2 Cords	\$	26.45/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 46.01 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 FROM	M YOUR PROSPECTUS IN T	HE ABOVE BOX.		
Individua	l or company representative's signatu	re:		Date:		
Dhone ni	ımher :	Email	(ontional):			



TIMBER SALE **VERIFICATION OF WORKER'S DISABILITY** COMPENSATION ACT COMPLIANCE

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

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.

•	twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.				
•	All Information must be typed or printed except for written signatures.				
Ple	ease Check Appropriate Categories:				
1.	My business is organized as (you must che	eck <u>one</u> of the	e boxes below):		
	A. Sole Proprietorship (individual)				
	B. Partnership				
	C. Corporation				
2.	You must check <u>one</u> of the boxes below:				
	A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.				
	Exclusion (BWC-337, Rev. 5/96). I will pr	ovide a copy of	/orker's Compensation Act through the use of an approved Notice of fithe Notice of Exclusion within 21 days of the contract award. (For orker's Compensation Bureau at 517-322-1195).		
	C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.				
3.	than yourself, including family members and	d active partne	ate the number of both full-time and part-time employees, other ners (if none, you must enter "0"). Part-time Employees		
lam	ne of Business		Federal ID (or) Social Security No.		
∖ddr	ress		Telephone ()		
City	Sta	te	ZIP		
n fa	ereby certify that the above information is true actors affecting my coverage during any of m		I. I agree to notify the Michigan DNR of any changes that occur d future operations.		

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