

# DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN <u>TIMBER SALE PROSPECTUS #7508</u>

# <u>SCHEDULED SALE DATE AND TIME:</u> 12:00 p.m. (local time) on November 6, 2024. <u>LOCATION:</u> ESCANABA MGMT UNIT, 6833 HWY'S 2, 41 & M-35, GLADSTONE, MI 49837.

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

<u>Meniscus Melee</u> (12-005-24) / T43N, R27W, SEC. 30, SWNE,NESW,S1/2SW,W1/2SE. T43N, R28W, SEC. 25, SWSE. T43N, R28W, SEC. 26, SENW,SWNE,NESW,S1/2SW,SE. T43N, R28W, SEC. 27, E1/2SE. T43N, R28W, SEC. 35, NENE. T43N, R28W, SEC. 36, NWNE. Dickinson County, Advertised Price \$103,213.30, 212.8 Acres, Aspen, Red Pine.

SALE NOTE: Payment Unit 1 is a scaled lowland Payment Unit that requires winter or very dry summer cutting conditions. Landing for scale products is shown on Timber Sale Map. Escanaba & Lake Superior railroad must be contacted for temporary crossing permit to access Payment Units 2 & 3. Enbridge Pipeline will need to be contacted prior to any operations on, along or across their right of way. Best access to Unit 5 is via private property to west; Purchaser will need to obtain permission.

Up In Smoke (12-006-24) / T40N, R28W, SEC. 17, NESW, SWSW, NWSE, S1/2SE.

T40N, R28W, SEC. 18, N1/2NW,SENW,N1/2NE,SWNE,SESE. T40N, R28W, SEC. 19, N1/2NE. T40N, R28W, SEC. 20, NWNW,N1/2NE. T40N, R28W, SEC. 21, SW. T40N, R28W, SEC. 28, NWNW. T40N, R28W, SEC. 7, S1/2SW,SWSE. T40N, R29W, SEC. 12, S1/2SE. T40N, R29W, SEC. 13, N1/2NE.

Dickinson County, Advertised Price \$124,642.05, 268.6 Acres, Aspen, Hardwood.

SALE NOTE: No new roads will be permitted. Payment Units 1-4, 8, 9 are restricted to frozen ground conditions. Hauling is currently prohibited across Kimichik's bridge due to structural issues. 500 yards of fill and 2 culvert placements will be required prior to any harvesting. Culverts will be provided by DNR.

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

<u>TKR Summer</u> (12-009-24) / T40N, R29W, SEC. 2 , SWNW,NWSW,S1/2SW. T40N, R29W, SEC. 3 , SENE,NESE,S1/2SE. T41N, R29W, SEC. 35, SESW,S1/2SE. T41N, R29W, SEC. 36, SWSW. Dickinson County, Advertised Price \$53,643.75, 103.3 Acres, Hardwood, Aspen.

SALE NOTE: Two culverts will need to be installed prior to hauling. Payment Unit 6 is a frozen or very dry summer ground harvest only. Due to the Emerald Ash Borer damage, white ash prices have been reduced.

Access may be through private land.

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

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

Bids must be received by the Unit Manager, ESCANABA OFFICE, 6833 Hwy's 2, 41 & M-35, Gladstone, MI 49837, no later than 12:00 p.m. (local time) on November 6, 2024. For further information concerning this sale, contact Daniel Racine at 906-789-8231.

## 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

#### Meniscus Melee (12-005-24)

T43N, R27W, SEC. 30; T43N, R28W, SEC. 25; T43N, R28W, SEC. 26; T43N, R28W, SEC. 27; T43N, R28W, SEC. 35; T43N, R28W, SEC. 36.

SALE NOTE: Payment Unit 1 is a scaled lowland Payment Unit that requires winter or very dry summer cutting conditions. Landing for scale products is shown on Timber Sale Map. Escanaba & Lake Superior railroad must be contacted for temporary crossing permit to access Payment Units 2 & 3. Enbridge Pipeline will need to be contacted prior to any operations on, along or across their right of way. Best access to Unit 5 is via private property to west; Purchaser will need to obtain permission.

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

PRODUCTS & SPECIES	<u>ESTIMATE</u>	D UNITS*	ADVE	ERTISED PRICE
Pulpwood				
Balsam Fir	142	Cords	\$	5.20 / Cord
Mixed Hardwood	118	Cords	\$	13.30 / Cord
Mixed Spruce	116	Cords	\$	11.65 / Cord
Quaking Aspen	2,139	Cords	\$	19.70 / Cord
Red Pine	730	Cords	\$	77.90 / Cord
Tamarack	112	Cords	\$	4.90 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 14.60 percent. There are an estimated 3,357 cords on this timber sale, plus or minus 490 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

#### BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$8,257.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule :
- (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
- (b) The 10% down payment will be credited towards the first unit cut.
- (c) Payment for each of the following units must be made before cutting begins in that unit: PAYMENT UNIT NUMBER PERCENT OF TOTAL SALE VALUE

	PERCENT OF TOTAL SALE
01	1.3%
02	15.5%
03	5.1%
04	7.9%
05	29.8%
06	20.6%
07	12.4%
08	7.4%

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

5. Operations on the contract issued will terminate on 06/30/2028.

#### 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
265,198	3,357	14.60%	2,867	3,847

#### **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
4	5,024	64	52.00%	31	97
9	13,004	165	41.80%	96	233
12	15,620	198	39.73%	119	276
14	8,288	105	49.28%	53	157
17	13,970	177	0.00%	177	177
42	177,987	2,253	19.84%	1,806	2,700
51	31,306	396	19.82%	318	475
TOTAL:	265,198	3,357		2,599	4,115

## 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
4	6.2	2	6.2
9	27.7	2	23.7
		3	4.0
12	22.5	3	22.5
14	11.7	4	11.7
17	38.5	1	38.5
42	80.1	6	40.8
		7	24.6
		8	14.7
51	26.1	5	26.1
TOTAL:	212.8		212.8

# DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Spruce	Pulpwood	64	Cords	38.5	\$1,294.40
	Black Spruce		64	Cords		
	Tamarack		112	Cords		
2	Red Pine	Pulpwood	205	Cords	29.9	\$15,969.50
3	Balsam Fir	Pulpwood	19	Cords	26.5	\$5,237.40
	Mixed Hardwood		17	Cords		
	Balsam Poplar		9	Cords		
	Black Cherry		8	Cords		
	Mixed Spruce		16	Cords		
	White Spruce		16	Cords		
	Quaking Aspen		145	Cords		
	Red Pine		24	Cords		
4	Red Pine	Pulpwood	105	Cords	11.7	\$8,179.50
5	Red Pine	Pulpwood	396	Cords	26.1	\$30,848.40
6	Balsam Fir	Pulpwood	62	Cords	40.8	\$21,225.60
	Mixed Hardwood		51	Cords		
	Black Cherry		21	Cords		
	Paper Birch		5	Cords		
	Red Maple		13	Cords		
	Sugar Maple		12	Cords		
	Mixed Spruce		18	Cords		
	Black Spruce		5	Cords		
	White Spruce		13	Cords		
	Quaking Aspen		1,016	Cords		
7	Balsam Fir	Pulpwood	38	Cords	24.6	\$12,794.45
	Mixed Hardwood		31	Cords		
	Black Cherry		12	Cords		
	Paper Birch		3	Cords		
	Red Maple		8	Cords		
	Sugar Maple		8	Cords		
	Mixed Spruce		11	Cords		
	Black Spruce		3	Cords		
	White Spruce		8	Cords		
	Quaking Aspen		612	Cords		
8	Balsam Fir	Pulpwood	23	Cords	14.7	\$7,664.05
	Mixed Hardwood		19	Cords		
	Black Cherry		7	Cords		
	Paper Birch		2	Cords		
	Red Maple		5	Cords		
	Sugar Maple		5	Cords		
	Mixed Spruce		7	Cords		
	Black Spruce		2	Cords		
	White Spruce		5	Cords		
	Quaking Aspen		366	Cords		
	Quanting / topon					

Sale Number: 12-005-24 Seg#: 1

### Sale Name: Meniscus Melee

#### 1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint, along with a pipeline. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint, with the exception of the boundary between Payment Units 2 & 3, which is unpainted and designated by the pipeline (see Timber Sale Map). Retention patches within Payment Units 6 & 7 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) 1, 3, and 6-8, cut all trees that are two (2) inches or more at DBH, except do not cut cedar, red pine, white pine, or hemlock.

Payment Unit 1 is a scaled Payment Unit. Purchaser will be required to call the Sale Administrator while the Payment Unit is being cut so that the products can be scaled prior to being hauled off site.

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

Within Payment Unit(s) 2, 4, and 5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

#### 2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible in Payment Units 2, 4, and 5, unless approved by the Unit Manager or his/her representative.

#### 3 - Payments

#### 3.2 - Scaled Sales

3.2.1 - Scale location (2/04)

Forest products will be placed for measurement on south side of Cootware Road/Payment Unit 1, as shown on the Timber Sale Map. No products may be hauled off Payment Unit 1 until the Sale Administrator has scaled and marked piles.

#### 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 5 feet away from the road edge.

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

### 4.2 - Maintenance

## 4.2.4 - Grading (10/16)

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

#### 4.3 - Public Right-of-Way

4.3.2 - County R-O-W (12/06)

The county must be contacted prior to decking along or pushing in a road on the county road R-O-W. This applies to Cootware Road and County Road 426.

#### 4.4 - Access

4.4.2 - Alternate route on private property (2/04)

It is the Purchaser's responsibility to obtain access across private land for any routes other than the route shown on the Timber Sale Map.

#### 5 - Operations

#### 5.1 - Notification

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

The Purchaser is responsible for contacting the Enbridge Pipeline Company at least 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Enbridge will require a site visit and permit to allow operations on, along, or across the pipeline right of way. You can also email: crossingsUS@enbridge.com.

#### 5.1.7 - Railroad R.O.W. (3/16)

Escanaba & Lake Superior Railroad Company owns the railroad tracks to access Payment Unit(s) 2 & 3. Please contact Tyler Delvaux at their main office (906-786-0693) for a temporary crossing permit.

#### 5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1, unless changed by written agreement, cutting and skidding are limited to frozen ground conditions or very dry summer conditions. This restriction is because of saturated soils.

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

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

#### 5.2.32 - Decking/landing restoration (9/13)

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

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

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

### 5.4 - Soil Protection

#### 5.4.1 - Rutting restriction, general (7/16)

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

#### 6 - Safety and Fire Prevention

## 6.2 - Signing

# 6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Cootware Road and County Road 426 prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



# TIMBER SALE INFORMATION

#### Up In Smoke (12-006-24)

T40N, R28W, SEC. 17; T40N, R28W, SEC. 18; T40N, R28W, SEC. 19; T40N, R28W, SEC. 20; T40N, R28W, SEC. 21; T40N, R28W, SEC. 28; T40N, R28W, SEC. 7; T40N, R29W, SEC. 12; T40N, R29W, SEC. 13.

SALE NOTE: No new roads will be permitted. Payment Units 1-4, 8, 9 are restricted to frozen ground conditions. Hauling is currently prohibited across Kimichik's bridge due to structural issues. 500 yards of fill and 2 culvert placements will be required prior to any harvesting. Culverts will be provided by DNR.

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

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

PRODUCTS & SPECIES	<u>ESTIMATE</u>	D UNITS*	ADV	ERTISED PRICE
Sawtimber				
Paper Birch	27.6	MBF	\$	51.00 / MBF
Red Maple	34.9	MBF	\$	127.00 / MBF
Sugar Maple	35.7	MBF	\$	238.00 / MBF
Pulpwood				
Balsam Fir	413	Cords	\$	4.80 / Cord
Basswood	92	Cords	\$	8.15 / Cord
Mixed Aspen	4,597	Cords	\$	18.35 / Cord
Mixed Hardwood	1,808	Cords	\$	12.40 / Cord
White Spruce	74	Cords	\$	10.80 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 13.04 percent. There are an estimated 7,217 cords on this timber sale, plus or minus 941 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 \$9,971.00 to insure faithful performance of the conditions of the contract will be deposited
  - by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule :
- (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
- (b) The 10% down payment will be credited towards the first unit cut.
- (c) Payment for each of the following units must be made before cutting begins in that unit: PAYMENT UNIT NUMBER PERCENT OF TOTAL SALE VALUE

	PERCENT OF TOTAL SALE V
01	12.5%
02	10.0%
03	21.2%
04	10.6%
05	6.6%
06	9.8%
07	5.1%
08	8.1%
09	16.1%

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

5. Operations on the contract issued will terminate on 06/30/2028.

#### 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	ME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM	
570,132	7,217	13.04%	6,276	8,158

#### **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
29	56,592	716	33.56%	476	957
38	28,264	358	26.39%	263	452
54	310,735	3,933	19.52%	3,166	4,701
79	142,534	1,804	26.31%	1,329	2,279
104	32,006	405	38.86%	248	563
TOTAL:	570,132	7,217		5,482	8,952

#### 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
29	26.8	6	26.8
38	15.7	7	15.7
54	127.6	1	29.4
		2	23.6
		3	49.7
		4	24.9
79	82.7	8	27.8
		9	54.9
104	15.8	5	15.8
TOTAL:	268.6		268.6

# DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

	MARKET GROUP	PRODUCT			ACRES	
			QUANTITY			ADVERTISE PRICE
	Paper Birch	Sawtimber	5.6	MBF	29.4	\$15,583.75
	Red Maple		5.4	MBF		
	Sugar Maple		2.9	MBF		
	Balsam Fir	Pulpwood	41	Cords		
E	Basswood		8	Cords		
	Basswood	Sawtimber	1.1	MBF		
	Basswood	Pulpwood	6	Cords		
N	Mixed Aspen		581	Cords		
	B. T. Aspen		18	Cords		
	Quaking Aspen		563	Cords		
N	Mixed Hardwood		234	Cords		
	Balsam Poplar		43	Cords		
	Black Ash		15	Cords		
	Ironwood		3	Cords		
	Paper Birch		23	Cords		
	Red Maple		111	Cords		
	Sugar Maple		26	Cords		
	White Ash		8	Cords		
	Yellow Birch		5	Cords		
V	White Spruce		9	Cords		
2 F	Paper Birch	Sawtimber	4.5	MBF	23.6	\$12,494.75
F	Red Maple		4.3	MBF		
5	Sugar Maple		2.3	MBF		
E E	Balsam Fir	Pulpwood	33	Cords		
E	Basswood		7	Cords		
	Basswood	Sawtimber	0.9	MBF		
	Basswood	Pulpwood	5	Cords		
N	Mixed Aspen		466	Cords		
	B. T. Aspen		14	Cords		
	Quaking Aspen		452	Cords		
	Mixed Hardwood		187	Cords		
	Balsam Poplar		34	Cords		
	Black Ash		12	Cords		
	Ironwood		2	Cords		
	Paper Birch		19	Cords		
	Red Maple		89	Cords		
	Sugar Maple		21	Cords		
	White Ash		6	Cords		
	Yellow Birch		4	Cords		
V	White Spruce		8	Cords		
	Paper Birch	Sawtimber	9.3	MBF	49.7	\$26,312.50
	Red Maple		9.1	MBF		
	Sugar Maple		4.9	MBF		
	Balsam Fir	Pulpwood	70	Cords		
E	Basswood		14	Cords		
	Basswood	Sawtimber	1.9	MBF		
	Basswood	Pulpwood	10	Cords		
	Mixed Aspen		980	Cords		
	B. T. Aspen		30	Cords		
	Quaking Aspen		950	Cords		
	Mixed Hardwood		396	Cords		
	Balsam Poplar		73	Cords		
	Black Ash		27	Cords		
	Ironwood		5	Cords		
	Paper Birch		39	Cords		
	Red Maple		186	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
3 con't	Sugar Maple	Pulpwood	45	Cords		
	White Ash		13	Cords		
	Yellow Birch		8	Cords		
	White Spruce		16	Cords		
4	Paper Birch	Sawtimber	4.7	MBF	24.9	\$13,213.45
	Red Maple		4.5	MBF		
	Sugar Maple		2.5	MBF		
	Balsam Fir	Pulpwood	35	Cords		
	Basswood		7	Cords		
	Basswood	Sawtimber	0.9	MBF		
	Basswood	Pulpwood	5	Cords		
	Mixed Aspen		492	Cords		
	B. T. Aspen		15	Cords		
	Quaking Aspen		477	Cords		
	Mixed Hardwood		199	Cords		
	Balsam Poplar		36	Cords		
	Black Ash		13	Cords		
	Ironwood		3	Cords		
	Paper Birch		20	Cords		
	Red Maple		94	Cords		
	Sugar Maple		22	Cords		
	White Ash		7	Cords		
	Yellow Birch		4	Cords		
_	White Spruce	<b>A</b>	8	Cords	17.0	
5	Paper Birch	Sawtimber	2.9	MBF	15.8	\$8,270.00
	Red Maple		3.1	MBF		
	Sugar Maple		8.7	MBF		
	Balsam Fir	Pulpwood	7	Cords		
	Mixed Aspen		188	Cords		
	B. T. Aspen		13	Cords		
	Quaking Aspen		175	Cords		
	Mixed Hardwood	Ormetingham	171	Cords		
	Yellow Birch	Sawtimber	0.7	MBF		
	Balsam Poplar Beech	Pulpwood	36 4	Cords Cords		
	Black Ash		4	Cords		
	Ironwood		2	Cords		
	Paper Birch		12	Cords		
	Red Maple		36	Cords		
	Sugar Maple		68	Cords		
	Yellow Birch		8	Cords		
	White Spruce		5	Cords		
6	Sugar Maple	Sawtimber	6.5	MBF	26.8	\$12,256.70
0	Balsam Fir	Pulpwood	61	Cords	20.0	φ12,200.70
	Basswood		23	Cords		
	Basswood	Sawtimber	1.4	MBF		
	Basswood	Pulpwood	20	Cords		
	Mixed Aspen		443	Cords		
	B. T. Aspen		102	Cords		
	Quaking Aspen		341	Cords		
	Mixed Hardwood		145	Cords		
	Balsam Poplar		18	Cords		
	Ironwood		3	Cords		
	Sugar Maple		85	Cords		
	White Ash		16	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	White Spruce	Pulpwood	28	Cords		
7	Paper Birch	Sawtimber	0.6	MBF	15.7	\$6,343.30
	Sugar Maple		4.0	MBF		
	Balsam Fir	Pulpwood	20	Cords		
	Basswood		33	Cords		
	Basswood	Sawtimber	1.3	MBF		
	Basswood	Pulpwood	30	Cords		
	Mixed Aspen		229	Cords		
	B. T. Aspen		4	Cords		
	Quaking Aspen		225	Cords		
	Mixed Hardwood		64	Cords		
	Balsam Poplar		7	Cords		
	Ironwood		7	Cords		
	Paper Birch		8	Cords		
	Red Maple		4	Cords		
	Sugar Maple		38	Cords		
8	Red Maple	Sawtimber	2.9	MBF	27.8	\$10,129.25
	Sugar Maple		1.3	MBF		
	Balsam Fir	Pulpwood	49	Cords		
	Mixed Aspen		409	Cords		
	Quaking Aspen		409	Cords		
	Mixed Hardwood		138	Cords		
	Balsam Poplar		21	Cords		
	Ironwood		1	Cords		
	Paper Birch		4	Cords		
	Red Maple		81	Cords		
	Sugar Maple		31	Cords		
9	Red Maple	Sawtimber	5.6	MBF	54.9	\$20,038.35
	Sugar Maple		2.6	MBF		
	Balsam Fir	Pulpwood	97	Cords		
	Mixed Aspen		809	Cords		
	Quaking Aspen		809	Cords		
	Mixed Hardwood		274	Cords		
	Balsam Poplar		42	Cords		
	Ironwood		3	Cords		
	Paper Birch		9	Cords		
	Red Maple		160	Cords		
	Sugar Maple		60	Cords		
		TOTAL:	98.2	MBF		
		TOTAL:	6,984	Cords		

### Sale Specific Conditions & Requirements

### Sale Name: Up In Smoke

#### Sale Number: 12-006-24 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. Exclusions/retention patches are marked with red paint; no harvesting activities may occur within these areas. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

### 2 - Timber Specifications

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

Within Payment Unit(s) 1-9, cut all trees that are two (2) inches or more at DBH, except do not cut cedar, pine, hemlock and oak, if present. In addition, the following exceptions apply:

- Within Payment Units 1-4, do not cut any sub-merchantable conifer and cherry.
- Within Payment Units 6-7, do not cut any birch and cherry.
- Within Payment Units 8-9, do not cut any cherry.

## 4 - Transportation

4.1 - Construction

4.1.8 - Road work (1) (8/07)

The following road work is required: (1) Place 2 culverts at locations indicated on roadwork map, and (2) Fill will be required at locations indicated on roadwork map and several other locations along haul route. Approximately 500 yards of fill will be required; fill is available on site. Contact Sale Administrator for location. This road work must be done prior to starting any cutting operations.

4.1.12 - No new roads (1/12)

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

#### 4.2 - Maintenance

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

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

#### 5 - Operations

- 5.2 Conduct of Operations
  - 5.2.3 Operating Restrictions

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

Within Payment Unit(s) 1-4, 8-9, unless changed by written agreement, cutting and skidding are restricted to frozen ground conditions. This restriction is because of shallow, wet soil.

### 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.

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

The ORV and snowmobile trails are 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.

## 5.2.41 - Snowmobile trail protection (9/11)

The Cassidy Creek Road is a snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. Trail 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 road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail.

#### 5.4 - Soil Protection

## 5.4.1 - Rutting restriction, general (7/16)

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

#### 6 - Safety and Fire Prevention

## 6.2 - Signing

## 6.2.1 - Road posting (10/20)

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

### 6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Cassidy Creek Road 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.





# TIMBER SALE INFORMATION

#### TKR Summer (12-009-24)

T40N, R29W, SEC. 2; T40N, R29W, SEC. 3; T41N, R29W, SEC. 35; T41N, R29W, SEC. 36. Dickinson County (Advertised Price \$53,643.75)

SALE NOTE: Two culverts will need to be installed prior to hauling. Payment Unit 6 is a frozen or very dry summer ground harvest only. Due to the Emerald Ash Borer damage, white ash prices have been reduced.

#### Access may be through private land.

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

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	ADV	ERTISED PRICE
Sawtimber				
Basswood	6.4	MBF	\$	110.00 / MBF
Paper Birch	19.9	MBF	\$	55.00 / MBF
Red Maple	35.1	MBF	\$	137.00 / MBF
Sugar Maple	31.2	MBF	\$	256.00 / MBF
Pulpwood				
Balsam Fir	30	Cords	\$	5.20 / Cord
Basswood	35	Cords	\$	8.75 / Cord
Mixed Aspen	1,166	Cords	\$	19.70 / Cord
Mixed Hardwood	1,145	Cords	\$	13.30 / Cord
White Ash	202	Cords	\$	1.00 / Cord
White Spruce	16	Cords	\$	11.65 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 13.82 percent. There are an estimated 2,815 cords on this timber sale, plus or minus 389 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 \$4,292.00 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	25.4%
02	3.4%
03	8.9%
04	29.4%
05	13.4%
06	19.5%

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

5. Operations on the contract issued will terminate on 06/30/2028.

#### SALE STATISTICS

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

#### SALE VOLUMES

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

VOLUME		VOLUME		ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
222,352	2,815	13.82%	2,425	3,204

#### **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
5	56,715	718	28.88%	511	925
13	3,595	46	74.72%	12	80
16	29,880	378	26.55%	278	479
18	7,655	97	94.24%	6	188
89	23,091	292	43.17%	166	418
91	18,032	228	49.35%	116	341
99	25,675	325	50.82%	160	490
103	57,709	730	29.74%	513	948
TOTAL:	222,352	2,815		1,760	3,869

#### 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
5	18.8	1	18.8
13	13.7	2	13.7
16	26.3	3	26.3
18	5.1	2	5.1
89	7.7	4	7.7
91	4.7	4	4.7
99	7.3	5	7.3
103	19.7	4	4.4
		6	15.3
TOTAL:	103.3		103.3

# DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
	Paper Birch	Sawtimber	9.6	MBF	18.8	\$13,643.10
	Red Maple		10.3	MBF		
	Sugar Maple		6.2	MBF		
	Balsam Fir	Pulpwood	10	Cords		
1	Basswood		8	Cords		
	Mixed Aspen		240	Cords		
	Quaking Aspen		240	Cords		
	Mixed Hardwood		396	Cords		
	Yellow Birch	Sawtimber	7.5	MBF		
	Paper Birch	Pulpwood	22	Cords		
	Red Maple		188	Cords		
	Sugar Maple		136	Cords		
	Yellow Birch		35	Cords		
2	Sugar Maple	Sawtimber	1.5	MBF	18.8	\$1,836.05
	Basswood	Pulpwood	1	Cords		
	Mixed Aspen		14	Cords		
	Quaking Aspen		14	Cords		
	Mixed Hardwood		85	Cords		
	Ironwood		3	Cords		
	Paper Birch		4	Cords		
	Red Maple		21	Cords		
	Sugar Maple		54	Cords		
	Yellow Birch		3	Cords		
	White Ash		37	Cords		
	Basswood	Sawtimber	6.4	MBF	26.3	\$4,791.40
	Paper Birch	Gawamber	1.3	MBF	20.0	φ+,731.+0
	Red Maple		1.6	MBF		
	Sugar Maple		1.0	MBF		
	Basswood	Pulpwood	26	Cords		
	Mixed Aspen	Fulpwood	20 27	Cords		
	B. T. Aspen		4	Cords		
	Quaking Aspen		23	Cords		
	Mixed Hardwood		185	Cords		
	Balsam Poplar		3	Cords		
	Ironwood		15	Cords		
	Paper Birch		16	Cords		
	Red Maple		51	Cords		
	Sugar Maple		93	Cords		
	Yellow Birch		7	Cords		
	White Ash		116	Cords		<u> </u>
	Paper Birch	Sawtimber	7.4	MBF	16.8	\$15,701.45
	Red Maple		14.7	MBF		
	Sugar Maple		14.1	MBF		
	Balsam Fir	Pulpwood	8	Cords		
	Mixed Aspen		295	Cords		
	B. T. Aspen		11	Cords		
	Quaking Aspen		284	Cords		
	Mixed Hardwood		282	Cords		
	Balsam Poplar		5	Cords		
	Ironwood		2	Cords		
	Paper Birch		24	Cords		
	Red Maple		94	Cords		
	need maple				1	1
	Sugar Maple		147	Cords		
	-		147 10	Cords Cords		
	Sugar Maple					

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5	Sugar Maple	Sawtimber	7.6	MBF	7.3	\$7,191.70
	Mixed Aspen	Pulpwood	224	Cords		
	Quaking Aspen		224	Cords		
	Mixed Hardwood		61	Cords		
	Ironwood		3	Cords		
	Red Maple		42	Cords		
	Sugar Maple		16	Cords		
	White Ash		22	Cords		
6	Paper Birch	Sawtimber	1.6	MBF	15.3	\$10,480.05
	Red Maple		8.5	MBF		
	Balsam Fir	Pulpwood	12	Cords		
	Mixed Aspen		366	Cords		
	B. T. Aspen		38	Cords		
	Quaking Aspen		328	Cords		
	Mixed Hardwood		136	Cords		
	Balsam Poplar		18	Cords		
	Paper Birch		6	Cords		
	Red Maple		105	Cords		
	Sugar Maple		5	Cords		
	Yellow Birch		2	Cords		
	White Ash		18	Cords		
	White Spruce		11	Cords		
		TOTAL:	92.6	MBF		
		TOTAL:	2,594	Cords		

Sale Number: 12-009-24 Seg#: 1

#### Sale Name: TKR Summer

#### 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. 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

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

Within Payment Unit(s) 1, and 4-6, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut pine, oak, cedar, or hemlock. In addition, do not cut any spruce or fir that have a stump diameter of 6 inches or less. Also, within Payment Unit 1 do not cut any green painted birch.

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

Within Payment Unit(s) 2 & 3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

#### 4 - Transportation

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 spring break up or prolonged wet weather conditions.

#### 4.2.3 - Road maintenance (8/13)

The following road maintenance is required prior to hauling: the installation of 2 cross drainage culverts, a minimum of 18" diameter and 24 feet in length, at locations shown on the Timber Sale Map (between Payment Unit(s) 1 & 2 and just north of Payment Unit 3). Purchaser will provide culverts.

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

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

4.4 - Access

4.4.1 - Private property access (3/11)Permission for access across private land is the responsibility of the Purchaser.

#### 5 - Operations

- 5.2 Conduct of Operations
  - 5.2.3 Operating Restrictions

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5.2.3.1 - Operating restrictions (9/11)
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Within Payment Unit(s) 6, unless changed by written agreement, cutting and skidding are restricted to frozen or very dry summer conditions. This restriction is because of wet soils.

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

Within Payment Unit(s) 2 & 3, 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.

## 5.2.32 - Decking/landing restoration (9/13)

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

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

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

## 5.4 - Soil Protection

## 5.4.1 - Rutting restriction, general (7/16)

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

## 7 - Other Conditions

## 7.5 - Loss

## 7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from Emerald Ash Borer. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.



#### TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

#### **BID FORM**

\_\_\_\_\_ Date:\_\_\_\_\_

Meniscus Melee (12-005-24)

# T43N, R27W, SEC. 30; T43N, R28W, SEC. 25; T43N, R28W, SEC. 26; T43N,

In response to the notice of sale to be held 12:00 p.m. (local time) on November 6, 2024, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Pulpwood	<u>ESTIMATED</u>	VOLUME*	<u>ADV</u>	<u>/ERTISED PRICE</u>	BID PRICE/UNIT
Balsam Fir	142	Cords	\$	5.20/Cord	\$
Mixed Hardwood	118	Cords	\$	13.30/Cord	\$
Mixed Spruce	116	Cords	\$	11.65/Cord	\$
Quaking Aspen	2,139	Cords	\$	19.70/Cord	\$
Red Pine	730	Cords	\$	77.90/Cord	\$
Tamarack	112	Cords	\$	4.90/Cord	\$

\*The volumes are statistically estimated within plus (+) or minus (-) 14.60 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

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

Individual or company representative's signature:

Phone number :\_\_\_\_\_

\_\_\_\_\_ Email (optional):\_\_\_\_\_

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

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

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

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

#### TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

#### **BID FORM**

\_\_\_\_\_ Date:\_\_\_\_

<u>Up In Smoke (12-006-24)</u>

# T40N, R28W, SEC. 17; T40N, R28W, SEC. 18; T40N, R28W, SEC. 19; T40N,

In response to the notice of sale to be held 12:00 p.m. (local time) on November 6, 2024, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Paper Birch	27.6	MBF	\$	51.00/MBF	\$
Red Maple	34.9	MBF	\$	127.00/MBF	\$
Sugar Maple	35.7	MBF	\$	238.00/MBF	\$
Pulpwood					
Balsam Fir	413	Cords	\$	4.80/Cord	\$
Basswood	92	Cords	\$	8.15/Cord	\$
Mixed Aspen	4,597	Cords	\$	18.35/Cord	\$
Mixed Hardwood	1,808	Cords	\$	12.40/Cord	\$
White Spruce	74	Cords	\$	10.80/Cord	\$

\*The volumes are statistically estimated within plus (+) or minus (-) 13.04 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

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

Individual	or	company	re	preser	ntative's	signature
mannauai	U.	company	10	preser	nunve 5	Signature

Phone number :\_\_\_\_\_\_ Email (optional):\_\_\_\_\_

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

AND PRESSOUR	Michigan Department of Natura Forest Resources Divis			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)			
and Michigan . 50	TIMBER SAL	E					
	VERIFICATION OF WORKER	R'S DISABILITY	e	Forest Management Unit:			
	COMPENSATION ACT C						
	As required by Act 317, P.A. 1969 (Worke	-	~				
VEDIEIC	Part 5 of Act 451 of 1994, as	amended.					
sale	contract.		-	ract award and prior to the issuance of the timber			
	ldition, if boxes 2B or 2C are checke ty-one (21) days of the contract awar			Certificate of Insurance must be submitted within timber sale contract.			
All In	formation must be typed or printed e	except for written s	ignatures.				
Please C	Check Appropriate Categories:						
-	usiness is organized as (you <b>must</b>	check <u>one</u> of the t	ooxes below):				
	Sole Proprietorship (individual)						
	Partnership						
C. 🗋	Corporation						
2. You	must check one of the boxes below	/:					
A. 🗆	I certify my business is a sole proprieto Worker's Compensation Laws.	orship and it has no	employees but t	he sole proprietor. I am not subject to the			
	<ul> <li>B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).</li> <li>C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.</li> </ul>						
	Full-time Em	nployees		Part-time Employees			
Name of Bu	Isiness		Federal ID (or) S	Social Security No.			
Address			Telephone				
			( )				
City		State	ZIP				
in factors	certify that the above information is a affecting my coverage during any o			fy the Michigan DNR of any changes that occur ons.			
2.9/10/01							
Title			Date	3			

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

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

## **BID FORM**

TKR Summer (12-009-24)

## T40N, R29W, SEC. 2; T40N, R29W, SEC. 3; T41N, R29W, SEC. 35; T41N, R29W,

In response to the notice of sale to be held 12:00 p.m. (local time) on November 6, 2024, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	<b>BID PRICE/UNIT</b>
Basswood	6.4	MBF	\$	110.00/MBF	\$
Paper Birch	19.9	MBF	\$	55.00/MBF	\$
Red Maple	35.1	MBF	\$	137.00/MBF	\$
Sugar Maple	31.2	MBF	\$	256.00/MBF	\$
Pulpwood					
Balsam Fir	30	Cords	\$	5.20/Cord	\$
Basswood	35	Cords	\$	8.75/Cord	\$
Mixed Aspen	1,166	Cords	\$	19.70/Cord	\$
Mixed Hardwood	1,145	Cords	\$	13.30/Cord	\$
White Ash	202	Cords	\$	1.00/Cord	\$
White Spruce	16	Cords	\$	11.65/Cord	\$

\*The volumes are statistically estimated within plus (+) or minus (-) 13.82 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:	<sup>_</sup>
Company or individual bidding:			
Company representative's name:			
Address:			_
City:	State:	Zip:	_

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

Individual or company representative's signature: \_\_\_\_\_\_ Date: \_\_\_\_\_

Phone number :\_\_\_\_\_ Email (optional):\_\_\_\_\_

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

AND PROPARTY AND	Michigan Department of Natura Forest Resources Divis			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)			
and Michigan . 50	TIMBER SAL	E					
	VERIFICATION OF WORKER	R'S DISABILITY	e	Forest Management Unit:			
	COMPENSATION ACT C						
	As required by Act 317, P.A. 1969 (Worke	-	~				
VEDIEIC	Part 5 of Act 451 of 1994, as	amended.					
sale	contract.		-	ract award and prior to the issuance of the timber			
	ldition, if boxes 2B or 2C are checke ty-one (21) days of the contract awar			Certificate of Insurance must be submitted within timber sale contract.			
All In	formation must be typed or printed e	except for written s	ignatures.				
Please C	Check Appropriate Categories:						
-	usiness is organized as (you <b>must</b>	check <u>one</u> of the t	ooxes below):				
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	Partnership						
C. 🗋	Corporation						
2. You	must check one of the boxes below	/:					
A. 🗆	I certify my business is a sole proprieto Worker's Compensation Laws.	orship and it has no	employees but t	he sole proprietor. I am not subject to the			
	<ul> <li>B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).</li> <li>C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.</li> </ul>						
	Full-time Em	nployees		Part-time Employees			
Name of Bu	Isiness		Federal ID (or) S	Social Security No.			
Address			Telephone				
			( )				
City		State	ZIP				
in factors	certify that the above information is a affecting my coverage during any o			fy the Michigan DNR of any changes that occur ons.			
2.9/10/01							
Title			Date	3			

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