



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7178**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on January 31, 2023.

LOCATION: NAUBINWAY DNR FIELD OFFICE, PO BOX 287, US 2 W11569, NAUBINWAY, MI 49762.

CONTACT NAME: Karen Rodock

PHONE NUMBER: (906) 477-6048

PROSPECTUS NOTE: 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, SAULT STE MARIE MANAGEMENT UNIT, for certain timber on the following described lands:

Chop Suey (45-105-22) / T44N, R07W, SEC. 29, S1/2NE, E1/2SW, SE.
T44N, R07W, SEC. 32, N1/2NE.

Mackinac County, Advertised Price \$84,883.45, 68.9 Acres, Paper Birch, Red Pine.

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

TIMBER SALE INFORMATION

Chop Suey (45-105-22)

T44N, R07W, SEC. 29; T44N, R07W, SEC. 32.

Mackinac County (Advertised Price \$84,883.45)

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:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Pulpwood		
Balsam Fir	34 Cords	\$ 10.20 / Cord
Misc. Species 1	12.9 Acres	\$ 13.00 / Acre
N. White Cedar	6 Cords	\$ 4.10 / Cord
Paper Birch	65 Cords	\$ 6.60 / Cord
Quaking Aspen	12 Cords	\$ 19.60 / Cord
Red Maple	6 Cords	\$ 9.80 / Cord
Red Pine	1,191 Cords	\$ 69.75 / Cord
White Pine	32 Cords	\$ 13.55 / Cord
White Spruce	11 Cords	\$ 10.50 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 9.99 percent. There are an estimated 1,414 cords on this timber sale, plus or minus 141 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 \$8,488.35 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	22.4%
02	30.9%
03	44.6%
04	1.9%
05	0.2%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2025.

SALE STATISTICS

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

SALE VOLUMES

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

<u>VOLUME</u>		<u>STATISTICAL RANGE IN CORDS</u>		
<u>TOTAL CUBIC FEET</u>	<u>TOTAL CORDS</u>	<u>PERCENT ERROR</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>
111,707	1,414	9.99%	1,273	1,555
13.00 acres are being sold by the acre and do not have cubic foot or cord volumes.				

VDU VOLUMES

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

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
15 *			N/A		
16	21,571	273	12.29%	239	307
20	30,252	383	12.67%	334	431
22	46,334	587	12.39%	514	659
30	12,466	158	32.83%	106	210
TOTAL:	110,623	1,400		1,194	1,607

* This VDU is being sold by the acre. There are no cruise statistics available.

VDU TO PAYMENT UNIT

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

VDU	VDU ACRES	PU	PU ACRES
15	13.0	5	13.0
16	12.4	1	12.4
20	17.7	2	17.7
22	22.3	3	22.3
30	3.5	4	3.5
TOTAL:	68.9		68.9

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Pulpwood	272	Cords	12.4	\$18,972.00
	Red Pine	Sawtimber	3.3	MBF		
	Red Pine	Pulpwood	265	Cords		
2	Quaking Aspen	Pulpwood	3	Cords	17.7	\$26,215.05
	Red Pine		375	Cords		
	Red Pine	Sawtimber	6.7	MBF		
3	Red Pine	Pulpwood	544	Cords	22.3	\$37,944.00
	Red Pine	Sawtimber	126.3	MBF		
	Red Pine	Pulpwood	291	Cords		
4	Balsam Fir	Pulpwood	34	Cords	3.5	\$1,584.70
	N. White Cedar		6	Cords		
	Paper Birch		65	Cords		
	Quaking Aspen		9	Cords		
	Red Maple		6	Cords		
	White Pine		32	Cords		
	White Pine	Sawtimber	1.2	MBF		
	White Pine	Pulpwood	30	Cords		
5	White Spruce		11	Cords	13.0	\$167.70
	Misc. Species 1	Pulpwood	12.9	Acres		
TOTAL:			1,357	Cords		

Sale Specific Conditions & Requirements

Sale Name: Chop Suey

Sale Number: 45-105-22 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 and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundary lines are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 4 and 5, cut all trees that are two (2) inches or more at DBH.

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

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

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

Within Payment Unit(s) 1 and 2, all trees which meet minimum piece specifications in 2.2 Utilization, within designated plantation rows are designated for cutting. Designated plantation rows are every third row. Begin with the third row in from the outside of the plantation, then continue every third row. Because of the variability of row direction, it shall be the responsibility of the producer to maintain the third row sequence.

2.1.11 - Description of timber note (2/04)

Note that Payment Unit 5 is a grassy opening and is being sold by the acre. The timber in this unit is represented by Misc. Species 1.

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.

4.1.12 - No new roads (1/12)

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

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.2 - Conduct of Operations

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 4, unless changed by written agreement, cutting, skidding, and hauling are limited to frozen winter or dry summer conditions. This restriction is because of crossing wet lowland to access unit.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1-3, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 1. This restriction is because of bark slippage.

5.2.17 - Timber Mats and Interlocking Composite Mats (10/20)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. Approximately 100 feet of road or trail will need extra protection at locations shown on the Timber Sale Map. If available, mats may be borrowed from the DNR. A Timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's mats. Contact the sale administrator regarding availability and pick-up. Timber mats are available from various field offices. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the sale administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

5.2.32 - Decking/landing restoration (9/13)

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

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of Fisher Rd without permission and approval from county road commission.

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)

An ORV trail or route 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.

5.2.41 - Snowmobile trail protection (9/11)

Fisher 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. 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 1st. 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.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

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

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 Fisher 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.

6.2.3 - Recreational trail posting (10/20)

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

**TIMBER SALE MAP***This information provided by authority of Part 525, 1994 PA 451, as amended.*

Forest Management Unit Sault Ste Marie Mgt Unit		County Mackinac	Mapped By Flatt	Date 08/17/2022	Page 1	of 1
Township 44N	Range 07W	Section(s) and Subdivision(s) 29: S1/2NE,E1/2SW,SE 32: N1/2NE		Cruised By Flatt, Plato	Scale 1:15,840	

Cover Type

A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

Density

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

PU	Acres	PU	Acres
1	12.4	4	3.5
2	17.7	5	13.0
3	22.3		

Chop Suey
Compartment 134
68.9 Acres

