



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6757

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on November 9, 2020.

LOCATION: SAULT STE MARIE MGMT UNIT, P.O. BOX 798, 4131 S. M-129, SAULT STE MARIE, MI 49783.

CONTACT NAME: Jeff Wise

PHONE NUMBER: (906) 635-5281

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:

D.I. Sand Bay (45-001-20) / T42N, R07E, SEC. 21, SENE, NESE.

T42N, R07E, SEC. 22, W1/2NW, W1/2SW.

T42N, R07E, SEC. 27, NENW, NWNE, S1/2NE.

Chippewa County, Advertised Price \$55,768.35, 137.2 Acres, Aspen, Hardwood.

SALE NOTE: Access to a majority of this sale is across private property. Before bidding make sure the landowner will grant permission to use their property. Contact the DNR for landowner information.

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. Access may be through private land.

TIMBER SALE INFORMATION

D.I. Sand Bay (45-001-20)

T42N, R07E, SEC. 21; T42N, R07E, SEC. 22; T42N, R07E, SEC. 27.

Chippewa County (Advertised Price \$55,768.35)

SALE NOTE: Access to a majority of this sale is across private property. Before bidding make sure the landowner will grant permission to use their property. Contact the DNR for landowner information.

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. 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 T-Sale computer program and our traditional volume equations. 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>
Sawtimber		
Basswood	25.5 MBF	\$ 66.00 / MBF
Paper Birch	3.8 MBF	\$ 35.00 / MBF
Red Maple	3.1 MBF	\$ 62.00 / MBF
Sugar Maple	154.0 MBF	\$ 199.00 / MBF
White Ash	106.0 MBF	\$ 42.00 / MBF
Yellow Birch	1.5 MBF	\$ 68.00 / MBF
Pulpwood		
Balsam Fir	21 Cords	\$ 6.65 / Cord
Mixed Aspen	485 Cords	\$ 12.85 / Cord
Mixed Hardwood	1,081 Cords	\$ 10.55 / Cord
Paper Birch	83 Cords	\$ 7.05 / Cord
White Spruce	19 Cords	\$ 10.45 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 13.56 percent. There are an estimated 2,275 cords on this timber sale, plus or minus 308 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 \$2,788.42 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.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2023.

SALE STATISTICS

SALE VOLUMES

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
179,693	2,275	13.56%	1,966	2,583

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
13	82,144	1,040	13.29%	902	1,178
16	48,577	615	39.48%	372	858
26	48,980	620	15.44%	524	716
TOTAL:	179,701	2,275		1,798	2,751

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
13	69.7	1	29.5
		2	40.2
16	23.8	3	23.8
26	43.7	4	43.7
TOTAL:	137.2		137.2

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	4.1	MBF	29.5	\$13,500.55
	Paper Birch		1.6	MBF		
	Sugar Maple		44.9	MBF		
	White Ash		31.1	MBF		
	Mixed Aspen	Pulpwood	6	Cords		
	<i>Balsam Poplar</i>		3	Cords		
	<i>Quaking Aspen</i>		3	Cords		
	Mixed Hardwood		270	Cords		
	<i>Basswood</i>		41	Cords		
	<i>Black Ash</i>		7	Cords		
	<i>Ironwood</i>		3	Cords		
	<i>Sugar Maple</i>		153	Cords		
	<i>White Ash</i>		62	Cords		
	<i>Yellow Birch</i>		4	Cords		
	Paper Birch		1	Cords		
2	Basswood	Sawtimber	5.7	MBF	40.2	\$18,399.25
	Paper Birch		2.2	MBF		
	Sugar Maple		61.2	MBF		
	White Ash		42.4	MBF		
	Mixed Aspen	Pulpwood	7	Cords		
	<i>Balsam Poplar</i>		3	Cords		
	<i>Quaking Aspen</i>		4	Cords		
	Mixed Hardwood		368	Cords		
	<i>Basswood</i>		57	Cords		
	<i>Black Ash</i>		9	Cords		
	<i>Ironwood</i>		5	Cords		
	<i>Sugar Maple</i>		208	Cords		
	<i>White Ash</i>		84	Cords		
	<i>Yellow Birch</i>		5	Cords		
	Paper Birch		2	Cords		
3	Red Maple	Sawtimber	3.1	MBF	23.8	\$7,340.00
	White Ash		4.6	MBF		
	Balsam Fir	Pulpwood	20	Cords		
	Mixed Aspen		425	Cords		
	<i>Balsam Poplar</i>		81	Cords		
	<i>Quaking Aspen</i>		344	Cords		
	Mixed Hardwood		58	Cords		
	<i>Basswood</i>		14	Cords		
	<i>Black Ash</i>		4	Cords		
	<i>Ironwood</i>		6	Cords		
	<i>Red Maple</i>		24	Cords		
	<i>White Ash</i>		10	Cords		
	Paper Birch		78	Cords		
	White Spruce		19	Cords		
4	Basswood	Sawtimber	15.7	MBF	43.7	\$16,528.55
	Sugar Maple		47.9	MBF		
	White Ash		27.9	MBF		
	Yellow Birch		1.5	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Aspen		47	Cords		
	<i>Balsam Poplar</i>		9	Cords		
	<i>Quaking Aspen</i>		38	Cords		
	Mixed Hardwood		385	Cords		
	<i>Basswood</i>		46	Cords		
	<i>Beech</i>		8	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	<i>Ironwood</i>	<i>Pulpwood</i>	5	<i>Cords</i>		
	<i>Sugar Maple</i>		238	<i>Cords</i>		
	<i>White Ash</i>		82	<i>Cords</i>		
	<i>Yellow Birch</i>		6	<i>Cords</i>		
	Paper Birch		2	Cords		
TOTAL:			293.9	MBF		
TOTAL:			1,689	Cords		

Sale Specific Conditions & Requirements

Sale Name: D.I. Sand Bay

Sale Number: 45-001-20 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. 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) 3, cut all deciduous trees that are two (2) inches or more at DBH, except do not cut any oak, sugar maple or yellow birch. In addition, cut all conifers that are four (4) inches or more at DBH, except do not cut any cedar, hemlock or pine.

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

Within Payment Unit(s) 1, 2 and 4, 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 un-limbed tops or lengths over seventeen (17) feet will not be permitted, unless approved by the Unit Manager or their representative.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1, 2, 3 and 4 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 Supplement. There shall be only one division per Payment Unit.

4 - Transportation

4.1 - Construction

4.1.1 - Stream crossings, general (3/11)

All stream crossing structures will be temporary and therefore, shall be provided by the Purchaser, and must be removed upon completion of the sale. All permits for stream crossings will be provided by the MDNR if required.

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 (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, not left in windrows and kept a minimum of ten (10) feet back

from the road edge. Stumps shall be set upright, not left on edge, and be moved at least ten (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. These roads must be rendered impassable to cars and trucks. 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. 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 details of design and placement.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

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, this permission should include the MDNR for contract administration purposes. Should the Purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR.

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

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, 2 and 4, unless changed by written agreement, cutting and skidding are not permitted during the period of May 1 to July 15. This restriction is because of bark slippage.

5.2.4 - Dead and Down Creation

5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

5.2.17 - Timber Mats and Interlocking Composite Mats (3/18)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. 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. 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 \$400.00 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.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1, 2 and 3, cutting, skidding and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because the road through private land is soft and wet in places along with some low ground within Payment Unit 3. This may be avoided if the road is improved to support trucking in the summer time.

5.2.30 - Landing/road top soil protection (2/15)

Top soil on landings and new roads must be removed, stockpiled and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation.

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 or route and is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within five (5) feet of the trail must be cut flush with the ground. Maintain a twenty (20) foot wide slash, debris and rut free zone daily using the ORV trail or route as the center-line. 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 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 road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. Maintain a twenty (20) foot wide slash, debris and rut free zone daily using the snowmobile trail as the center-line. No decking of forest products will be permitted along the snowmobile trail. All stumps within twenty (20) feet of the snowmobile trail must be cut at ground level.

5.3 - Stream Protection

5.3.1 - Operating near stream (7/04)

No tracked or wheeled vehicles shall be operated within fifty (50) feet of flowing or vernal creeks and streams, except at an approved crossing site.

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

5.8 - Protection of Endangered Species

5.8.5 - 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 (8/09)

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 shall provide these signs.

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on the ORV route and 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 shall provide these signs.

**TIMBER SALE MAP**

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

Sale Number	Year
45-001-20	2020

Forest Management Unit Sault Ste. Marie	County Chippewa	Mapped By Brinks	Date 8/10/20	Page 1	of 1
Cruised By Grossman Forestry					

Township T42N	Range R07E	Section(s) and Subdivision(s) See Below	Scale 1:15,840 1 inch= 1/4 mile
------------------	---------------	--	------------------------------------

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

Sand Bay Mix 135.1 Acres

Unit 1- 29.5 ac
Unit 2- 40.2 ac
Unit 3- 23.8 ac
Unit 4- 43.7 ac

Sec 21- SENE, NESE
Sec 22- W1/2W1/2
Sec 27- NENW, W1/2NE, SENE

