



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7707**

SCHEDULED SALE DATE AND TIME: **11:00 a.m. (local time) on November 5, 2025.**

LOCATION: **SW REGION-WILD, 621 NORTH 10TH STREET, PLAINWELL, MI 49080.**

CONTACT NAME: Cynthia McQueer

PHONE NUMBER: (269) 762-1762

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 Game Area Manager , PARIS FIELD OFFICE, for certain timber on the following described lands:

Tectonic Sale (68-001-25) / T16N, R08W, SEC. 36, SE.

Mecosta County, Advertised Price \$79,521.40, 38.5 Acres, Aspen, Red Pine.

SALE NOTE: Access may be through private or other public land.

## TIMBER SALE INFORMATION

Tectonic Sale (68-001-25)

T16N, R08W, SEC. 36.

Mecosta County (Advertised Price \$79,521.40)

SALE NOTE: Access may be through private or other public 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:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
B. T. Aspen	87.4 MBF	\$ 86.00 / MBF
Black Cherry	4.8 MBF	\$ 111.00 / MBF
Red Maple	5.8 MBF	\$ 95.00 / MBF
Red Pine	284.0 MBF	\$ 114.00 / MBF
Pulpwood		
B. T. Aspen	147 Cords	\$ 20.60 / Cord
Mixed Hardwood	95 Cords	\$ 15.00 / Cord
Red Pine	720 Cords	\$ 47.35 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 16.63 percent. There are an estimated 1,895 cords on this timber sale, plus or minus 315 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 \$3,976.07 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	51.0%
02	49.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/01/2027.

### **SALE STATISTICS**

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

### **SALE VOLUMES**

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

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
149,715	1,895	16.63%	1,580	2,210

**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
35	3,645	46	63.12%	17	75
36	37,563	475	29.28%	336	615
37	44,914	569	33.95%	376	762
38	28,749	364	31.54%	249	479
44	18,722	237	71.75%	67	407
45	16,123	204	47.11%	108	300
<b>TOTAL:</b>	<b>149,715</b>	<b>1,895</b>		<b>1,153</b>	<b>2,637</b>

**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
<b>TOTAL:</b>			

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	50.8	MBF	21.9	\$40,567.55
	Black Cherry		4.8	MBF		
	Red Maple		5.8	MBF		
	Red Pine		139.0	MBF		
	B. T. Aspen	Pulpwood	118	Cords		
	Mixed Hardwood		84	Cords		
	Black Cherry		18	Cords		
	Red Maple		66	Cords		
	Red Pine		329	Cords		
2	B. T. Aspen	Sawtimber	36.6	MBF	16.6	\$38,953.85
	Red Pine		145.0	MBF		
	B. T. Aspen	Pulpwood	29	Cords		
	Mixed Hardwood		11	Cords		
	Black Cherry		3	Cords		
	Red Maple		8	Cords		
	Red Pine		391	Cords		
	TOTAL:			382.0		
TOTAL:			962	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Tectonic Sale**

**Sale Number: 68-001-25 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 and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected 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) 1 and 2, cut all red pine, scotch pine, jack pine, aspen, black cherry, and red maple trees that are two (2) inches or more at DBH, except do not cut trees that are marked with green paint.

#### **2.2 - Utilization**

##### **2.2.3 - Stump Heights (12/24)**

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches at DBH and four (4) inches for trees smaller than 10 inches at DBH.

### **4 - Transportation**

#### **4.1 - Construction**

##### **4.1.1 - Stream Crossings, General (1/25)**

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 Purchaser.

##### **4.1.7 - Road Closure (10/11)**

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars, trucks, and ATVs. 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. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

##### **4.1.11 - Permits (2/12)**

The Purchaser will secure any necessary county road and stream crossing permits that may be required.

#### **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.

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

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

The County must be contacted prior to crossing or harvesting in the County Road R-O-W. This includes 60th Ave. Additional slash and logging debris, a minimum of 4 feet in height, must be placed along those portions of the sale boundary adjoining 60th Ave to prevent illegal access from cars, trucks, and ATVs.

#### **4.4 - Access**

#### 4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private landowner may be required by the DNR.

## 5 - Operations

### 5.1 - Notification

#### 5.1.1 - Pre-sale Conference (10/16)

A pre-sale conference on site between the Purchaser and Sale Administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

#### 5.1.4 - Post-Sale Conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

##### 5.2.1.8 - Slash Height (12/08)

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

#### 5.2.2 - Hazard Trees/Snags

##### 5.2.2.1 - Den Trees (10/16)

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

#### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1 and 2, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of August 1 to October 31 and December 1 to March 1 each year. This restriction is because of forest health and wildlife protection concerns.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.2 - Dead and Down Creation, Hare and Grouse (1/25)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave 3-5 logs, nine (9) inches or larger in diameter, or brush piles made of intact tree crowns or slash in piles a minimum of ten (10) feet in diameter, on the ground for every acre. They should be scattered throughout the sale or positioned per the Sale Administrator's instructions.

#### 5.2.29 - Shrub Protection (1/20)

Do not cut or damage hawthorn, witch-hazel, dogwood or junberry. These woody-shrub plants are highly beneficial to various wildlife species.

#### 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. Entry points into the Sale Area must be slashed and bermed so that ORV's cannot gain access into the Sale Area from the landing. These must meet the satisfaction of the Sale Administrator and comply with spec 4.1.7.

#### 5.2.38 - No Decking Against Live Trees (2/04)

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

### 5.3 - Stream Protection

#### 5.3.1 - Operating Near Stream (1/25)

No tracked or wheeled vehicles shall be operated within 50 feet of the intermittent creek, except at an approved crossing. See spec 4.1.1 for additional specifications.

#### 5.3.2 - Parking Equipment Near Water (10/23)

Within Payment Unit(s) 1 and 2, the parking of or storage of equipment is prohibited within 100 feet of water bodies or ground water supplies. All equipment, when not in use for harvest operations, must be parked a minimum of 100 feet away from water sources (streams, rivers, lakes, ponds, vernal pools, ground water sources) and 50 feet away from slopes leading to water sources and/or riparian areas. This restriction is for preventing unforeseen oil and/or fluid leaks from contaminating water bodies and/or ground water supplies.

### 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 are 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. Any rutting and soil erosion must be mitigated to the Sale Administrators' satisfaction.

#### 5.4.2 - Skid Trails (2/04)

Skid trails up and down slopes should be avoided. If, however, this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the Sale Administrator, seed, fertilizer, and mulch may also be required.

#### 5.4.3 - Erosion Control (12/08)

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

#### 5.4.5 - Soil Caution (11/04)

Care must be taken to minimize soil damage due to the sandy soils.

### 5.6 - Debris and Waste Material

#### 5.6.3 - Equipment Cleaning (9/24)

For purposes of this provision, "Off-Road Equipment" includes all logging and construction machinery, except for log trucks, chip vans, service vehicles, water trucks, pickup trucks, cars, and similar vehicles. Off-Road Equipment brought on site must be clean and free from plant material and soil prior to arrival on any Payment Unit. Off-Road Equipment shall be cleaned of plant material and dirt prior to being moved to a new stand within the sale. Plant material includes leaves, stems, roots and seeds. Equipment shall be considered clean when a visual inspection does not disclose seeds, soil, vegetative matter, and other debris that could contain or hold seeds. This is to prevent the spread of invasive plant species.

### 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 onsite evaluation and recommendation can be made, if necessary.

## 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 adjacent roads prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

## 7 - Other Conditions

### 7.10 - Certified Timber

#### 7.10.1 - Non-Certified Timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed as a State Game Area.



# TIMBER SALE MAP

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

Forest Management Unit		County	Mapped By: JBramer	Scale 1:7,920	Page	Of
Paris Field Office		Mecosta	Cruised By: RKanaziz and JBramer		1	1
Township 16N	Range 08W	Section(s) and Subdivision(s) Sec. 36 SE;				

## Cover Type

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

## 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

