



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6889

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on September 23, 2021.

LOCATION: TRAVERSE CITY MGMT UNIT, 2122 M 37 SOUTH, TRAVERSE CITY, MI 49685.

CONTACT NAME: David Lemmien

PHONE NUMBER: (231) 922-6040

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, TRAVERSE CITY MANAGEMENT UNIT, for certain timber on the following described lands:

Tennessee Jed Pine (61-019-21) / T24N, R13W, SEC. 19, S1/2SW.

T24N, R14W, SEC. 24, SESE.

Manistee County, Advertised Price \$58,054.15, 44.3 Acres, Jack Pine, Red Pine.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

TIMBER SALE INFORMATION

Tennessee Jed Pine (61-019-21)

T24N, R13W, SEC. 19; T24N, R14W, SEC. 24.

Manistee County (Advertised Price \$58,054.15)

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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>
Sawtimber		
Red Pine	344.0 MBF	\$ 80.00 / MBF
Pulpwood		
Black Cherry	133 Cords	\$ 12.35 / Cord
Jack Pine	136 Cords	\$ 8.35 / Cord
Red Pine	924 Cords	\$ 29.80 / Cord
White Pine	16 Cords	\$ 13.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 6.37 percent. There are an estimated 1,928 cords on this timber sale, plus or minus 123 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 \$2,902.71 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	54.4%
02	45.6%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2023.

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
152,317	1,928	6.37%	1,805	2,051

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
131	136,919	1,733	6.79%	1,615	1,851
132	13,034	165	17.55%	136	194
TOTAL:	149,953	1,898		1,751	2,045

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
131	33.2	1	17.9
		2	15.3
132	11.1	1	8.4
		2	2.7
TOTAL:	44.3		44.3

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	185.5	MBF	26.3	\$31,614.15
	Black Cherry	Pulpwood	78	Cords		
	Black Cherry	Sawtimber	20.6	MBF		
	Black Cherry	Pulpwood	37	Cords		
	Jack Pine		103	Cords		
	Jack Pine	Sawtimber	3.9	MBF		
	Jack Pine	Pulpwood	95	Cords		
	Red Pine		498	Cords		
	White Pine		8	Cords		
	White Pine	Sawtimber	2.2	MBF		
	White Pine	Pulpwood	4	Cords		
2	Red Pine	Sawtimber	158.5	MBF	18.0	\$26,448.35
	Black Cherry	Pulpwood	55	Cords		
	Black Cherry	Sawtimber	16.2	MBF		
	Black Cherry	Pulpwood	23	Cords		
	Jack Pine		34	Cords		
	Jack Pine	Sawtimber	1.3	MBF		
	Jack Pine	Pulpwood	31	Cords		
	Red Pine		426	Cords		
	White Pine		8	Cords		
	White Pine	Sawtimber	1.8	MBF		
	White Pine	Pulpwood	4	Cords		
TOTAL:			344.0	MBF		
TOTAL:			1,210	Cords		

Sale Specific Conditions & Requirements

Sale Name: Tennessee Jed Pine

Sale Number: 61-019-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundary is Thompsonville Road.

2 - Timber Specifications

2.1 - Included Timber

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

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

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 1 and 2 must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. Products may be produced as roundwood and forwarded to decking areas in final product length, but the tops must be left intact and skidded to the landing for chipping to minimize the amount of residual slash. If market conditions limit the practicality of chipping, tops and slash must be arranged in a way that will not inhibit future planting operations, as directed by the sale administrator. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. If market conditions limit the practicality of chipping, the Purchaser may skid all remaining topwood out of these Payment Units and scatter in locations approved by the sale administrator. If the deadline is not met, damages will be collected determined by the cost to complete this work. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter does not apply (G. C. & R. 2.2). This is to facilitate subsequent planting operations more easily.

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is to facilitate planting operations.

4 - Transportation

4.1 - Construction

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

4.1.12 - No new roads (1/12)

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

5 - Operations

5.2 - Conduct of Operations

5.2.16 - Equipment recommended (11/18)

Feller bunchers would be the recommended equipment to use on this sale. The use of this equipment will allow the Purchaser to cut low stump heights and "mow" existing deciduous regeneration, all to facilitate planting operations more easily.

5.2.31 - Landing locations (9/13)

Landing areas for Payment Units 1 and 2 should be located on the south side of each Payment Unit, at appropriate distances from Thompsonville Road. Final landing area placement must be approved by the sale administrator. This will ensure that jack pine trees/tops are not skidded across entire sale and will reduce the amount of jack pine seedlings that regenerate

throughout Sale Area, all of which is prescribed to be planted to red pine.

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. The trail itself is not within or directly adjacent to Sale Area and would only be affected by potential haul route to the north. Hauling options for sale are using Thompsonville Road south to 13 Mile Road. If Thompsonville Road is taken to the north then the haul route will include a small section of snowmobile trail which lies on Thompsonville Road.

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

Forest Management Unit		County	Mapped By	Patrick Cotant	Date	Page	of
Traverse City FMU		Manistee	Cruised By	Patrick Cotant	03/16/2021	1	1
Township	Range	Section(s) and Subdivision(s)			Scale		
24N	13W & 14W	24N14W sec 24-SESE 24N13W sec 9-S1/2SW			1:15,840		
Cover Type				Density			
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well		
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor		
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium		
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well		
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water				
G = Grass	MD = Mixed Decidious	T = Tamarack					

PU Acres

1 26.3
2 18

Tennessee Jed Pine**Compartment 036****44.3 Acres**